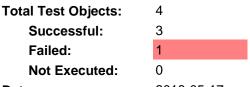
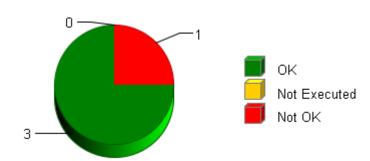


Summary

Overall Test Object Results (including Coverage)







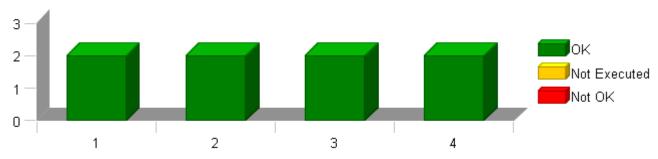
Selected Project Items

Test Collection "CBD_Unit_Test"

Used Test Environments

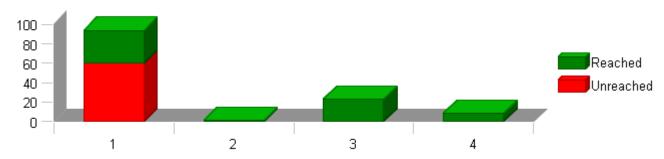
TI TMS 570 PLS UDE (Default)

Test Case Results for Each Test Object (without Coverage)



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

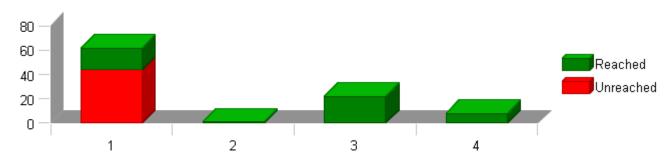
Statement (C0) Coverage: Total Statements for Each Test Object



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

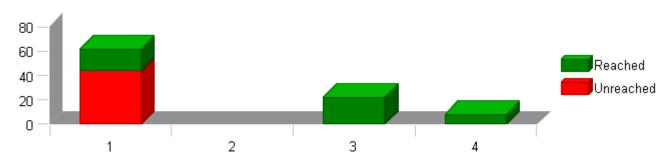


Branch (C1) Coverage: Total Branches for Each Test Object



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

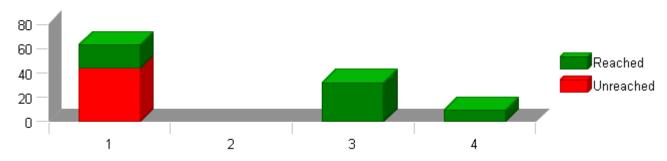
Decision Coverage: Total Decision Outcomes for Each Test Object



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

Each bar is divided into reached and unreached decision outcomes.

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



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

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

TEST OVERVIEW REPORT

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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	CO	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	18
1	CustBattDiag GetImaginaryIgnVoltage	36.17 %	29.03 %	29.03 %	30.15 %	2 of 2 passed	18
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_Per2

 Project
 CustBattDiag

 Module
 CustBattDiag

 Test Object
 CustBattDiag_Per2

Instrumentation: Test Object Only

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

Statistics

Total Testcases	2
Successful	2
Failed	0
Not Executed	0

Comments/Descripti	
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):64 Total RAM Used (Bytes):64 Total CALS Used (Bytes):88 Special Test Requirements: NA Test Date: 5/17/2018 Comments: "NOTE 1: Inline functions defined in GlobalMacro.h are not unit tested. NOTE 2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference. NOTE 3: In function "CustBattDiag_GetImaginaryIgnVoltage" 'D_IMAGINARY_IGN_ON_VOLTS_U10P6', 'D_IMAGINARY_IGN_UNKNWN_VOLTS_U10P6' and 'D_IMAGINARY_IGN_OFF_VOLTS_U10P6' constants are used, these constants are defined as (FPM_InitFixedPoint_m(6.0f, u10p6_T)) macro.Due to use of 'FPM_InitFixedPoint_m' macro 100% coverage can not be achieved.

Attributes				
Name	Value			
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5			
Float Precision	9			
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj			
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src			
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd			
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl			
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4			
Timer Enabled	false			
Timer Prescale	0			
Timer Resolution	1			
Timer Unit	Cycles			
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg			
Workspace File	D:\Synergy_Work_Area\UTP_PSA_CMP_CustBattDiag_Workspace\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP			



Test Case 1: Metrics Test

Description

Vector Description:

Test Step 1.1 (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
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mSu16 (Elapsed$	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOlspd_kph_f32	26.6764164
k_CustBattDiaghispd_kph_f32	497.013062
k_CustBattDiaglospd_kph_f32	483.438477
target_CustBattDiag_Per2_Batt_Volt_f32.value	5
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	67.4704819
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currenter (SystemTime_mS) and (SystemTime_mS) are also consistent from the context of the $	
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

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Name	Input Value		
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lg$	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg	c target_CustBattDiag_Per2_VehicleSpeedVa	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_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	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_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	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

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Name	Input Value		
target_lowerWindowThresh_Cnt_u16_2_3	12697		
target_lowerWindowThresh_Cnt_u16_2_3_4	45077		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	60439		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	41621		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	37465		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	30041		
target_upperVoltage_volt_u10p6	602		
target_upperVoltage_volt_u10p6_2	341		
target_upperVoltage_volt_u10p6_2_3	69		
target_upperVoltage_volt_u10p6_2_3_4	135		
target_upperVoltage_volt_u10p6_2_3_4_5	678		
target_upperVoltage_volt_u10p6_2_3_4_5_6	91		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	119		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	18		
target_upperWindowThresh_Cnt_u16	21656		
target_upperWindowThresh_Cnt_u16_2	6642		
target_upperWindowThresh_Cnt_u16_2_3	45077		
target_upperWindowThresh_Cnt_u16_2_3_4	17778		
target_upperWindowThresh_Cnt_u16_2_3_4_5	4436		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	2790		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	11152		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	37435		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2162176534	2162176534	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	424818518	424818518	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2162176534	2162176534	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2162176534	2162176534	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	424818518	424818518	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2162176534	2162176534	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2162176534	2162176534	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2162176534	2162176534	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	424818518	424818518	✓

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	-	
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	-	
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	2	Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	2	-	



Test Case 2: Range Test

Description

Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3Batt_Volt_f32==>Min
TS2.4Batt_Volt_f32==>Max
TS2.5Batt_Volt_f32==>Pos
TS2.6VehicleSpeed_Kph_f32==>Min
TS2.7VehicleSpeed_Kph_f32==>Max
TS2.8VehicleSpeed_Kph_f32==>Pos
TS2.9EngOn_Cnt_lgc==>Min
TS2.10EngOn_Cnt_lgc==>Min
TS2.10EngOn_Cnt_lgc==>Min
TS2.11EtatMT_Cnt_u08==>Max
TS2.11EtatMT_Cnt_u08==>Max
TS2.13EtatMT_Cnt_u08==>Pos
TS2.14SttdSelected_Cnt_lgc==>Min
TS2.15SttdSelected_Cnt_lgc==>Min
TS2.15SttdSelected_Cnt_lgc==>Min
TS2.16ValidEngineStatus_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==>Min
TS2.21CTerm_Cnt_lgc==>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_OFF
TS2.27Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_OFF
TS2.28Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_OFF
TS2.28Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_OFF
TS2.28Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_WARMINIT
TS2.29Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_WARMINIT
TS2.30Rte_Call_NxtrDiagMgr_GetNTCFailed[3]==>Min
TS2.31Rte_Call_NxtrDiagMgr_GetNTCFailed[3]==>Min
TS2.34k_CustBattDiaghispd_kph_f32==>Min
TS2.35k_CustBattDiaghispd_kph_f32==>Min
TS2.36k_CustBattDiaghispd_kph_f32==>Min
TS2.37k_CustBattDiaghispd_kph_f32==>Min
TS2.37k_CustBattDiaghispd_kph_f32==>Max
TS2.38k_CustBattDiaghispd_kph_f32==>Max
TS2.38k_CustBattDiaghospd_kph_f32==>Max
TS2.38k_CustBattDiaghospd_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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

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

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CustBattDiag Per2

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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 $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \ \ 0$ 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 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 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 **Actual Value** Name **Expected Value** Result CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 0 0 $CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32$ 424818518 *none CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 0 0 $CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32$ 0 0 $CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32$ 0 $CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32$ 424818518 *none CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 0 0 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 0 0 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 0 0 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 n CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 2162176534 *none ~ CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 0

424818518

none

CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	~
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	•
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•
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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CustBattDiag Per2 Input Value CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16 target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8 $CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6$ target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ 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() 512 $k_CustBattDiagLOlspd_kph_f32$ 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 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 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 $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \ \ 0$ target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 4294967295 $target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32$ target_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_Igc target_CustBattDiag_Per2_CTerm_Cnt_lgc target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08 $target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc$ target_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08 target CustBattDiag Per2 EtatMT Cnt u08 $target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc$ target_CustBattDiag_Per2_SttdSelected_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc$ target CustBattDiag Per2 ValidEngineStatus Cnt lgc $target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc$ target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32 target CustBattDiag Per2 VehicleSpeed Kph f32 target_lowerVoltage_volt_u10p6 1023 target lowerVoltage volt u10p6 2 1023 target_lowerVoltage_volt_u10p6_2_3 1023 target_lowerVoltage_volt_u10p6_2_3_4 1023 1023 target_lowerVoltage_volt_u10p6_2_3_4_5 target_lowerVoltage_volt_u10p6_2_3_4_5_6 1023 1023 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 1023 65535 target lowerWindowThresh Cnt u16 target_lowerWindowThresh_Cnt_u16_2 65535 target_lowerWindowThresh_Cnt_u16_2_3 65535 target_lowerWindowThresh_Cnt_u16_2_3_4 65535 target_lowerWindowThresh_Cnt_u16_2_3_4_5 65535 $target_lowerWindowThresh_Cnt_u16_2_3_4_5_6$ 65535 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 65535 $target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8$ 65535 target_upperVoltage_volt_u10p6 65535 target_upperVoltage_volt_u10p6_2 65535 65535 target_upperVoltage_volt_u10p6_2_3 target upperVoltage volt u10p6 2 3 4 65535 target_upperVoltage_volt_u10p6_2_3_4_5 65535 target_upperVoltage_volt_u10p6_2_3_4_5_6 65535 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 65535 target upperVoltage volt u10p6 2 3 4 5 6 7 8 65535 $target_upperWindowThresh_Cnt_u16$ 65535 target_upperWindowThresh_Cnt_u16_2 65535 $target_upperWindowThresh_Cnt_u16_2_3$ 65535 target_upperWindowThresh_Cnt_u16_2_3_4 65535 $target_upperWindowThresh_Cnt_u16_2_3_4_5$ 65535 65535 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 65535 target upperWindowThresh Cnt u16 2 3 4 5 6 7 $target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8$ 65535 Name **Actual Value Expected Value** CustBattDiagNtcTimer Str[0].detectWindow Cnt M u32 4294967295 4294967295 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 4294967295 4294967295 4294967295 4294967295 CustBattDiagNtcTimer Str[1].detectWindow Cnt M u32 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

0

0

0

0

 $CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32$

 $CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32$

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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				✓
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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Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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
C_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_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	67.4704819		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSy$	424818518		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_Igc	target_CustBattDiag_Per2_CTerm_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_C	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_lgc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc$	target_CustBattDiag_Per2_ValidEngineStatu	is_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc$	target_CustBattDiag_Per2_VehicleSpeedVal	lid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	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	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	Resu
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	٠,
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	•
CustRattDiagNtcTimer_Str[4] notDetectWindow_Cnt_M_u32	0	0	

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CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32

 $CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32$

 $CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32$

 $CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32$

CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32

CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32

CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32



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





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_C	nt 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_lgc	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_VehicleSpeedVal		
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 VehicleSpeed Kph f32	target_CustBattDiag_Per2_VehicleSpeed_K		
target_lowerVoltage_volt_u10p6	357	F	
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		
	53587		
target_lowerWindowThresh_Cnt_u16_2_3_4_5			
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	14448 37361		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	41092		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8			
target_upperVoltage_volt_u10p6	40541		
target_upperVoltage_volt_u10p6_2	12929		
target_upperVoltage_volt_u10p6_2_3	46579		
target_upperVoltage_volt_u10p6_2_3_4	63027		
target_upperVoltage_volt_u10p6_2_3_4_5	4306		
target_upperVoltage_volt_u10p6_2_3_4_5_6	21286		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	18918		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	7441		
target_upperWindowThresh_Cnt_u16	61315		
target_upperWindowThresh_Cnt_u16_2	47883		
target_upperWindowThresh_Cnt_u16_2_3	54325		
target_upperWindowThresh_Cnt_u16_2_3_4	12146		
target_upperWindowThresh_Cnt_u16_2_3_4_5	42776		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	27740		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	64224		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	15261		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1023242794	1023242794	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1023242794	1023242794	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	1023242794	1023242794	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	1023242794	1023242794	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	1023242794	1023242794	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1023242794	1023242794	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1023242794	1023242794	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1023242794	1023242794	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1023242794	1023242794	•



Test Step Call Trace				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 2.5 (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
rustBattDiagNtcConfig_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
sustBattDiagNtcConfig_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(Elapse	
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTir	
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
rget_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





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		
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_Igc	target_CustBattDiag_Per2_ValidEngineState		
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	376	· -	
target_lowerVoltage_volt_u10p6_2	301		
target lowerVoltage volt u10p6 2 3	148		
target_lowerVoltage_volt_u10p6_2_3_4	905		
target_lowerVoltage_volt_u10p6_2_3_4_5	580		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	791		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	657		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	568		
target_lowerWindowThresh_Cnt_u16	64132		
target_lowerWindowThresh_Cnt_u16_2	9293		
target lowerWindowThresh Cnt u16 2 3	57055		
target lowerWindowThresh Cnt u16 2 3 4	14651		
target lowerWindowThresh Cnt u16 2 3 4 5	39027		
target lowerWindowThresh Cnt u16 2 3 4 5 6	2568		
target lowerWindowThresh Cnt u16 2 3 4 5 6 7	60950		
target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8	64802		
target_upperVoltage_volt_u10p6	23511		
target upperVoltage volt u10p6 2	10854		
target_upperVoltage_volt_u10p6_2_3	14225		
target upperVoltage volt u10p6 2 3 4	52540		
target_upperVoltage_volt_u10p6_2_3_4_5	15906		
target upperVoltage volt u10p6 2 3 4 5 6	40218		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	49733		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	46852		
target_upperWindowThresh_Cnt_u16	34574		
target_upperWindowThresh_Cnt_u16_2	31178		
target upperWindowThresh Cnt u16 2 3	14651		
target upperWindowThresh Cnt u16 2 3 4	28934		
target upperWindowThresh Cnt u16 2 3 4 5	962		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	11922		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	14202		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	64967		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer Str[0].detectWindow Cnt M u32	1980048293	1980048293	- 100uit
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_Crit_W_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_us2	1980048293	1980048293	
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1980048293	1980048293	-
Oustbattbiagiste fillier_ott[/].fiotbetectssilidow_ofit_ist_usz	1300040233	1000040200	



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	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[5].upperWindowThresh Cnt_u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
custBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
custBattDiagNtcConfig_Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].lowerVnltdowTriestr_Crit_uT0	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
kte_call_Ap_custBattDiag_epseti_or_cset(signal) Rte_Call_Ap_custBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapsed	
Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32(CurrentTim	
Re_Oall_Ap_CustBattDiag	target Rte Inst Ap CustBattDiag
tte Mode Ap CustBattDiag SystemState Mode()	4
: CustBattDiagLOIspd kph f32	464.052399
CustBattDiaghispd kph f32	370.123566
CustBattDiaglospd kph f32	120.248634
greet CustBattDiag Per2 Batt Volt f32.value	22.2732143
arget CustBattDiag Per2 CTerm Cnt Igc.value	1
arget_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
arget CustBattDiag Per2 EngOn Cnt Igc.value	1
arget_CustBattDiag_Per2_EngOn_Cnt_igc.value	10
arget_CustBattDiag_Per2_Etativi1_Crit_uo6.value arget_CustBattDiag_Per2_SttdSelected_Crit_lgc.value	0
arget CustBattDiag Per2 ValidEngineStatus Cnt Igc.value	0
arget_CustBattDiag_Per2_validEngineStatus_Cnt_igc.value arget_CustBattDiag_Per2_vehicleSpeedValid_Cnt_lgc.value	1

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Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	0		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u1			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_0			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_V		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm	0	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_ut			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOr		
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_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Ci			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_C			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f3		eSpeed_kpn_f32	
target_lowerVoltage_volt_u10p6	874		
target_lowerVoltage_volt_u10p6_2	623 973		
target_lowerVoltage_volt_u10p6_2_3	916		
target_lowerVoltage_volt_u10p6_2_3_4	666		
target_lowerVoltage_volt_u10p6_2_3_4_5	517		
target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	78		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 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		
arget_lowerWindowThresh_Cnt_u16_2_3_4_5	59926		
rarget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	123		
arget lowerWindowThresh Cnt u16 2 3 4 5 6 7	35155		
rarget_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		
arget_upperWindowThresh_Cnt_u16	23292		
arget_upperWindowThresh_Cnt_u16_2	413		
arget_upperWindowThresh_Cnt_u16_2_3	56334		
arget_upperWindowThresh_Cnt_u16_2_3_4	37119		
arget_upperWindowThresh_Cnt_u16_2_3_4_5	24303		
arget_upperWindowThresh_Cnt_u16_2_3_4_5_6	48363		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	36389		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	17162		
Name	Actual Value	Expected Value	Resu
CustBattDiagNtcTimer Str[0].detectWindow Cnt M u32	1664588153	1664588153	
CustBattDiagNtcTimer Str[0].notDetectWindow Cnt M u32	1664588153	1664588153	
CustBattDiagNtcTimer Str[1].detectWindow Cnt M u32	1664588153	1664588153	
CustBattDiagNtcTimer Str[1].notDetectWindow Cnt M u32	1664588153	1664588153	
CustBattDiagNtcTimer Str[2].detectWindow Cnt M u32	1664588153	1664588153	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1664588153	1664588153	
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1664588153	1664588153	
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	1664588153	1664588153	
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1664588153	1664588153	
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1664588153	1664588153	
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1664588153	1664588153	
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	1664588153	1664588153	



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

Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].upperVoltage volt u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig Str[3].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[3].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig Str[3].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 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	
Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32(Current)	
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 Igc.value	1
arget_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
arget_CustBattDiag_rer2_trigOn_cnt_igc.value	4
arget_CustBattDiag_rer2_tatwin_Cnt_uoo.value	0
arget_CustBattDiag_rer2_sttdSelecteu_Sht_igc.value	1
arget_CustBattDiag_rer2_validEngineStatus_Cht_igc.value	0





Name	Input Value	
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512	
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0	
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u1000000000000000000000000000000000000$	S_Elap 0	
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Compared to the compared to $	eurrent 4234667588	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_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_Igc	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_Ci		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f3		
target lowerVoltage volt u10p6	484	
target lowerVoltage volt u10p6 2	287	
target lowerVoltage volt u10p6 2 3	120	
target_lowerVoltage_volt_u10p6_2_3_4	731	
target lowerVoltage volt u10p6 2 3 4 5	721	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	832	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	861	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	823	
target lowerWindowThresh Cnt u16	1777	
target_lowerWindowThresh_Cnt_u16_2	12980	
target_lowerWindowThresh_Cnt_u16_2_3	47711	
target_lowerWindowThresh_Cnt_u16_2_3_4	53008	
target_lowerWindowThresh_Cnt_u16_2_3_4_5	21623	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	57985	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	14687	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	27519	
target_upperVoltage_volt_u10p6	49588	
target_upperVoltage_volt_u10p6_2	7213	
target_upperVoltage_volt_u10p6_2_3	31077	
target_upperVoltage_volt_u10p6_2_3_4	17547	
target_upperVoltage_volt_u10p6_2_3_4_5	18562	
target_upperVoltage_volt_u10p6_2_3_4_5_6	61713	
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	12509	
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	49260	
target_upperWindowThresh_Cnt_u16	34161	
target_upperWindowThresh_Cnt_u16_2	7767	
target_upperWindowThresh_Cnt_u16_2_3	53008	
target_upperWindowThresh_Cnt_u16_2_3_4	28536	
target_upperWindowThresh_Cnt_u16_2_3_4_5	28113	
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	28976	
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	19036	
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	40889	
Name	Actual Value Expected Value	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].rotDetectWindow_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[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32		
0 = 1.7 = = = =	0 0 0	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32		
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	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1664588153 1664588153	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	4234667588 4234667588	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	4234667588 4234667588	•
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	4234667588 4234667588	



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

Test Step 2.8 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte Call Ap CustBattDiag EpsEn OP GET(signal)	target Rte Call Ap CustBattDiag EpsEn OP GET signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(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	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

CustBattDiag Per2

2018-05-17, 14:48:36+0530



Input Value target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 207.460205 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap 0 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 4188669751 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 579 target_lowerVoltage_volt_u10p6_2 736 419 target_lowerVoltage_volt_u10p6_2_3 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 65497 $target_upperVoltage_volt_u10p6_2_3_4_5_6_7$ target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 57113 target_upperWindowThresh_Cnt_u16 34658 target_upperWindowThresh_Cnt_u16_2 15961 56425 target upperWindowThresh Cnt u16 2 3 target_upperWindowThresh_Cnt_u16_2_3_4 42041 4514 target_upperWindowThresh_Cnt_u16_2_3_4_5 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 **Expected Value** Name **Actual Value** Result CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 4188669751 4188669751 $CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32$ 4188669751 4188669751 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 4188669751 4188669751 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 4188669751 4188669751 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 4188669751 4188669751 $CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32$ 4188669751 4188669751 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 0 0 $CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32$ 0 0 $CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32$ 4234667588 4234667588 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 4234667588 4234667588 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 0 Λ CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 0 1664588153 1664588153 $CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32$ CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 4188669751 4188669751 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 4188669751 4188669751 4188669751 CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32 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	~

est Step 2.9 (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
stBattDiagNtcConfig_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
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
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
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(ElapsedTin	
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()	4
CustBattDiagLOIspd_kph_f32	251.419098
CustBattDiaghispd_kph_f32	55.9911919
CustBattDiaglospd_kph_f32	440.437439
get CustBattDiag Per2 Batt Volt f32.value	19.7072048
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_Fet2_EngOn_Cnt_tgc.value	5
get CustBattDiag Per2 SttdSelected Cnt lgc.value	0
get_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
get_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	
rget CustBattDiag_Per2_veriicleSpeed Valid_Crit_igc.value	452.458527
got_oustbattbiag_i etz_veriloleopeeu_tyht_isz.value	0

CustBattDiag Per2

2018-05-17, 14:48:36+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 843 $target_lowerVoltage_volt_u10p6$ target_lowerVoltage_volt_u10p6_2 926 223 target_lowerVoltage_volt_u10p6_2_3 708 target_lowerVoltage_volt_u10p6_2_3_4 592 target_lowerVoltage_volt_u10p6_2_3_4_5 target_lowerVoltage_volt_u10p6_2_3_4_5_6 1003 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 740 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 28 target_lowerWindowThresh_Cnt_u16 33415 target lowerWindowThresh Cnt u16 2 62997 target_lowerWindowThresh_Cnt_u16_2_3 32138 target_lowerWindowThresh_Cnt_u16_2_3_4 29789 target_lowerWindowThresh_Cnt_u16_2_3_4_5 55880 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 55403 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 53430 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 14153 target_upperVoltage_volt_u10p6 479 target_upperVoltage_volt_u10p6_2 27214 target_upperVoltage_volt_u10p6_2_3 24759 58739 target_upperVoltage_volt_u10p6_2_3_4 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 37814 target upperWindowThresh Cnt u16 2 3 4 5 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 4188669751 $CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32$ 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 1935504216 1935504216 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 1935504216 1935504216 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 1935504216 1935504216 $CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32$ 0 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 0 0 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 1664588153 1664588153 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 1935504216 1935504216 CustBattDiagNtcTimer Str[7].detectWindow Cnt M u32 1935504216 1935504216 CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32 1935504216 1935504216



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

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





Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	506.108276		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_EupsedTime_mS_u$	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





Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	305.454041		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	_Elap 0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Cu	urrent 756272949		
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_u08	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		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSe	lected_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt	lgc target_CustBattDiag_Per2_ValidE	ngineStatus_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt	t_lgc target_CustBattDiag_Per2_Vehicle	eSpeedValid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_Vehicle	Speed Kph f32	
target_lowerVoltage_volt_u10p6	124		
target_lowerVoltage_volt_u10p6_2	551		
target_lowerVoltage_volt_u10p6_2_3	960		
target_lowerVoltage_volt_u10p6_2_3_4	849		
target_lowerVoltage_volt_u10p6_2_3_4_5	192		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	715		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	466		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	464		
target lowerWindowThresh Cnt u16	30833		
target lowerWindowThresh Cnt u16 2	52961		
target lowerWindowThresh Cnt u16 2 3	51725		
target lowerWindowThresh Cnt u16 2 3 4	60628		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	5118		
target lowerWindowThresh Cnt u16 2 3 4 5 6	16927		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	59835		
target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8	51876		
target_upperVoltage_volt_u10p6	34950		
target upperVoltage volt u10p6 2	22797		
target_upperVoltage_volt_u10p6_2_3	62931		
target upperVoltage volt u10p6 2 3 4	52710		
target_upperVoltage_volt_u10p6_2_3_4_5	64721		
target_upperVoltage_volt_u10p6_2_3_4_5_6	10216		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	29268		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	24647		
target upperWindowThresh Cnt u16	57046		
target upperWindowThresh Cnt u16 2	37868		
target upperWindowThresh Cnt u16 2 3	60628		
target_upperWindowThresh_Cnt_u16_2_3_4	31392		
target upperWindowThresh Cnt u16 2 3 4 5	46780		
target upperWindowThresh Cnt u16 2 3 4 5 6	69		
target upperWindowThresh Cnt u16 2 3 4 5 6 7	59481		
target upperWindowThresh Cnt u16 2 3 4 5 6 7 8	11170		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	756272949	756272949	Kesuit
CustBattDiagNtcTimer Str[0].notDetectWindow Cnt_M_u32	756272949	756272949	
	756272949	756272949	
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	756272949	756272949	
	756272949	756272949	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	756272949	756272949	
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_us2	0	0	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	
	3623021652	3623021652	
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3623021652	3623021652	
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32			
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3623021652	3623021652	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	756272949	756272949	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	756272949	756272949	
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	756272949	756272949	· ·



Test Step Call Trace				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 2.12 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig Str[3].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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	339.725555
k_CustBattDiaghispd_kph_f32	342.628601
k_CustBattDiaglospd_kph_f32	324.396851
target_CustBattDiag_Per2_Batt_Volt_f32.value	26.2572422
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	12.1294603
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0



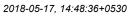


Name	Input Value		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela	•		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currer			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	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	target_CustBattDiag_Per2_EtatMT_Cnt_u08	3	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cr		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc			
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	ph_f32	
target lowerVoltage volt u10p6	931		
target_lowerVoltage_volt_u10p6_2	877		
target lowerVoltage volt u10p6 2 3	14		
target_lowerVoltage_volt_u10p6_2_3_4	168		
target_lowerVoltage_volt_u10p6_2_3_4_5	570		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	278		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	237		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	31		
target_lowerWindowThresh_Cnt_u16	7217		
target_lowerWindowThresh_Cnt_u16_2	64647		
target_lowerWindowThresh_Cnt_u16_2_3	57362		
target_lowerWindowThresh_Cnt_u16_2_3_4	34124		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	21197		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	31902		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	11878		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	22063		
target_upperVoltage_volt_u10p6	5745		
target_upperVoltage_volt_u10p6_2	53135		
target_upperVoltage_volt_u10p6_2_3	57181		
target_upperVoltage_volt_u10p6_2_3_4	63154		
target_upperVoltage_volt_u10p6_2_3_4_5	57381		
target_upperVoltage_volt_u10p6_2_3_4_5_6	54922		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	4035		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	221		
target_upperWindowThresh_Cnt_u16	59145		
target_upperWindowThresh_Cnt_u16_2	15758		
target_upperWindowThresh_Cnt_u16_2_3	34124		
target_upperWindowThresh_Cnt_u16_2_3_4	15078		
target_upperWindowThresh_Cnt_u16_2_3_4_5	10338		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	14889		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	19437		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	11608		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2364662404	2364662404	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2364662404	2364662404	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2364662404	2364662404	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2364662404	2364662404	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2364662404	2364662404	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2364662404	2364662404	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2364662404	2364662404	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2364662404	2364662404	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2364662404	2364662404	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2364662404	2364662404	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2364662404	2364662404	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	756272949	756272949	•



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

Test Step 2.13 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	247.524536
k_CustBattDiaghispd_kph_f32	60.1050873
k_CustBattDiaglospd_kph_f32	232.84552
target_CustBattDiag_Per2_Batt_Volt_f32.value	25.597971
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	12
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1





Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	178.792084		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u	u16_Elap 0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	_Current 773510415		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_B	att_Volt_f32	
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 CTerm Cnt Igc	target_CustBattDiag_Per2_C		
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 DmdDelestDa Cnt			
target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_E		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_E		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lc			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_0			
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 VehicleSpeedValid			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_		· •	
target lowerVoltage volt u10p6	990		
target lowerVoltage volt u10p6 2	996		
target lowerVoltage volt u10p6 2 3	959		
target_lowerVoltage_volt_u10p6_2_3_4	670		
target_lowerVoltage_volt_u10p6_2_3_4_5	260		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	233		
target lowerVoltage volt_u10p6_2_3_4_5_6 7	986		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	302		
target lowerWindowThresh Cnt u16	46961		
target lowerWindowThresh Cnt u16 2	54026		
	16182		
target_lowerWindowThresh_Cnt_u16_2_3			
target_lowerWindowThresh_Cnt_u16_2_3_4	32872		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	65408		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	65286		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38303		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	49935		
target_upperVoltage_volt_u10p6	35326		
target_upperVoltage_volt_u10p6_2	4352		
target_upperVoltage_volt_u10p6_2_3	37941		
target_upperVoltage_volt_u10p6_2_3_4	13813		
target_upperVoltage_volt_u10p6_2_3_4_5	25377		
target_upperVoltage_volt_u10p6_2_3_4_5_6	31412		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	13903		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	45913		
target_upperWindowThresh_Cnt_u16	12364		
target_upperWindowThresh_Cnt_u16_2	2519		
target_upperWindowThresh_Cnt_u16_2_3	32872		
target_upperWindowThresh_Cnt_u16_2_3_4	49711		
target_upperWindowThresh_Cnt_u16_2_3_4_5	59140		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	44539		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	37186		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	19218		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	773510415	773510415	-
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	773510415	773510415	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	773510415	773510415	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	773510415	773510415	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	773510415	773510415	•
CustBattDiagNtcTimer Str[2].notDetectWindow Cnt M u32	773510415	773510415	•
CustBattDiagNtcTimer Str[3].detectWindow Cnt M u32	0	0	
CustBattDiagNtcTimer Str[3].notDetectWindow Cnt M u32	0	0	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2364662404	2364662404	
CustBattDiagNtcTimer Str[4].notDetectWindow Cnt M u32	2364662404	2364662404	•
CustBattDiagNtcTimer Str[5].detectWindow Cnt M u32	0	0	
CustBattDiagNtcTimer Str[5].notDetectWindow Cnt M u32	0	0	
CustBattDiagNtcTimer Str[6].detectWindow Cnt M u32	2364662404	2364662404	
CustBattDiagNtcTimer Str[6].notDetectWindow Cnt_M_u32	773510415	773510415	
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	773510415	773510415	
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	773510415	773510415	



Test Step Call Trace				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	~

est Step 2.14 (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
stBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
ustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
stBattDiagNtcConfig_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
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	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(ElapsedTin	
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	217.466568
CustBattDiaghispd_kph_f32	384.945709
CustBattDiaglospd_kph_f32	185.897675
get CustBattDiag Per2 Batt Volt f32.value	20.4658451
get_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
get CustBattDiag Per2 DmdDelestDa Cnt u08.value	1
get_CustBattDiag_Per2_EngOn_Cnt_Igc.value	0
pet_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8
get CustBattDiag Per2 SttdSelected Cnt Igc.value	0
get_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
get_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
get_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	499.401703
got_oustbattblag_r ciz_veriloleopeeu_tpli_loz.value	100.100





Name	Input Value			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	•			
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			
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 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_Igc			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32		target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
target lowerVoltage volt u10p6	595			
target_lowerVoltage_volt_u10p6_2	56			
target lowerVoltage volt u10p6 2 3	1005			
target_lowerVoltage_volt_u10p6_2_3_4	508			
target_lowerVoltage_volt_u10p6_2_3_4_5	215			
target_lowerVoltage_volt_u10p6_2_3_4_5_6	934			
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	777			
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	431			
target lowerWindowThresh Cnt u16	23334			
target lowerWindowThresh Cnt u16 2	3665			
target lowerWindowThresh Cnt u16 2 3	22878			
target lowerWindowThresh Cnt u16 2 3 4	14772			
target lowerWindowThresh Cnt u16 2 3 4 5	64362			
target lowerWindowThresh Cnt u16 2 3 4 5 6	18053			
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	48702			
target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8	7308			
target_upperVoltage_volt_u10p6	30977			
target upperVoltage volt u10p6 2	30517			
target_upperVoltage_volt_u10p6_2_3	38239			
target upperVoltage volt u10p6 2 3 4	58175			
target_upperVoltage_volt_u10p6_2_3_4_5	61491			
target upperVoltage volt u10p6 2 3 4 5 6	38777			
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	24302			
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	25016			
target_upperWindowThresh_Cnt_u16	39453			
target_upperWindowThresh_Cnt_u16_2	13189			
target upperWindowThresh Cnt u16 2 3	14772			
target upperWindowThresh Cnt u16 2 3 4	4855			
target upperWindowThresh Cnt u16 2 3 4 5	24998			
target upperWindowThresh Cnt u16 2 3 4 5 6	25836			
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	47446			
target upperWindowThresh Cnt u16 2 3 4 5 6 7 8	34611			
		Even etcal Value	Daguilé	
Name	Actual Value	Expected Value	Result	
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	384192508	384192508		
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	384192508	384192508	V	
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	384192508	384192508	V	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	384192508	384192508	V	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	384192508	384192508	•	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	384192508	384192508	✓	
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	•	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✓	
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	384192508	384192508	V	
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	384192508	384192508	V	
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	V	
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				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
CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target_upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Euppersums_ms_u$	ар 0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current and the property of $	ent 4246247395		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc	:	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_	Cnt_u08	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgd	:	
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	
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lg$	c target_CustBattDiag_Per2_ValidEngineSta	tus_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_logerset and the property of the pro$	target_CustBattDiag_Per2_VehicleSpeedV	alid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_	Kph_f32	
target_lowerVoltage_volt_u10p6	504		
target_lowerVoltage_volt_u10p6_2	309		
target_lowerVoltage_volt_u10p6_2_3	388		
target_lowerVoltage_volt_u10p6_2_3_4	458		
target_lowerVoltage_volt_u10p6_2_3_4_5	159		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	436		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	493		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	875		
target_lowerWindowThresh_Cnt_u16	33710		
target_lowerWindowThresh_Cnt_u16_2	44838		
target_lowerWindowThresh_Cnt_u16_2_3	2690		
target lowerWindowThresh Cnt u16 2 3 4	65344		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	57202		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	13153		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	35577		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	40995		
target upperVoltage volt u10p6	41922		
target_upperVoltage_volt_u10p6_2	30661		
target upperVoltage volt u10p6 2 3	45016		
target_upperVoltage_volt_u10p6_2_3_4	53406		
target_upperVoltage_volt_u10p6_2_3_4_5	10955		
target_upperVoltage_volt_u10p6_2_3_4_5_6	40400		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	24322		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	44424		
target_upperWindowThresh_Cnt_u16	29844		
target_upperWindowThresh_Cnt_u16_2	15335		
target_upperWindowThresh_Cnt_u16_2_3	65344		
target_upperWindowThresh_Cnt_u16_2_3_4	7889		
target_upperWindowThresh_Cnt_u16_2_3_4_5	761		
target upperWindowThresh Cnt u16 2 3 4 5 6	21195		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	7833		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	49642		
Name	Actual Value	Expected Value	Resul
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	
	0	0	
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32		2364662404	_
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2364662404	2364662404	
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32		2364662404 4246247395 4246247395	



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

Test Step 2.16 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig Str[3].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOlspd_kph_f32	399.648529
k_CustBattDiaghispd_kph_f32	168.871094
k CustBattDiaglospd kph f32	201.990463
target_CustBattDiag_Per2_Batt_Volt_f32.value	16.6311455
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	216.068512
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1

CustBattDiag Per2

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Input Value target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap 0 $target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$ 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 $target_lowerVoltage_volt_u10p6$ 176 target_lowerVoltage_volt_u10p6_2 111 708 target_lowerVoltage_volt_u10p6_2_3 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 58836 target_upperVoltage_volt_u10p6_2_3_4 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 51742 target upperWindowThresh Cnt u16 2 3 4 5 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 1997622479 $CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32$ 1997622479 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 1997622479 1997622479 $CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32$ 1997622479 1997622479 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 1997622479 1997622479 1997622479 1997622479 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 0 n $CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32$ 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 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	

ame	Input Value
custBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
custBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
custBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
custBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
custBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 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
CustBattDiagNtcConfig_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
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
ustBattDiagNtcConfig Str[4].upperVoltage 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
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
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
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
tte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTir	n target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
te_Mode_Ap_CustBattDiag_SystemState_Mode()	3
_CustBattDiagLOIspd_kph_f32	210.002106
_CustBattDiaghispd_kph_f32	71.8588562
_CustBattDiaglospd_kph_f32	443.847565
rget_CustBattDiag_Per2_Batt_Volt_f32.value	29.7746296
rrget_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	14
rrget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
arget_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	253.606369
arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1

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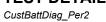


Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E	lap 0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current and the property of $	ent 1675319290		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt	t_f32	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_Igc	target_CustBattDiag_Per2_CTerm_0	Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDele	estDa_Cnt_u08	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_0	Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_0	Cnt_u08	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelect	cted_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_logersetures and the property of the$	c target_CustBattDiag_Per2_ValidEng	ineStatus_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IqUstBattDiag_Per2_VehicleSpeedValid_Cnt_IqUstBattDiag_Per2_VehicleSpeedValid_Cnt_IqUstBattDiag_Per2_VehicleSpeedValid_Cnt_Iqus$	gc target_CustBattDiag_Per2_VehicleS	peedValid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleS	peed_Kph_f32	
target_lowerVoltage_volt_u10p6	722		
target_lowerVoltage_volt_u10p6_2	920		
target_lowerVoltage_volt_u10p6_2_3	233		
target_lowerVoltage_volt_u10p6_2_3_4	546		
target_lowerVoltage_volt_u10p6_2_3_4_5	678		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	721		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	851		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	107		
target_lowerWindowThresh_Cnt_u16	62782		
target_lowerWindowThresh_Cnt_u16_2	33734		
target_lowerWindowThresh_Cnt_u16_2_3	51377		
target_lowerWindowThresh_Cnt_u16_2_3_4	60121		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	11340		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	30315		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	12978		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	42254		
target_upperVoltage_volt_u10p6	22686		
target_upperVoltage_volt_u10p6_2	16225		
target_upperVoltage_volt_u10p6_2_3	2009		
target_upperVoltage_volt_u10p6_2_3_4	46191		
target_upperVoltage_volt_u10p6_2_3_4_5	58969		
target_upperVoltage_volt_u10p6_2_3_4_5_6	63620		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	50552		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	19907		
target_upperWindowThresh_Cnt_u16	25087		
target_upperWindowThresh_Cnt_u16_2	14503		
target_upperWindowThresh_Cnt_u16_2_3	60121		
target_upperWindowThresh_Cnt_u16_2_3_4	17453		
target_upperWindowThresh_Cnt_u16_2_3_4_5	19106		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	25354		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	50561		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	54430		
Name	Actual Value	Expected Value	Resul
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1675319290	1675319290	•
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1675319290	1675319290	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	1675319290	1675319290	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	1675319290	1675319290	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	1675319290	1675319290	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1675319290	1675319290	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1675319290	1675319290	•
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	1675319290	1675319290	
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2364662404	2364662404	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1675319290	1675319290	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1675319290	1675319290	•
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1675319290	1675319290	•



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

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage 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].lowerVoltage_volt_u10p0 CustBattDiagNtcConfig_Str[1].upperWindowThresh 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_lowerVoltage_volt_u10po_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	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_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	sedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Current	Fime) 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
C_CustBattDiagLOIspd_kph_f32	209.081436
CustBattDiaghispd_kph_f32	378.111084
CustBattDiaglospd_kph_f32	192.754654
arget_CustBattDiag_Per2_Batt_Volt_f32.value	16.6021767
arget_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
arget_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
arget_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
arget_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_EupsedTime_mS_u16_EupsedTime_mS_u16_EupsedTime_mS_u16_EupsedTime_mS_u16_EupsedTime_upse$	ар 0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current and the property of $	ent 3450440717		
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	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_EtatM7	Γ_Cnt_u08	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSe	elected_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lg	c target_CustBattDiag_Per2_ValidE	ngineStatus_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_Ique$	target_CustBattDiag_Per2_Vehicle	eSpeedValid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_Vehicle	eSpeed_Kph_f32	
target_lowerVoltage_volt_u10p6	986		
target_lowerVoltage_volt_u10p6_2	692		
target_lowerVoltage_volt_u10p6_2_3	636		
target_lowerVoltage_volt_u10p6_2_3_4	24		
target_lowerVoltage_volt_u10p6_2_3_4_5	972		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	347		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	948		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	104		
target_lowerWindowThresh_Cnt_u16	42205		
target_lowerWindowThresh_Cnt_u16_2	33115		
target_lowerWindowThresh_Cnt_u16_2_3	60267		
target_lowerWindowThresh_Cnt_u16_2_3_4	54153		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	31228		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	13937		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	56344		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	52026		
target upperVoltage volt u10p6	38456		
target upperVoltage volt u10p6 2	26504		
target_upperVoltage_volt_u10p6_2_3	6956		
target upperVoltage volt u10p6 2 3 4	57882		
target_upperVoltage_volt_u10p6_2_3_4_5	17044		
target upperVoltage volt u10p6 2 3 4 5 6	52019		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	32630		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	22488		
target_upperWindowThresh_Cnt_u16	11967		
target upperWindowThresh Cnt u16 2	51951		
target upperWindowThresh Cnt u16 2 3	54153		
target upperWindowThresh Cnt u16 2 3 4	36333		
target upperWindowThresh Cnt u16 2 3 4 5	214		
target upperWindowThresh Cnt u16 2 3 4 5 6	25899		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	60199		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7953		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer Str[0].detectWindow Cnt M u32	3450440717	3450440717	,
CustBattDiagNtcTimer Str[0].notDetectWindow Cnt_W_u32	3450440717	3450440717	
CustBattDiagNtcTimer Str[1].detectWindow Cnt M u32	3450440717	3450440717	
CustBattDiagNtcTimer_Str[1].netDetectWindow_Crt_w_us2 CustBattDiagNtcTimer_Str[1].netDetectWindow_Crt_w_us2	3450440717	3450440717	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3450440717	3450440717	
CustBattDiagNtcTimer Str[2].notDetectWindow Cnt_M_u32	3450440717	3450440717	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_us2 CustBattDiagNtcTimer_Str[3].detectWindow Cnt M us2	0	0	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[3].notbetectWindow_Cnt_M_us2 CustBattDiagNtcTimer Str[4].detectWindow Cnt M u32	3450440717	3450440717	
CustBattDiagNtcTimer_Str[4].notDetectWindow_Crit_W_us2 CustBattDiagNtcTimer_Str[4].notDetectWindow Crit_M us2	3450440717	3450440717	
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	
	0	0	
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32			
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2364662404	2364662404	
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3450440717	3450440717	
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3450440717	3450440717	
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3450440717	3450440717	



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

Test Step 2.19 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOlspd_kph_f32	21.9076004
k_CustBattDiaghispd_kph_f32	233.416443
k_CustBattDiaglospd_kph_f32	0.0667701736
target_CustBattDiag_Per2_Batt_Volt_f32.value	13.8913221
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	12
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1





Name	Input Value	
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	236.968155	
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0	
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16$	_Elap 0	
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Call_Ap_C$	urrent 3306280184	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u0	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_Cn	_lgc target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeedValid_Cn	t_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32	
target_lowerVoltage_volt_u10p6	1	
target_lowerVoltage_volt_u10p6_2	940	
target_lowerVoltage_volt_u10p6_2_3	599	
target_lowerVoltage_volt_u10p6_2_3_4	205	
target lowerVoltage volt u10p6 2 3 4 5	25	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	718	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	256	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	409	
target lowerWindowThresh Cnt u16	11418	
target_lowerWindowThresh_Cnt_u16_2	61365	
target lowerWindowThresh Cnt u16 2 3	56915	
target lowerWindowThresh Cnt u16 2 3 4	21156	
target lowerWindowThresh Cnt u16 2 3 4 5	17114	
target lowerWindowThresh Cnt u16 2 3 4 5 6	17185	
target lowerWindowThresh Cnt u16 2 3 4 5 6 7	3849	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	28166	
target_upperVoltage_volt_u10p6	29846	
target_upperVoltage_volt_u10p6_2	64777	
target_upperVoltage_volt_u10p6_2_3	709	
target upperVoltage volt u10p6 2 3 4	65105	
target_upperVoltage_volt_u10p6_2_3_4_5	41812	
target_upperVoltage_volt_u10p6_2_3_4_5_6	2769	
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	23105	
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	43341	
target_upperWindowThresh_Cnt_u16	65485	
target_upperWindowThresh_Cnt_u16_2	63382	
target_upperWindowThresh_Cnt_u16_2_3	21156	
target upperWindowThresh Cnt u16 2 3 4	63659	
target_upperWindowThresh_Cnt_u16_2_3_4_5	15975	
target upperWindowThresh Cnt u16 2 3 4 5 6	49222	
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	4511	
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	2011	
Name	Actual Value Expected Value	Resul
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	3306280184 3306280184	ixesui
CustBattDiagNtcTimer Str[0].notDetectWindow Cnt_M_u32	3306280184 3306280184	
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_us2 CustBattDiagNtcTimer_Str[1].detectWindow Cnt M u32	3306280184 3306280184	
CustBattDiagNtcTimer_Str[1].netDetectWindow_Crit_M_us2 CustBattDiagNtcTimer_Str[1].netDetectWindow Cnt M us2	3306280184 3306280184	
	3306280184 3306280184	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow Cnt_M u32		
5 = 1.7 = = = =	3450440717 3450440717	
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0 0	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32		
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	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0 0 000000404	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3306280184 3306280184	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3306280184 3306280184	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3306280184 3306280184	•
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3306280184 3306280184	



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

Test Step 2.20 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte Call Ap CustBattDiag EpsEn OP GET(signal)	target Rte Call Ap CustBattDiag EpsEn OP GET signal
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	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()	1
k CustBattDiagLOIspd kph f32	108.565147
k CustBattDiaghispd kph f32	150.230255
k_CustBattDiaglospd_kph_f32	481.392944
target CustBattDiag Per2 Batt Volt f32.value	29.6518517
target CustBattDiag Per2 CTerm Cnt Igc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0
target CustBattDiag Per2 SttdSelected Cnt Igc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	0

CustBattDiag_Per2

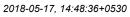


Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	188.71431		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u1$			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Outlines and the property of the property of$	Current 3418117713		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt	_Volt_f32	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_Igc	target_CustBattDiag_Per2_CTe	rm_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_ut	08 target_CustBattDiag_Per2_Dmc	dDelestDa_Cnt_u08	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_Eng		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_Etat		
target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_SttdSelected_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cr			
target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeedValid_C			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f3		icleSpeed_Kph_f32	
target_lowerVoltage_volt_u10p6	3		
target_lowerVoltage_volt_u10p6_2	951		
target_lowerVoltage_volt_u10p6_2_3	988		
target_lowerVoltage_volt_u10p6_2_3_4	984		
target_lowerVoltage_volt_u10p6_2_3_4_5	161		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	950		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	870		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	464		
target_lowerWindowThresh_Cnt_u16	63426		
target_lowerWindowThresh_Cnt_u16_2	34400		
target_lowerWindowThresh_Cnt_u16_2_3	19258		
target_lowerWindowThresh_Cnt_u16_2_3_4	47201		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	54734		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	34669		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38082		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	6053		
target_upperVoltage_volt_u10p6	16312		
target_upperVoltage_volt_u10p6_2	63505		
target_upperVoltage_volt_u10p6_2_3	45306		
target_upperVoltage_volt_u10p6_2_3_4	17361		
target_upperVoltage_volt_u10p6_2_3_4_5	33798		
target_upperVoltage_volt_u10p6_2_3_4_5_6	7399		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	47709		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	15218		
target_upperWindowThresh_Cnt_u16	24328		
target_upperWindowThresh_Cnt_u16_2	16111		
target_upperWindowThresh_Cnt_u16_2_3	47201		
target_upperWindowThresh_Cnt_u16_2_3_4	35516		
target_upperWindowThresh_Cnt_u16_2_3_4_5	23513		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	34838		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	5308		
target_upperWindow1hresh_Cnt_u16_2_3_4_5_6_7_8	60003	l=	
Name	Actual Value	Expected Value	Resul
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	3418117713	3418117713	•
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	3418117713	3418117713	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	3418117713	3418117713	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3418117713	3418117713	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3418117713	3418117713	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3418117713	3418117713	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3418117713	3418117713	•
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3418117713	3418117713	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3306280184	3306280184	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3418117713	3418117713	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3418117713	3418117713	
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	3418117713	3418117713	



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

Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].upperVoltage volt u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
custBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].lowerVnlidowTrilesin_Crit_u10	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_EpsEn_OP_GEn(signal) Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapsed	
Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32(CurrentTim	
kte_Call_pp_custBattDiag_System*rime_GetSystem*rime_m3_u32(cument rim kte_Inst_Ap_CustBattDiag	target Rte Inst Ap CustBattDiag
Rte Mode Ap CustBattDiag SystemState Mode()	2
: CustBattDiagLOIspd kph f32	213.397064
CustBattDiaghispd kph f32	134.156265
CustBattDiaglospd kph f32	363.319
_custbattDiaglospu_kpri_isz arget CustBattDiag Per2 Batt Volt f32.value	28.3585014
arget CustBattDiag Per2 CTerm Cnt Igc.value	1
arget_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
arget CustBattDiag Per2 EngOn Cnt Igc.value	1
arget CustBattDiag Per2 EtatMT Cnt u08.value	1
arget_CustBattDiag_Per2_Etativi1_Cnt_uos.value	0
arget_CustBattDiag_Per2_SttdSelected_Cnt_igc.value arget_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
arget_CustBattDiag_Per2_validEnglinestatus_Crit_igc.value	0





Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	12.5214405		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currer	t 2643989205		
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 Batt Volt f32	target_CustBattDiag_Per2_Batt_Volt_f3	32	
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 DmdDelestI		
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_Igc	target_CustBattDiag_Per2_SttdSelecter		
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 ValidEngineStatus Cnt Igc	target CustBattDiag Per2 ValidEngine		
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 VehicleSpeedValid Cnt Igo	target CustBattDiag Per2 VehicleSpe	edValid Cnt Igc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpe		
target lowerVoltage volt u10p6	17		
target lowerVoltage volt u10p6 2	200		
target lowerVoltage volt u10p6 2 3	1022		
target_lowerVoltage_volt_u10p6_2_3_4	596		
target_lowerVoltage_volt_u10p6_2_3_4_5	562		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	846		
target lowerVoltage volt u10p6 2 3 4 5 6 7	628		
target lowerVoltage volt u10p6 2 3 4 5 6 7 8	266		
target lowerWindowThresh Cnt u16	49591		
target lowerWindowThresh Cnt u16 2	19997		
target lowerWindowThresh Cnt u16 2 3	40010		
target_lowerWindowThresh_Cnt_u16_2_3_4	50546		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	16851		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	1280		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	52131		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	1720		
target_upperVoltage_volt_u10p6	20320		
target_upperVoltage_volt_u10p6_2	50755		
target_upperVoltage_volt_u10p6_2_3	38111		
target_upperVoltage_volt_u10p6_2_3_4	34335		
target upperVoltage volt u10p6 2 3 4 5	36196		
target_upperVoltage_volt_u10p6_2_3_4_5_6	50919		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	38575		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	12880		
target_upperWindowThresh_Cnt_u16	25222		
target upperWindowThresh Cnt u16 2	6539		
target upperWindowThresh Cnt u16 2 3	50546		
target upperWindowThresh Cnt u16 2 3 4	50664		
target_upperWindowThresh_Cnt_u16_2_3_4_5	5124		
target upperWindowThresh Cnt u16 2 3 4 5 6	55648		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	10021		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	3917		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer Str[0].detectWindow Cnt M u32	2643989205	2643989205	Result
CustBattDiagNtcTimer Str[0].notDetectWindow Cnt M u32	2643989205	2643989205	-
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2643989205	2643989205	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2643989205	2643989205	-
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2643989205	2643989205	
CustBattDiagNtcTimer_Str[2].oetectWindow_Cnt_M_u32	2643989205	2643989205	-
	0	0	
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2643989205	2643989205	
	2643989205	2643989205	
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	2643989205	2643989205	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2643989205	2643989205	
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2643989205	2643989205	
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2643989205	2643989205	



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

Test Step 2.22 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(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()	1
k_CustBattDiagLOIspd_kph_f32	67.6589432
k_CustBattDiaghispd_kph_f32	108.676208
k_CustBattDiaglospd_kph_f32	69.7161331
target_CustBattDiag_Per2_Batt_Volt_f32.value	5.8254714
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	3
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1





Name	Input Value	
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	215.599518	
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1	
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u1$	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
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_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapsed	dTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTin	ne) target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
te_Mode_Ap_CustBattDiag_SystemState_Mode()	1
CustBattDiagLOIspd_kph_f32	280.511566
CustBattDiaghispd_kph_f32	388.517151
CustBattDiaglospd_kph_f32	21.975523
rget_CustBattDiag_Per2_Batt_Volt_f32.value	22.5305729
rget_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
rget_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
rget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
rget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2
rget CustBattDiag Per2 SttdSelected Cnt Igc.value	1
rget CustBattDiag Per2 ValidEngineStatus Cnt Igc.value	0
rget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
arget CustBattDiag Per2 VehicleSpeed Kph f32.value	505.476257
rget Rte Call Ap CustBattDiag EpsEn OP GET signal	0

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Name	Input Value	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u1	_Elap 0	
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_GetSystemTime_mS_u32_GetSystemTime_mS_u32_GetSystemTime_mS_u32_GetSystemTime_mS_u32_GetSystemTime_mS_u32_GetSystemTime_mS_u332_GetSy$	urrent 213371776	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_uCostBattDiag_DelestDa_Cnt_uCostBattDiag_Per2_DmdDelestDa_DmdDelestDa_DmdDelestDa_DmdDelestDa_DmdDelestDa_DmdDelestDa_DmdDelestDa_DmdDelestDa_DmdDelestDa_DmdD$	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	
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgcaps and target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgcaps and target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgcaps and target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgcaps and target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgcaps and target_Rte_Inst_Ap_CustBattDiag_Rte_Inst_Ap_CustBattDi$	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cross_Results = 0.0000000000000000000000000000000000$	_lgc target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeedValid_CustBattDiag_Per2_VehicleSpeedVa$	t_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f3def.$	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32	
target_lowerVoltage_volt_u10p6	391	
target_lowerVoltage_volt_u10p6_2	284	
target_lowerVoltage_volt_u10p6_2_3	93	
target_lowerVoltage_volt_u10p6_2_3_4	878	
target_lowerVoltage_volt_u10p6_2_3_4_5	344	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	739	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	887	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	492	
target_lowerWindowThresh_Cnt_u16	42368	
target_lowerWindowThresh_Cnt_u16_2	10737	
target_lowerWindowThresh_Cnt_u16_2_3	56032	
target_lowerWindowThresh_Cnt_u16_2_3_4	50670	
target_lowerWindowThresh_Cnt_u16_2_3_4_5	57156	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	1156	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	62604	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7424	
target_upperVoltage_volt_u10p6	29288	
target_upperVoltage_volt_u10p6_2	3658	
target_upperVoltage_volt_u10p6_2_3	13500	
target_upperVoltage_volt_u10p6_2_3_4	25643	
target_upperVoltage_volt_u10p6_2_3_4_5	44808	
target_upperVoltage_volt_u10p6_2_3_4_5_6	26056	
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	44393	
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	20354	
target_upperWindowThresh_Cnt_u16	65330	
target_upperWindowThresh_Cnt_u16_2	16859	
target_upperWindowThresh_Cnt_u16_2_3	50670	
target_upperWindowThresh_Cnt_u16_2_3_4	4523	
target_upperWindowThresh_Cnt_u16_2_3_4_5	62935	
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	3091	
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	38383	
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	40621	
Name	Actual Value Expected Value	Resu
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	213371776 213371776	•
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	213371776 213371776	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	213371776 213371776	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	213371776 213371776	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	213371776 213371776	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	213371776 213371776	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	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	
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (Ela$	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	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, 14:48:36+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				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	~
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~

Test Step 2.25 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte Call Ap CustBattDiag EpsEn OP GET(signal)	target Rte Call Ap CustBattDiag EpsEn OP GET signal
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	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()	0
k CustBattDiagLOlspd 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 Igc.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 Igc.value	1
target CustBattDiag Per2 ValidEngineStatus Cnt Igc.value	0
target CustBattDiag Per2 VehicleSpeedValid Cnt Igc.value	0





Name	Input Value	
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	131.23526	
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1	
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u1$	6_Elap 0	
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_00000000000000000000000000000000000$	Current 1194040835	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_Igc	target_CustBattDiag_Per2_CTerm_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_ul	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_Ci	nt_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	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32	
target_lowerVoltage_volt_u10p6	816	
target_lowerVoltage_volt_u10p6_2	363	
target_lowerVoltage_volt_u10p6_2_3	971	
target_lowerVoltage_volt_u10p6_2_3_4	747	
target_lowerVoltage_volt_u10p6_2_3_4_5	274	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	384	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	613	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	1018	
target lowerWindowThresh Cnt u16	63406	
target_lowerWindowThresh_Cnt_u16_2	20156	
target lowerWindowThresh Cnt u16 2 3	49933	
target lowerWindowThresh Cnt u16 2 3 4	37523	
target lowerWindowThresh Cnt u16 2 3 4 5	40835	
target lowerWindowThresh Cnt u16 2 3 4 5 6	4087	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	52859	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	9803	
target_upperVoltage_volt_u10p6	45147	
target_upperVoltage_volt_u10p6_2	10892	
target_upperVoltage_volt_u10p6_2_3	23218	
target upperVoltage volt u10p6 2 3 4	11181	
target upperVoltage volt u10p6 2 3 4 5	52268	
target_upperVoltage_volt_u10p6_2_3_4_5_6	24041	
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	10045	
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	34587	
target_upperWindowThresh_Cnt_u16	5204	
target_upperWindowThresh_Cnt_u16_2	45735	
target_upperWindowThresh_Cnt_u16_2_3	37523	
target_upperWindowThresh_Cnt_u16_2_3_4	34538	
target_upperWindowThresh_Cnt_u16_2_3_4_5	18473	
target upperWindowThresh Cnt u16 2 3 4 5 6	29078	
target upperWindowThresh Cnt u16 2 3 4 5 6 7	43054	
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	18593	
Name	Actual Value Expected Value	Resul
	•	Resul
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	•
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	•
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)	1 444
Name	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
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
sustBattDiagNtcConfig_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
sustBattDiagNtcConfig_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
custBattDiagNtcConfig_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
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
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(ElapsedTir	
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
te_Mode_Ap_CustBattDiag_SystemState_Mode()	1
CustBattDiagLOlspd_kph_f32	348.423279
CustBattDiaghispd_kph_f32	318.659485
_CustBattDiaglospd_kph_f32	204.493988
rget CustBattDiag Per2 Batt Volt f32.value	23.7811527
rget CustBattDiag Per2 CTerm Cnt lgc.value	0
rget CustBattDiag Per2 DmdDelestDa Cnt u08.value	0
rget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
rget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	5
riget_CustBattDiag_Fer2_Etativi1_Crit_uoo.value	1
riget CustBattDiag Per2 ValidEngineStatus Cnt Igc.value	0
·	0
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	72.579216

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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 2470648349 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 439 $target_lowerVoltage_volt_u10p6$ target_lowerVoltage_volt_u10p6_2 219 514 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4 904 264 target_lowerVoltage_volt_u10p6_2_3_4_5 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 55784 target_upperVoltage_volt_u10p6_2_3_4 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 41260 target upperWindowThresh Cnt u16 2 3 4 5 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 4044 38923 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 41905 Name Actual Value **Expected Value** Result CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 2470648349 2470648349 2470648349 $CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32$ 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 2470648349 2470648349 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

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					
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)	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
sustBattDiagNtcConfig_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
sustBattDiagNtcConfig_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
sustBattDiagNtcConfig_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(ElapsedTir	
te Call Ap CustBattDiag SystemTime GetSystemTime mS u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
te_Mode_Ap_CustBattDiag_SystemState_Mode()	2
CustBattDiagLOIspd_kph_f32	411.341003
CustBattDiaghispd_kph_f32	116.799706
CustBattDiaglospd_kph_f32	481.70755
rget CustBattDiag Per2 Batt Volt f32.value	8.97348785
rget CustBattDiag Per2 CTerm Cnt Igc.value	0
rget CustBattDiag Per2 DmdDelestDa Cnt u08.value	1
rget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
rget_CustBattDiag_Per2_EngOn_Cnt_igc.value	4
rget CustBattDiag Per2 SttdSelected Cnt lgc.value	0
rget_CustBattDiag_Per2_Studserecteu_Crit_igc.value rget_CustBattDiag_Per2_ValidEngineStatus_Crit_igc.value	0
	0
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	329.667053
rget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	323.001033

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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 2983318312 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_2 801 target_lowerVoltage_volt_u10p6_2_3 107 target_lowerVoltage_volt_u10p6_2_3_4 642 686 target_lowerVoltage_volt_u10p6_2_3_4_5 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 19737 target_upperVoltage_volt_u10p6_2_3_4 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 49174 target upperWindowThresh Cnt u16 2 3 4 5 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 2983318312 $CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32$ 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 2983318312 2983318312 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 2983318312 2983318312

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0

@ Report	created by	TESSY	V3.1.13.	report t	emplate '	V2.1

 $CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32$

CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32

CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32

CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32

 $CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32$

CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32

CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32



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].lowerVnitedwrifesin_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].lowerViridowTifeSi1_Cit_uT0	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
кte_call_Ap_custBattDiag_epseti_or_set(signal) Rte_Call_Ap_custBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapsed	
Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32(CurrentTim	
Rte_Call_pp_custBattDiag_System inte_GetSystem inte_ints_usz(current inte Rte_Inst_Ap_CustBattDiag	target Rte Inst Ap CustBattDiag
Rte_Inst_Ap_custBattDiag SystemState Mode()	3
: CustBattDiagLOIspd kph f32	62.409317
CustBattDiaghispd kph f32	87.9040833
CustBattDiaglospd kph f32	428.175018
custbattDiag Per2 Batt Volt f32.value	20.3760033
arget CustBattDiag Per2 CTerm Cnt Igc.value	0
arget_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
arget CustBattDiag Per2 EngOn Cnt Igc.value	1
arget_CustBattDiag_Per2_EngOn_Cnt_igc.value	1
arget_CustBattDiag_Per2_Etativi1_Crit_uo6.value arget_CustBattDiag_Per2_SttdSelected_Crit_lgc.value	1
arget_CustBattDiag_Per2_StidSelected_Crit_lgc.value arget_CustBattDiag_Per2_ValidEngineStatus_Crit_lgc.value	1
arget_CustBattDiag_Per2_validEngineStatus_Crit_igc.value	0

CustBattDiag Per2

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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				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 2.29 (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

CustBattDiag Per2

2018-05-17, 14:48:36+0530



Input Value target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap 0 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 2341311019 target 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 660 $target_lowerVoltage_volt_u10p6$ target_lowerVoltage_volt_u10p6_2 1018 851 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4 752 760 target_lowerVoltage_volt_u10p6_2_3_4_5 target_lowerVoltage_volt_u10p6_2_3_4_5_6 612 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 888 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 945 target_lowerWindowThresh_Cnt_u16 24402 target lowerWindowThresh Cnt u16 2 5538 target_lowerWindowThresh_Cnt_u16_2_3 44617 target_lowerWindowThresh_Cnt_u16_2_3_4 43116 target_lowerWindowThresh_Cnt_u16_2_3_4_5 3559 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 40666 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 51850 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 2167 target_upperVoltage_volt_u10p6 24043 target_upperVoltage_volt_u10p6_2 31660 target_upperVoltage_volt_u10p6_2_3 19066 59684 target_upperVoltage_volt_u10p6_2_3_4 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 37970 target upperWindowThresh Cnt u16 2 3 4 5 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 2341311019 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 2341311019 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 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 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 0 0 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 2643989205 2643989205 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 2341311019 2341311019 CustBattDiagNtcTimer Str[7].detectWindow Cnt M u32 2341311019 2341311019 CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32 2341311019 2341311019



Test Step Call Trace				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	~

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
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[d].lowerVoltage_volt_u10po	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 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(Elapsed'	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal Tim target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_DtffffElapseuTime_mS_u16(Elapseu Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime	
	target_Rte_Call_Ap_custBattDiag_SystemTime_GetSystemTime_ms_usz_currentTime target Rte Inst Ap CustBattDiag
Rte_Inst_Ap_CustBattDiag	target_Rte_inst_Ap_custbattbiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	
_CustBattDiagLOlspd_kph_f32	240.258224 464.173981
_CustBattDiaghispd_kph_f32	
CustBattDiaglospd_kph_f32	92.2381058
arget_CustBattDiag_Per2_Batt_Volt_f32.value	18.7667007
arget_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
arget_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
arget_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1





Name	Input Value				
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	288.956116				
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1				
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapseDtrmnElapsedTime_DtrmnElapseDtrmnElaps$	Elap 0				
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Cu$	rrent 3236492576				
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32				
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lo	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	gc			
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_	lgc target_CustBattDiag_Per2_ValidEngineSt	atus_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_	lgc target_CustBattDiag_Per2_VehicleSpeed	Valid_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32			
target_lowerVoltage_volt_u10p6	679				
target_lowerVoltage_volt_u10p6_2	621				
target_lowerVoltage_volt_u10p6_2_3	45				
target_lowerVoltage_volt_u10p6_2_3_4	958				
target lowerVoltage volt u10p6 2 3 4 5	675				
target_lowerVoltage_volt_u10p6_2_3_4_5_6	716				
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	112				
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	960				
target lowerWindowThresh Cnt u16	54602				
target_lowerWindowThresh_Cnt_u16_2	31098				
target lowerWindowThresh Cnt u16 2 3	9958				
target lowerWindowThresh Cnt u16 2 3 4	25461				
target_lowerWindowThresh_Cnt_u16_2_3_4_5	58818				
target lowerWindowThresh Cnt u16 2 3 4 5 6	46451				
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	35489				
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	48594				
target_upperVoltage_volt_u10p6	63449				
target_upperVoltage_volt_u10p6_2	58524				
target_upperVoltage_volt_u10p6_2_3	41585				
target upperVoltage volt u10p6 2 3 4	20479				
target upperVoltage volt u10p6 2 3 4 5	53709				
target_upperVoltage_volt_u10p6_2_3_4_5_6	18026				
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	33380				
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	12051				
target_upperWindowThresh_Cnt_u16	64896				
target_upperWindowThresh_Cnt_u16_2	33965				
target_upperWindowThresh_Cnt_u16_2_3	25461				
target_upperWindowThresh_Cnt_u16_2_3_4	34969				
target_upperWindowThresh_Cnt_u16_2_3_4_5	25403				
target upperWindowThresh Cnt u16 2 3 4 5 6	15796				
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	63468				
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	37858				
Name	Actual Value	Expected Value	Resul		
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	3236492576	3236492576	Resul		
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	3236492576	3236492576			
0 = 1.7 = = =	3236492576 3236492576	3236492576			
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3236492576				
0 = 17 = = =		3236492576			
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3236492576	3236492576			
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3236492576	3236492576			
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0			
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0			
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3236492576	3236492576			
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3236492576	3236492576			
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	•		
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	•		
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3236492576	3236492576	•		
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3236492576	3236492576	•		
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3236492576	3236492576	•		
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3236492576	3236492576	•		



Rte_Mode_Ap_CustBattDiag_SystemState_Mode Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32 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_MxtrDiagMgr_GetNTCFailed 3 Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET 1 Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET 1 Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET 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_SystemTime_DtrmnElapsedTime_mS_u16 2 Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 2 Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 3 Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 4 Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnE				
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

2018-05-17, 14:48:36+0530



Input Value target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 25.0094929 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap 0 $target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current \\ \ 3753555517$ 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 351 target_lowerVoltage_volt_u10p6_2 538 747 target_lowerVoltage_volt_u10p6_2_3 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 30190 $target_upperVoltage_volt_u10p6_2_3_4_5_6_7$ target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 50961 target_upperWindowThresh_Cnt_u16 10128 target_upperWindowThresh_Cnt_u16_2 21380 53528 target upperWindowThresh Cnt u16 2 3 target_upperWindowThresh_Cnt_u16_2_3_4 62719 39838 target_upperWindowThresh_Cnt_u16_2_3_4_5 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 Expected Value Name **Actual Value** Result CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 3753555517 3753555517 $CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32$ 3753555517 3753555517 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 3753555517 3753555517 3753555517 3753555517 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 3753555517 3753555517 $CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32$ 3753555517 3753555517 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 0 0 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 0 0 $CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32$ 3236492576 3236492576 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 3236492576 3236492576 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 0 0 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 0 3236492576 $CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32$ 3236492576 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 3753555517 3753555517 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 3753555517 3753555517 3753555517 3753555517 CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32



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 2.32 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOlspd_kph_f32	350.127563
k_CustBattDiaghispd_kph_f32	88.9194946
k_CustBattDiaglospd_kph_f32	324.607025
target_CustBattDiag_Per2_Batt_Volt_f32.value	27.3115482
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	0
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	406.880493
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1

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Name	Input Value					
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u	16_Elap 0					
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_$	Current 283733848					
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Bat	t_Volt_f32				
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CT	target_CustBattDiag_Per2_CTerm_Cnt_lgc				
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u	u08 target_CustBattDiag_Per2_Dm	dDelestDa_Cnt_u08				
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_En	gOn_Cnt_lgc				
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_Eta	tMT_Cnt_u08				
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_Ig$	c target_CustBattDiag_Per2_Stte	dSelected_Cnt_lgc				
$target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_ValidEngineStatus_CustBattDiag_Per2_ValidEngineSta$	Cnt_lgc target_CustBattDiag_Per2_Val	idEngineStatus_Cnt_lgc				
$target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Output SpeedValid_Output SpeedVa$	Cnt_lgc target_CustBattDiag_Per2_Vel	nicleSpeedValid_Cnt_lgc				
$target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeed_Kph_inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_instAp_CustBattDiag_Per2_Vehicl$	f32 target_CustBattDiag_Per2_Vel	nicleSpeed_Kph_f32				
target_lowerVoltage_volt_u10p6	349					
target_lowerVoltage_volt_u10p6_2	77	77				
target_lowerVoltage_volt_u10p6_2_3	426					
target_lowerVoltage_volt_u10p6_2_3_4	449					
target_lowerVoltage_volt_u10p6_2_3_4_5	905					
target_lowerVoltage_volt_u10p6_2_3_4_5_6	97					
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	881					
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	409					
target_lowerWindowThresh_Cnt_u16	2938					
target_lowerWindowThresh_Cnt_u16_2	2248					
target_lowerWindowThresh_Cnt_u16_2_3	59400					
target_lowerWindowThresh_Cnt_u16_2_3_4	44140					
target_lowerWindowThresh_Cnt_u16_2_3_4_5	24777					
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	10140					
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	20573					
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	48272					
target_upperVoltage_volt_u10p6	5589					
target_upperVoltage_volt_u10p6_2	60791					
target_upperVoltage_volt_u10p6_2_3	2906					
target_upperVoltage_volt_u10p6_2_3_4	14481					
target_upperVoltage_volt_u10p6_2_3_4_5	50723					
target_upperVoltage_volt_u10p6_2_3_4_5_6	37365					
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	41489					
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	23355					
target_upperWindowThresh_Cnt_u16	24093					
target_upperWindowThresh_Cnt_u16_2	16665					
target_upperWindowThresh_Cnt_u16_2_3	44140					
target_upperWindowThresh_Cnt_u16_2_3_4	7060					
target_upperWindowThresh_Cnt_u16_2_3_4_5	26663					
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	36015					
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	21551					
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	29028					
Name	Actual Value	Expected Value	Resul			
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	283733848	283733848				
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	283733848	283733848				
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	283733848	283733848	•			
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	283733848	283733848	•			
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	283733848	283733848	•			
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	283733848	283733848	•			
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0				
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	•			
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	283733848	283733848				
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	283733848	283733848	•			
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	•			
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	•			
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3236492576	3236492576 3236492576				
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	283733848	283733848	•			
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	283733848	283733848 283733848				
Cacted at Blad to the Conf. Jude Conf. Index Conf. Ind						



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	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()	4
k CustBattDiagLOIspd kph f32	141.347183
k CustBattDiaghispd kph f32	0
k_CustBattDiaglospd_kph_f32	241.373901
target CustBattDiag Per2 Batt Volt f32.value	14.42237
target CustBattDiag Per2 CTerm Cnt Igc.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 Igc.value	1
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	1

CustBattDiag_Per2



Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	24.0019302		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3941497960		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_Igc	target_CustBattDiag_Per2_CTerm_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_u08	target_CustBattDiag_Per2_DmdDelestDa_C	: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	3	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc	target_CustBattDiag_Per2_ValidEngineStatu	us_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedVa	lid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_f32	
target_lowerVoltage_volt_u10p6	773		
target_lowerVoltage_volt_u10p6_2	179		
target_lowerVoltage_volt_u10p6_2_3	439		
target_lowerVoltage_volt_u10p6_2_3_4	497		
target_lowerVoltage_volt_u10p6_2_3_4_5	174		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	655		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	44		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	928		
target_lowerWindowThresh_Cnt_u16	9603		
target_lowerWindowThresh_Cnt_u16_2	19186		
target_lowerWindowThresh_Cnt_u16_2_3	14665		
target_lowerWindowThresh_Cnt_u16_2_3_4	27009		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	26305		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	50758		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	17544		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	12032		
target_upperVoltage_volt_u10p6	43427		
target_upperVoltage_volt_u10p6_2	62309		
target_upperVoltage_volt_u10p6_2_3	59808		
target_upperVoltage_volt_u10p6_2_3_4	50918		
target_upperVoltage_volt_u10p6_2_3_4_5	13395		
target_upperVoltage_volt_u10p6_2_3_4_5_6	38309		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	1725		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	40298		
target_upperWindowThresh_Cnt_u16	57181		
target_upperWindowThresh_Cnt_u16_2	24515		
target_upperWindowThresh_Cnt_u16_2_3	27009		
target_upperWindowThresh_Cnt_u16_2_3_4	60977		
target_upperWindowThresh_Cnt_u16_2_3_4_5	14996		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	3091		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	16659		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	38237		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	3941497960	3941497960	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	3941497960	3941497960	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	3941497960	3941497960	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3941497960	3941497960	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3941497960	3941497960	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3941497960	3941497960	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	283733848	283733848	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	283733848	283733848	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3941497960	3941497960	~
CustBattDiagNtcTimer Str[6].notDetectWindow Cnt M u32	3941497960	3941497960	✓
0 = 1:	0011101000	11 111	
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3941497960	3941497960	~



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





Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3312538681		
target_Rte_Inst_Ap_CustBattDiag_CustBattDiag_Per2_Batt_Volt_f32	target CustBattDiag Per2 Batt Volt f32		
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 CTerm Cnt Igc	target CustBattDiag Per2 CTerm Cnt Igc		
target Rte Inst Ap CustBattDiag.CustBattDiag Per2 DmdDelestDa Cnt u08	target_CustBattDiag_Per2_DmdDelestDa_C	ant 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_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	818	pii_132	
target_lowerVoltage_volt_u10p6_2	837		
target_lowerVoltage_volt_u10p6_2_3	851		
	857		
target_lowerVoltage_volt_u10p6_2_3_4			
target_lowerVoltage_volt_u10p6_2_3_4_5	155 589		
target_lowerVoltage_volt_u10p6_2_3_4_5_6			
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		
	36865		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8		I=	l
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	3312538681	3312538681	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	3312538681	3312538681	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	3312538681	3312538681	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3312538681	3312538681	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3312538681	3312538681	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3312538681	3312538681	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	-
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3312538681	3312538681	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3312538681	3312538681	-
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	-
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	-
CustBattDiagNtcTimer Str[6].detectWindow Cnt M u32	3941497960	3941497960	-
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3312538681	3312538681	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3312538681	3312538681	
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3312538681	3312538681	·
CONTRACTOR OF THE CONTRACTOR O	55.250001	55.2500001	



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].upperVvilaGw1ffesin_Cff_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
	· · · · · · · · · · · · · · · · · · ·
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	46.3778725
k_CustBattDiaghispd_kph_f32	8
k_CustBattDiaglospd_kph_f32	150.832413
target_CustBattDiag_Per2_Batt_Volt_f32.value	5.57354784
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	
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 Igc.value	0
target_CustBattDiag_Per2_validengineStatus_Cnt_igc.value	1





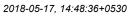
Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	212.664383		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
target Rte 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	nt u09	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_BrituDelestDa_C target_CustBattDiag_Per2_EngOn_Cnt_lgc	111_008	
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_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_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		
target lowerVoltage volt u10p6	836	511_132	
target lowerVoltage_volt_u10p6 2	111		
	956		
target_lowerVoltage_volt_u10p6_2_3	157		
target_lowerVoltage_volt_u10p6_2_3_4			
target_lowerVoltage_volt_u10p6_2_3_4_5	26		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	480 842		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7			
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	239		
target_lowerWindowThresh_Cnt_u16	10354		
target_lowerWindowThresh_Cnt_u16_2	50221		
target_lowerWindowThresh_Cnt_u16_2_3	26898		
target_lowerWindowThresh_Cnt_u16_2_3_4	10119		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	26284		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	49186		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	21827		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	63231		
target_upperVoltage_volt_u10p6	57509		
target_upperVoltage_volt_u10p6_2	7939		
target_upperVoltage_volt_u10p6_2_3	41281		
target_upperVoltage_volt_u10p6_2_3_4	32858		
target_upperVoltage_volt_u10p6_2_3_4_5	47252		
target_upperVoltage_volt_u10p6_2_3_4_5_6	11144		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	57224		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	44896		
target_upperWindowThresh_Cnt_u16	2835		
target_upperWindowThresh_Cnt_u16_2	34014		
target_upperWindowThresh_Cnt_u16_2_3	10119		
target_upperWindowThresh_Cnt_u16_2_3_4	48201		
target_upperWindowThresh_Cnt_u16_2_3_4_5	24617		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	29174		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	49003		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	3465		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2384226418	2384226418	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2384226418	2384226418	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2384226418	2384226418	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2384226418	2384226418	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2384226418	2384226418	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2384226418	2384226418	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2384226418	2384226418	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2384226418	2384226418	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32		0	~
	0	U	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3941497960	3941497960	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32			
	3941497960	3941497960	~



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_GetNTCFailed	3	~
CustBattDiag_GetImaginaryIgnVoltage	1	CustBattDiag_GetImaginaryIgnVoltage	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	•
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
CustBattDiag_ReportFaultWithHisteresis	1	CustBattDiag_ReportFaultWithHisteresis	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	•
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	
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u1000000000000000000000000000000000000$	6_Elap 0	
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Color = 0.0000000000000000000000000000000000$	urrent 712584737	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_CTerm_Cnt_lgc	target_CustBattDiag_Per2_CTerm_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_DmdDelestDa_Cnt_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_Igc	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_Cr	nt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeed_Kph_f3	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32	
target lowerVoltage volt u10p6	36	
target lowerVoltage volt u10p6 2	255	
target lowerVoltage volt u10p6 2 3	613	
target_lowerVoltage_volt_u10p6_2_3_4	271	
target lowerVoltage volt u10p6 2 3 4 5	778	
target_lowerVoltage_volt_u10p6_2_3_4_5_6	754	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	134	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	512	
target lowerWindowThresh Cnt u16	34549	
target_lowerWindowThresh_Cnt_u16_2	36255	
target lowerWindowThresh Cnt u16 2 3	52371	
target lowerWindowThresh Cnt u16 2 3 4	18039	
target_lowerWindowThresh_Cnt_u16_2_3_4_5	3310	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43515	
target lowerWindowThresh Cnt u16 2 3 4 5 6 7	7689	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	30630	
target_upperVoltage_volt_u10p6	11341	
target_upperVoltage_volt_u10p6_2	42156	
target_upperVoltage_volt_u10p6_2_3	32484	
target upperVoltage volt u10p6 2 3 4	984	
target_upperVoltage_volt_u10p6_2_3_4_5	28903	
target_upperVoltage_volt_u10p6_2_3_4_5_6	27267	
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	23139	
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	337	
target_upperVindayE_voit_u10p0_z_3_4_3_6_r_6 target_upperWindowThresh_Cnt_u16	29253	
	23519	
target_upperWindowThresh_Cnt_u16_2	18039	
target_upperWindowThresh_Cnt_u16_2_3		
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	1
Name	Actual Value Expected Value	Resul
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	
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	•



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

Test Step 2.37 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig Str[3].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOlspd_kph_f32	315.118378
k_CustBattDiaghispd_kph_f32	248.712433
k CustBattDiaglospd kph f32	512
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.0423527
target_CustBattDiag_Per2_CTerm_Cnt_lgc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	1
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	7
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	452.464783
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1





Name	Input Value				
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 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_Cnt_lgc				
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_ValidEngineStatus_Cnt_Igo	target_CustBattDiag_Per2_ValidEngineStatus_Cnt_lgc				
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igu	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc				
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	~	

Test Step 2.38 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig Str[3].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[3].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte Call Ap CustBattDiag EpsEn OP GET(signal)	target Rte Call Ap CustBattDiag EpsEn OP GET signal
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte Inst Ap CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
Rte Mode Ap CustBattDiag SystemState Mode()	3
k CustBattDiagLOlspd kph f32	146.688934
k CustBattDiaghispd kph f32	127.387489
k CustBattDiaglospd kph f32	8
target CustBattDiag Per2 Batt Volt f32.value	20.1726799
target CustBattDiag Per2 CTerm Cnt Igc.value	1
target_CustBattDiag_Per2_DmdDelestDa_Cnt_u08.value	0
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target CustBattDiag Per2 EtatMT Cnt u08.value	14
target CustBattDiag Per2 SttdSelected Cnt Igc.value	1
target CustBattDiag Per2 ValidEngineStatus Cnt Igc.value	0
target 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_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	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\UTP_PSA_CMP_CustBattDiag_Workspace\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



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

CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6 custBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6 custBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6 custBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 custBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 custBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 custBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 custBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 custBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 custBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 custBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 custBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 custBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 custBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 custBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 custBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 custBattDiagNtcConfig_Str[4].upperVoltage_	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[2].upperVindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[2].upperVindowThresh_Cnt_u16 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].upperVindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[3].upperVindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[3].upperVindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].upperVindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[5].upperWindowThresh_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].upperVindow	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].lowerVindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[2].lowerVindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 custBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 custBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 custBattDiagNtcConfig_Str[3].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[4].upperVoltage_volt_u10p6 custBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 custBattDiagNtcConfig_Str[4].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[5].upperVoltage_volt_u10p6 custBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 custBattDiagNtcConfig_Str[5].upperVo	
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CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[6].upperVoltag	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 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[5].upperVoltage_volt_u10p6 custBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 custBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3 CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3 CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3 CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16 target_lowerVoltage_volt_u10p6_2_3 CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16 target_lowerVoltage_volt_u10p6_2_3_4 CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u10p6 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u10p6 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	
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CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	
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CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 target_lowerWindowThresh_Cnt_u16_2_3_4 CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_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_upperVoltage_volt_u10p6_2_3_4_5 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5	
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CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 custBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5 custBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5 custBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5 CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_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_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5 CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_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_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5 CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustDatDisabltaConfig CtrlE1 loursyMindou/Throok Cat u40	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTim	
SystemTime_mS_T_u32 0 Voltage_Volts_T_u10p6 0	
k_LOINotDetect_Volts_u10p6 0 lowVoltageExtraCryteria_Cnt_T_lgc 0	
ntc CustBattDiagNtc E0	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap_0	
target lowerVoltage volt u10p6	
target lowerVoltage volt u10p6 2 0	
target lowerVoltage volt u10p6 2 3 0	
target_lowerVoltage_volt_u10p6_2_3 d 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	
target_lowerWindowThresh_Cnt_u16_2_3_4 0	
target_lowerWindowThresh_Cnt_u16_2_3_4_5	
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	
target_upperVoltage_volt_u10p6 0	
target_upperVoltage_volt_u10p6_2 0	
target_upperVoltage_volt_u10p6_2_3	



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	~

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

Test Step 1.2 (Repeat Count = 1)	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
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
$CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16$	target_upperWindowThresh_Cnt_u16_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	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedT$	dTim target_Rte_Call_Ap_CustBattDia	g_SystemTime_DtrmnElapsedTime_mS_u16	_ElapsedTime	
SystemTime_mS_T_u32	1712660671			
Voltage_Volts_T_u10p6	567			
k_LOIDetect_Volts_u10p6	0			
k_LOINotDetect_Volts_u10p6	0			
lowVoltageExtraCryteria_Cnt_T_lgc	1			
ntc	CustBattDiagNtc_E8			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapseDtrmn$	Elap 13615			
target_lowerVoltage_volt_u10p6	755			
target_lowerVoltage_volt_u10p6_2	889			
target_lowerVoltage_volt_u10p6_2_3	409			
target_lowerVoltage_volt_u10p6_2_3_4	1023			
target_lowerVoltage_volt_u10p6_2_3_4_5	568			
target_lowerVoltage_volt_u10p6_2_3_4_5_6	776			
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	413			
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	911			
target_lowerWindowThresh_Cnt_u16	7378			
target_lowerWindowThresh_Cnt_u16_2	19840			
target lowerWindowThresh Cnt u16 2 3	52957			
target lowerWindowThresh Cnt u16 2 3 4	59975			
target_lowerWindowThresh_Cnt_u16_2_3_4_5	34878			
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43855			
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	29768			
target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8	60680			
target_upperVoltage_volt_u10p6	755			
target_upperVoltage_volt_u10p6_2	889			
target_upperVoltage_volt_u10p6_2_3	409			
target_upperVoltage_volt_u10p6_2_3_4	720			
target_upperVoltage_volt_u10p6_2_3_4_5	568			
target_upperVoltage_volt_u10p6_2_3_4_5_6	776			
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	413			
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	911			
target_upperWindowThresh_Cnt_u16	64773			
target_upperWindowThresh_Cnt_u16_2	13372			
target upperWindowThresh Cnt u16 2 3	27712			
target_upperWindowThresh_Cnt_u16_2_3_4	57572			
target_upperWindowThresh_Cnt_u16_2_3_4_5	36316			
target upperWindowThresh Cnt u16 2 3 4 5 6	62666			
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	35266			
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	34561			
Name	Actual Value	Expected Value	Resu	
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	rtoou	
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0		
CustBattDiagNtcTimer_Str[0].NotDetectWindow_Cnt_M_u32	0	0		
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0		
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0		
CustBattDiagNtcTimer_Str[2].netDetectWindow_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[5].NotDetectWindow_Cnt_M_u32	0	0		
	0	0		
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0		
	0	0		
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32		1712660671		
CustPattDiagNtcTimer_Str[6] detect\/indexc_Ont_M_u22		11/120000/1		
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1712660671		· ·	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 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	2	Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	2	_

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Test Case 2: Range Test

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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==>Min
TS2.15 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
TS2.510CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16==>Min
TS2.510custBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16==>Max
TS2.52CustBattDiagNtcConfig_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



TS2.95CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6==>Min TS2.96CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6==>Max TS2.97CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6==>Pos TS2.98CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6==>Min TS2.99CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6==>Min TS2.99CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6==>Min TS2.100CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6==>Pos TS2.101CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6==>Min TS2.102CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6==>Min TS2.103CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6==>Pos TS2.104CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6==>Max TS2.105CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6==>Pos TS2.107CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6==>Max TS2.109CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6==>Max TS2.109CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6==>Pos TS2.110CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6==>Min TS2.111CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6==>Min TS2.111CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6==>Max TS2.112CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6==>Max TS2.112CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6==>Max TS2.112CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Max TS2.113CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Max TS2.113CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Max TS2.113CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Max TS2.113CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Max TS2.113CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Max TS2.113CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Max TS2.113CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Max TS2.113CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Max TS2.113CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Pos TS2.113CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6==>Pos TS2.11

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	V = W V = - V =
CustBattDiagNtcConfig_Str[5].lowerVnlidowTnlestr_Cnt_u10 CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7
0 0 1111 0 2 2 1	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_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_ns_u16(ElapsedTim	
SystemTime_mS_T_u32	0
Voltage_Volts_T_u10p6	0
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
IowVoltageExtraCryteria_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
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



Name	Input Value		
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		
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		
CustBattDiagNtcConfig_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		me_DtrmnElapsedTime_mS_u16_ElapsedTin	те
SystemTime_mS_T_u32	4294967295		
Voltage_Volts_T_u10p6	1023		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E9		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535 65535		
target_lowerVoltage_volt_u10p6	65535		
target_lowerVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2_3	65535		
target_lowerVoltage_volt_u10p6_2_3_4	65535		
target_lowerVoltage_volt_u10p6_2_3_4	65535		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	65535		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	65535		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	65535		
target lowerWindowThresh Cnt u16	65535		
target lowerWindowThresh Cnt u16 2	65535		
target lowerWindowThresh Cnt u16 2 3	65535		
target lowerWindowThresh Cnt u16 2 3 4	65535		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	65535		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	65535		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	65535		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	65535		
target_upperVoltage_volt_u10p6	65535		
target_upperVoltage_volt_u10p6_2	65535		
target_upperVoltage_volt_u10p6_2_3	65535		
target_upperVoltage_volt_u10p6_2_3_4	65535		
target_upperVoltage_volt_u10p6_2_3_4_5	65535		
target_upperVoltage_volt_u10p6_2_3_4_5_6	65535		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	65535		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	65535		
target_upperWindowThresh_Cnt_u16	65535		
target_upperWindowThresh_Cnt_u16_2	65535		
target_upperWindowThresh_Cnt_u16_2_3	65535		
target_upperWindowThresh_Cnt_u16_2_3_4	65535		
target_upperWindowThresh_Cnt_u16_2_3_4_5	65535		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	65535		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	65535		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	65535		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1712660671	1712660671	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	V
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

Test Step 2.3 (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 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	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_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	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2328168258
Voltage_Volts_T_u10p6	217
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
IowVoltageExtraCryteria_Cnt_T_Igc	O COMPANDIANA FO
ntc target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	CustBattDiagNtc_E0
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 target_lowerWindowThresh_Cnt_u16_2_3_4	28943
target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5	28943 7073
target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	28943 7073 64673
target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	28943 7073 64673 7284
target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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	28943 7073 64673 7284 6567
target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 target_upperVoltage_volt_u10p6	28943 7073 64673 7284 6567 23612
target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 target_upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2	28943 7073 64673 7284 6567 23612
target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 target_upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3	28943 7073 64673 7284 6567 23612
target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 target_upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2	28943 7073 64673 7284 6567 23612 8987 7265
target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 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_u10p6 target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4	28943 7073 64673 7284 6567 23612 8987 7265 50434
target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 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_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	28943 7073 64673 7284 6567 23612 8987 7265 50434 766
target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 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_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	28943 7073 64673 7284 6567 23612 8987 7265 50434 766 31502
target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 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_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	28943 7073 64673 7284 6567 23612 8987 7265 50434 766 31502 57393
target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 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_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_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	28943 7073 64673 7284 6567 23612 8987 7265 50434 766 31502 57393 13949
target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 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_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	28943 7073 64673 7284 6567 23612 8987 7265 50434 766 31502 57393 13949 50942
target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 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 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 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 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	28943 7073 64673 7284 6567 23612 8987 7265 50434 766 31502 57393 13949 50942 63439 13099 17918
target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 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_u10p6_2 target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4 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 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	28943 7073 64673 7284 6567 23612 8987 7265 50434 766 31502 57393 13949 50942 63439 13099 17918 52478
target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 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 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 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 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	28943 7073 64673 7284 6567 23612 8987 7265 50434 766 31502 57393 13949 50942 63439 13099 17918

TEST DETAILS REPORT CustBattDiag_ReportFaultWithHisteresis



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
_LOIDetect_Volts_u10p6	0
z_LOINotDetect_Volts_u10p6	0
pwVoltageExtraCryteria_Cnt_T_lgc	1
tc	CustBattDiagNtc_E9
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	53143
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
target lowerVoltage volt u10p6 2 3 4 5	46351



Name	Input Value		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	64601		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	20105		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	37226		
target_lowerWindowThresh_Cnt_u16	65510		
target_lowerWindowThresh_Cnt_u16_2	15790		
target_lowerWindowThresh_Cnt_u16_2_3	45688		
target_lowerWindowThresh_Cnt_u16_2_3_4	25844		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	20313		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	1288		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	14009		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	28032		
target_upperVoltage_volt_u10p6	60908		
target_upperVoltage_volt_u10p6_2	39484		
target_upperVoltage_volt_u10p6_2_3	7701		
target_upperVoltage_volt_u10p6_2_3_4	55447		
target_upperVoltage_volt_u10p6_2_3_4_5	46351		
target_upperVoltage_volt_u10p6_2_3_4_5_6	64601		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	20105		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	37226		
target_upperWindowThresh_Cnt_u16	62097		
target_upperWindowThresh_Cnt_u16_2	60747		
target_upperWindowThresh_Cnt_u16_2_3	36278		
target upperWindowThresh Cnt u16 2 3 4	40970		
target upperWindowThresh Cnt u16 2 3 4 5	15294		
target upperWindowThresh Cnt u16 2 3 4 5 6	20862		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	32245		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	44317		
Name	Actual Value	Expected Value	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	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



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Name	Input Value		
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	1_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	3	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	5_6	
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	1_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	5_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	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	5_7_8	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTi	ime
SystemTime_mS_T_u32	589552193		
Voltage_Volts_T_u10p6	413		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E2		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
target_lowerVoltage_volt_u10p6	58163		
target_lowerVoltage_volt_u10p6_2	60191		
target_lowerVoltage_volt_u10p6_2_3	50872		
target_lowerVoltage_volt_u10p6_2_3_4	711		
target_lowerVoltage_volt_u10p6_2_3_4_5	35354		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	10806		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	14436		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	26475		
target_lowerWindowThresh_Cnt_u16	1843		
target_lowerWindowThresh_Cnt_u16_2	16186		
target_lowerWindowThresh_Cnt_u16_2_3	22193		
target_lowerWindowThresh_Cnt_u16_2_3_4	2011		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	63806		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	14042		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38485		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	47566		
target_upperVoltage_volt_u10p6	58163		
target_upperVoltage_volt_u10p6_2	60191		
target_upperVoltage_volt_u10p6_2_3	50872		
target_upperVoltage_volt_u10p6_2_3_4	711		
target_upperVoltage_volt_u10p6_2_3_4_5	35354		
target_upperVoltage_volt_u10p6_2_3_4_5_6	10806		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	14436		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	26475		
target_upperWindowThresh_Cnt_u16	37082		
target_upperWindowThresh_Cnt_u16_2	1841		
target_upperWindowThresh_Cnt_u16_2_3	28186		
target_upperWindowThresh_Cnt_u16_2_3_4	39285		
target_upperWindowThresh_Cnt_u16_2_3_4_5	13247		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	18213		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	27040		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	57991		
Name	Actual Value	Expected Value	Resu
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	
	0	0	
CustBattDiagNtcTimer Str[3].detectWindow Cnt M u32	0	0	
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32			
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32		0	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	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	0 0 0	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	0 0 0 0	0 0 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 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0 0 0 0 1712660671	0 0 0 1712660671	
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	0 0 0 0	0 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 An CustBattDiag NxtrDiagMgr SetNTCStatus	1	Rte Call An CustBattDiag NxtrDiagMgr SetNTCStatus	1	✓	

est Step 2.6 (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 ustBattDiagNtcConfig_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
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	
ystemTime mS T u32	3282021079
oltage_Volts_T_u10p6	407
LOIDetect Volts u10p6	0
_LOINotDetect_Volts_u10p6	0
wVoltageExtraCryteria_Cnt_T_lgc	0
tc	CustBattDiagNtc_E8
rget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 E	
irget_lowerVoltage_volt_u10p6	13239
liget_lowerVoltage_volt_u10p6_2	44258
rget_lowerVoltage_volt_u10p6_2_3	65058
irget_lowerVoltage_volt_u10p6_2_3_4	28598
rget lowerVoltage_volt_u10p6_2_3_4	14041
rget_lowerVoltage_volt_u10p6_2_3_4_5_6	65535
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	14124
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	904
rget lowerWindowThresh Cnt u16	36475
rget_lowerWindowThresh_Cnt_u16_2	65075
rget lowerWindowThresh Cnt u16 2 3	3429
rget lowerWindowThresh Cnt u16 2 3 4	38909
rget lowerWindowThresh Cnt u16 2 3 4 5	5377
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	56154
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38068
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	64082
urget_upperVoltage_volt_u10p6	13239
rget upperVoltage volt u10p6 2	44258
liget_upperVoltage_volt_u10p6_2_3	65058
liget_upperVoltage_volt_u10p6_2_3_4	28598



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

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

Test Step 2.7 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8



Name	Input Value		
	•	ime OtrmoElansedTime mS u16 ElansedTim	10
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	2645466218	ime_buminciapsed rime_mb_u to_ciapsed rim	ic
SystemTime_mS_T_u32	168		
Voltage_Volts_T_u10p6	0		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	1		
lowVoltageExtraCryteria_Cnt_T_lgc			
ntc	CustBattDiagNtc_E8		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	12897		
target_lowerVoltage_volt_u10p6	3735		
target_lowerVoltage_volt_u10p6_2	53802		
target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3 4	43254		
· · · · · · · · · · · · · · · · · · ·	27792		
target_lowerVoltage_volt_u10p6_2_3_4_5			
target_lowerVoltage_volt_u10p6_2_3_4_5_6	58862 47748		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7			
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerWindowThresh_Cnt_u16	13310 6219		
target_lowerWindowThresh_Cnt_u16_2	5490		
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		
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	



CustbattDiag_ReportFauitWitinisteresis		(dae i	
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 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	4	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_	4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	4.5.0	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_	· 	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6_2_3_4_5_ target_lowerWindowThresh_Cnt_u16_2_3_4_5_		
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_	6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_	4_5_6_7_8	
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(Elapsed	0 0- /	Fime_DtrmnElapsedTime_mS_u16_ElapsedTir	ne
SystemTime_mS_T_u32	2276148984		
Voltage_Volts_T_u10p6	0		
k_LOIDetect_Volts_u10p6 k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria Cnt T Igc	1		
ntc	CustBattDiagNtc_E6		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E			
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 target_lowerWindowThresh_Cnt_u16	904 36475		
target_lowerWindowThresh_Cnt_u16_2	65075		
target lowerWindowThresh Cnt u16 2 3	3429		
target lowerWindowThresh Cnt u16 2 3 4	38909		
target lowerWindowThresh Cnt u16 2 3 4 5	5377		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	56154		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38068		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	64082		
target_upperVoltage_volt_u10p6	13239		
target_upperVoltage_volt_u10p6_2	44258		
target_upperVoltage_volt_u10p6_2_3	65058		
target_upperVoltage_volt_u10p6_2_3_4	28598		
target_upperVoltage_volt_u10p6_2_3_4_5	14041		
target_upperVoltage_volt_u10p6_2_3_4_5_6	61418		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	14124		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperWindowThresh Cnt_u16	904 48753		
target_uppervvindowThresh_Cnt_u16 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	Resi
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	
	2328168258	2328168258	
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32			
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	
	0	0	

TEST DETAILS REPORT CustBattDiag_ReportFaultWithHisteresis



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	3513160172	3513160172	_

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)	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
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	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		
CustBattDiagNtcConfig_Str[5].lowerVoltage_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	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_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(ElapsedTin			Time
SystemTime mS T u32	1712660671	12 1 1,111 12 12 12 12 1,111	
Voltage_Volts_T_u10p6	567		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E8		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$			
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 58354		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperWindowThresh_Cnt_u16	64773		
target_upperWindowThresh_Cnt_u16_2	13372		
target_upperWindowThresh_Cnt_u16_2_3	27712		
target upperWindowThresh Cnt u16 2 3 4	57572		
target_upperWindowThresh_Cnt_u16_2_3_4_5	36316		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	62666		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	35266		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	34561		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	•
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2276148984	2276148984	
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	-
CuetPattDiagNtcTimer_Str[5] notDetectWindow_Cnt_M_u22	0		
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0 3282021079	3282021079	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3282021079	3282021079	-
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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 2.11 (Repeat Count = 1)	Input Value
lame	Input Value
sustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6 target_lowerWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].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_lowervoltage_vole_110po_2 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
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	0
oltage_Volts_T_u10p6	519
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
wVoltageExtraCryteria_Cnt_T_lgc	0
tc	CustBattDiagNtc_E8
riget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	Elap 0
rget_lowerVoltage_volt_u10p6	13442
rget_lowerVoltage_volt_u10p6_2	5788
rget_lowerVoltage_volt_u10p6_2_3	18701
rget_lowerVoltage_volt_u10p6_2_3_4	15674
rget_lowerVoltage_volt_u10p6_2_3_4_5	34028
rget_lowerVoltage_volt_u10p6_2_3_4_5_6	18026
irget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	9345
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	0
rget_lowerWindowThresh_Cnt_u16	56084
rget_lowerWindowThresh_Cnt_u16_2	43277
rget_lowerWindowThresh_Cnt_u16_2_3	61571
rget_lowerWindowThresh_Cnt_u16_2_3_4	751
rget_lowerWindowThresh_Cnt_u16_2_3_4_5	60929
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	51153
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	63173
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7051
rget_upperVoltage_volt_u10p6	13442
rget_upperVoltage_volt_u10p6_2	5788
get_upperVoltage_volt_u10p6_2_3	18701
rget_upperVoltage_volt_u10p6_2_3_4	15674
rget_upperVoltage_volt_u10p6_2_3_4_5	34028
rget_upperVoltage_volt_u10p6_2_3_4_5_6	18026
rget_upperVoltage_volt_u10p6_2_3_4_5_6_7	9345
rget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	45745
rget_upperWindowThresh_Cnt_u16	39401
urget_upperWindowThresh_Cnt_u16_2	39826
arget_upperWindowThresh_Cnt_u16_2_3	20723
	18039
rget_upperWindowThresh_Cnt_u16_2_3_4	10039
arget_upperWindowThresh_Cnt_u16_2_3_4 arget_upperWindowThresh_Cnt_u16_2_3_4_5	55579



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	•
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	3513169172	3513169172	

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

Test Step 2.13 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4



CustbattDiag_ReportFaultWittiFlisteresis		(MEC)	JUL
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	4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5	
CustBattDiagNtcConfig_Str[4].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	_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_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	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 CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6_2_3_4_5_0 target_lowerWindowThresh_Cnt_u16_2_3_4_5_0		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTire_ms_u16)		,_,_o ime_DtrmnElapsedTime_mS_u16_ElapsedTir	me
SystemTime_mS_T_u32	2984204194		110
Voltage_Volts_T_u10p6	122		
k_LOIDetect_Volts_u10p6	0		
k LOINotDetect Volts u10p6	0		
lowVoltageExtraCryteria Cnt T Igc	0		
ntc	CustBattDiagNtc_E9		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela	p 23501		
target_lowerVoltage_volt_u10p6	64482		
target_lowerVoltage_volt_u10p6_2	5166		
target_lowerVoltage_volt_u10p6_2_3	49918		
target_lowerVoltage_volt_u10p6_2_3_4	52304		
target_lowerVoltage_volt_u10p6_2_3_4_5	26726		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	24743		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	42827		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	40053		
target_lowerWindowThresh_Cnt_u16	4351		
target_lowerWindowThresh_Cnt_u16_2	36978		
target_lowerWindowThresh_Cnt_u16_2_3	36706		
target_lowerWindowThresh_Cnt_u16_2_3_4	59774		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	60630		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	33570 34903		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	10353		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 target_upperVoltage_volt_u10p6	64482		
target upperVoltage volt u10p6 2	5166		
target upperVoltage volt_u10p6_2 target upperVoltage volt u10p6_2_3	49918		
target_upperVoltage_volt_u10p6_2_3_4	52304		
target upperVoltage volt u10p6 2 3 4 5	26726		
target upperVoltage volt u10p6 2 3 4 5 6	24743		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	42827		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	40053		
target upperWindowThresh Cnt u16	54154		
target_upperWindowThresh_Cnt_u16_2	34332		
target_upperWindowThresh_Cnt_u16_2_3	34946		
target_upperWindowThresh_Cnt_u16_2_3_4	62145		
target_upperWindowThresh_Cnt_u16_2_3_4_5	43610		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	34399		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	65196		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	53324		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	•
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2276148984	2276148984	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	4294967295	4294967295	
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	



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

Test Step Call Trace				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



CustBattDiag_ReportFaultWithHisteresis	1070-03-77, 74.30.30+0330		Razoncat
Name	Input Value		
target_upperVoltage_volt_u10p6_2_3_4_5	65372		
target_upperVoltage_volt_u10p6_2_3_4_5_6	30758		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	22584		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	26089		
target_upperWindowThresh_Cnt_u16	58791		
target_upperWindowThresh_Cnt_u16_2	26223		
target_upperWindowThresh_Cnt_u16_2_3	16159		
target_upperWindowThresh_Cnt_u16_2_3_4	56664		
target_upperWindowThresh_Cnt_u16_2_3_4_5	63598		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	48763		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	1578		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	38753		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2276148984	2276148984	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2235902008	2235902008	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2235902008	2235902008	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2984204194	2984204194	✓

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

Test Step 2.15 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	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 Elap	· -		
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	Pocult
	2328168258	2328168258	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	-
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			
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	
CustBattDiagNtcTimer Str[2].notDetectWindow_Cnt_ini_u32 CustBattDiagNtcTimer Str[3].detectWindow Cnt M u32	589552193 0	589552193 0	•
· - · ·		0	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	2157004648		
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648 2157004648	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	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 2235902008	-
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	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 2.16 (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 duitvitin noteresis			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	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_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			
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 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	~

Fest Step 2.17 (Repeat Count = 1)	Input Value
	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
custBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_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
custBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[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
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
sustBattDiagNtcConfig_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
ustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig Str[6].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig 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
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(Elaps	
ystemTime_mS_T_u32	1875858654
oltage_Volts_T_u10p6	316
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
wVoltageExtraCryteria Cnt T lgc	1
W Voltage Extra Gryteria_Grit_1_igc	CustBattDiagNtc E7
.orget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	· -
arget_lowerVoltage_volt_u10p6	0 0
rget lowerVoltage_volt_u10p6	10572
arget lowerVoltage volt_u10p6_2	19167
	25255
arget_lowerVoltage_volt_u10p6_2_3_4 arget_lowerVoltage_volt_u10p6_2_3_4_5	3094
0 = 0 = 1 = = = =	
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	8362
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	23354
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	10130
arget_lowerWindowThresh_Cnt_u16	25399
arget_lowerWindowThresh_Cnt_u16_2 arget_lowerWindowThresh_Cnt_u16_2_3	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_0	6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	I_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_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(ElapsedTim		ime_DtrmnElapsedTime_mS_u16_ElapsedT	ïme
SystemTime_mS_T_u32	891424982		
Voltage_Volts_T_u10p6	180		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
IowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$			
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 47927		
target_upperVoltage_volt_u10p6_2_3_4	27403		
target_upperVoltage_volt_u10p6_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5_6	20962		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	46881		
target upperVoltage volt u10p6 2 3 4 5 6 7 8	36293		
target_upperWindowThresh_Cnt_u16	60393		
target upperWindowThresh Cnt u16 2	9934		
target upperWindowThresh Cnt u16 2 3	57582		
target upperWindowThresh Cnt u16 2 3 4	58489		
target upperWindowThresh Cnt u16 2 3 4 5	16263		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	51836		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	30287		
target upperWindowThresh Cnt u16 2 3 4 5 6 7 8	63644		
Name	Actual Value	Expected Value	Resul
CustBattDiagNtcTimer Str[0].detectWindow Cnt M u32	2328168258	2328168258	Rosul
CustBattDiagNtcTimer Str[0].notDetectWindow Cnt M u32	2328168258	2328168258	
CustBattDiagNtcTimer Str[1].detectWindow Cnt M u32	891424982	891424982	
CustBattDiagNtcTimer_Str[1].netDetectWindow_Cnt_M_u32	891424982	891424982	
CustBattDiagNtcTimer Str[2].detectWindow Cnt M u32	589552193	589552193	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	
CustBattDiagNtcTimer Str[3].notDetectWindow Cnt M u32	0	0	
CustBattDiagNtcTimer Str[4].detectWindow Cnt M u32	2157004648	2157004648	
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	
CustBattDiagNtcTimer Str[5].detectWindow Cnt M u32	0	0	
CustBattDiagNtcTimer Str[5].notDetectWindow Cnt M u32	1875858654	1875858654	
2	813026960	813026960	
CustBattDiagNtcTimer Str[6].detectWindow Cnt M u32			
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	813026960	813026960	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32		813026960 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 An CustBattDiag NxtrDiagMgr SetNTCStatus	1	Rte Call An 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_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_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	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		
		l=	I
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				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 2.20 (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
<pre>c_LOIDetect_Volts_u10p6</pre>	0
<pre>c_LOINotDetect_Volts_u10p6</pre>	0
pwVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E8
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	· -
rarget_lowerVoltage_volt_u10p6	46399
arget lowerVoltage volt u10p6 2	15518
arget 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_u	16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u	16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2		.40 Flores dTime
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		_SystemTime_DtrmnElapsedTime_mS_u	116_ElapsedTime
SystemTime_mS_T_u32	1907879047 36		
Voltage_Volts_T_u10p6 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 u1			
target lowerVoltage volt u10p6	11948		
target lowerVoltage_volt_u10p6 2	59908		
target lowerVoltage volt u10p6 2 3	30804		
target_lowerVoltage_volt_u10p6_2_3_4	59718		
target_lowerVoltage_volt_u10p6_2_3_4_5	51030		
target lowerVoltage volt u10p6 2 3 4 5 6	52969		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	28179		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	7825		
target lowerWindowThresh Cnt u16	45893		
target_lowerWindowThresh_Cnt_u16_2	3485		
target_lowerWindowThresh_Cnt_u16_2_3	22816		
target_lowerWindowThresh_Cnt_u16_2_3_4	16829		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	57505		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	12554		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	18077		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	51402		
target_upperVoltage_volt_u10p6	11948		
target_upperVoltage_volt_u10p6_2	59908		
target_upperVoltage_volt_u10p6_2_3	30804		
target_upperVoltage_volt_u10p6_2_3_4	59718		
target_upperVoltage_volt_u10p6_2_3_4_5	51030		
target_upperVoltage_volt_u10p6_2_3_4_5_6	52969		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	28179		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	7825		
target_upperWindowThresh_Cnt_u16	65535		
target_upperWindowThresh_Cnt_u16_2	64586		
target_upperWindowThresh_Cnt_u16_2_3	11332		
target_upperWindowThresh_Cnt_u16_2_3_4	43155		
target_upperWindowThresh_Cnt_u16_2_3_4_5	26185		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	63963		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	39498		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	30014		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258	2328168258	•
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258	2328168258	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	891424982	891424982	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	891424982	891424982	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	•
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1875858654	1875858654	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	813026960	813026960	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3106878671	3106878671	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	•
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	2984204194	2984204194	-



Test Step Call Trace				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 02 2 1	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(ElapsedTim	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	



Name	Input Value		
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2		
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2		
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3		
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3		
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3		
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3		
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4		
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4		
CustBattDiagNtcConfig Str[3].lowerWindowThresh Cnt u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig Str[3].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4 5		
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4 5		
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6		
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 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	7	
CustBattDiagNtcConfig_Str[6].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_7	2.7.0	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8		Fi
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elap		OtrmnElapsedTime_mS_u16_ElapsedT	ime
SystemTime_mS_T_u32	2120574965		
Voltage_Volts_T_u10p6	966		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E1		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u1	6 Elap 13189		
target_lowerVoltage_volt_u10p6	36901		
target_lowerVoltage_volt_u10p6_2	2665		
target_lowerVoltage_volt_u10p6_2_3	64196		
target_lowerVoltage_volt_u10p6_2_3_4	50961		
target_lowerVoltage_volt_u10p6_2_3_4_5	18864		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	44426		
target lowerVoltage volt u10p6 2 3 4 5 6 7	16395		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	8187		
target lowerWindowThresh Cnt u16	61970		
target lowerWindowThresh Cnt u16 2	65535		
target lowerWindowThresh Cnt u16 2 3	3718		
	8924		
target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5	38588		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	26832		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	37695		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	64920		
target_upperVoltage_volt_u10p6	36901		
target_upperVoltage_volt_u10p6_2	2665		
target_upperVoltage_volt_u10p6_2_3	64196		
target_upperVoltage_volt_u10p6_2_3_4	50961		
target_upperVoltage_volt_u10p6_2_3_4_5	18864		
target_upperVoltage_volt_u10p6_2_3_4_5_6	44426		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	16395		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	8187		
target_upperWindowThresh_Cnt_u16	713		
target_upperWindowThresh_Cnt_u16_2	12527		
target_upperWindowThresh_Cnt_u16_2_3	4939		
target_upperWindowThresh_Cnt_u16_2_3_4	47206		
target upperWindowThresh Cnt u16 2 3 4 5	49720		
target upperWindowThresh Cnt u16 2 3 4 5 6	31593		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	20205		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	14767		
Name		pected Value	Res
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	2328168258 232	8168258	
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2328168258 232	8168258	
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785 222	2682785	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965 212	0574965	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32		552193	



Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2157004648	2157004648	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2157004648	2157004648	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	3618895506	3618895506	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	3618895506	3618895506	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	813026960	813026960	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3106878671	3106878671	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✓
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	2984204194	2984204194	✓

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

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
sustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
custBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
custBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2
custBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
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
custBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
ustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
custBattDiagNtcConfig_Str[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
rustBattDiagNtcConfig_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
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
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
rustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
custBattDiagNtcConfig_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
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
ustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_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	1820141330
oltage_Volts_T_u10p6	692
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
wVoltageExtraCryteria_Cnt_T_lgc	0
tc	CustBattDiagNtc_E0
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u	116_Elap
arget_lowerVoltage_volt_u10p6	39107
irget_lowerVoltage_volt_u10p6_2	38144
arget_lowerVoltage_volt_u10p6_2_3	27820
irget_lowerVoltage_volt_u10p6_2_3_4	6920
rget_lowerVoltage_volt_u10p6_2_3_4_5	28659
rget_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_8	20254
arget_lowerWindowThresh_Cnt_u16	24221
arget_lowerWindowThresh_Cnt_u16_2	44185
arget_lowerWindowThresh_Cnt_u16_2_3	36701
arget lowerWindowThresh Cnt u16 2 3 4	46921



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

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

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

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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 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 $CustBattDiagNtcConfig_Str[6]. IowerWindowThresh_Cnt_u16$ 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 $CustBattDiagNtcConfig_Str[7]. IowerWindowThresh_Cnt_u16$ 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 $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16\\ (ElapsedTime_target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16\\ (ElapsedTime_target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16\\ (ElapsedTime_target_Rte_Call_Ap_CustBattDiag_SystemTime_target_Rte_Call_Ap_CustBattDiag_Sys$ SystemTime_mS_T_u32 Voltage Volts T u10p6 295 k_LOIDetect_Volts_u10p6 0 k LOINotDetect Volts u10p6 n IowVoltageExtraCryteria_Cnt_T_lgc 0 CustBattDiagNtc E7 ntc $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$ 30700 target lowerVoltage volt u10p6 28171 $target_lowerVoltage_volt_u10p6_2$ 0 target_lowerVoltage_volt_u10p6_2_3 12265 target_lowerVoltage_volt_u10p6_2_3_4 8700 target_lowerVoltage_volt_u10p6_2_3_4_5 21597 target_lowerVoltage_volt_u10p6_2_3_4_5_6 32846 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 10138 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 11579 target_lowerWindowThresh_Cnt_u16 22330 target_lowerWindowThresh_Cnt_u16_2 40937 target_lowerWindowThresh_Cnt_u16_2_3 41177 target_lowerWindowThresh_Cnt_u16_2_3_4 17403 target_lowerWindowThresh_Cnt_u16_2_3_4_5 6585 target lowerWindowThresh Cnt u16 2 3 4 5 6 13852 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 42724 target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8 44987 target_upperVoltage_volt_u10p6 28171 target_upperVoltage_volt_u10p6_2 0 12265 target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4 8700 21597 target_upperVoltage_volt_u10p6_2_3_4_5 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 36646 target upperWindowThresh Cnt u16 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 15054 $target_upperWindowThresh_Cnt_u16_2_3_4_5_6$ target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 33055 $target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8$ 15024 Name Actual Value Expected Value Result CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 1820141330 1820141330 CustBattDiagNtcTimer Str[0].notDetectWindow Cnt M u32 1820141330 1820141330 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 2222682785 2222682785 $CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32$ 2120574965 2120574965 $CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32$ 589552193 589552193 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 589552193 589552193 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 2855943358 2855943358 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 1907879047 1907879047 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 2157004648 2157004648 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 2157004648 2157004648 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 2521123499 2521123499 $CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32$ 2521123499 2521123499 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 813026960 813026960 $CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32$ 3106878671 3106878671

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CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32

CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32



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)	
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(ElapsedTir	
ystemTime mS T u32	2558372975
	1023
oltage_Volts_T_u10p6	0
_LOIDetect_Volts_u10p6	
_LOINotDetect_Volts_u10p6	0 0
wVoltageExtraCryteria_Cnt_T_lgc	
	CustBattDiagNtc_E8
rget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela	•
arget_lowerVoltage_volt_u10p6	37486
irget_lowerVoltage_volt_u10p6_2	65535
rget_lowerVoltage_volt_u10p6_2_3	11545
rget_lowerVoltage_volt_u10p6_2_3_4	13292
rget_lowerVoltage_volt_u10p6_2_3_4_5	51714
rget_lowerVoltage_volt_u10p6_2_3_4_5_6	43837
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	8470
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	6803
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
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	21836
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	55151
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	37741
rget_upperVoltage_volt_u10p6	37486
rget_upperVoltage_volt_u10p6_2	65535
irget_upperVoltage_volt_u10p6_2_3	11545
	13292
irget_upperVoltage_volt_u10p6_2_3_4	

Test Step Call Trace

Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16

Actual Function



Count Result

2

Input Value		
43837		
8470		
6803		
38162		
31995		
990		
14366		
58535		
55277		
40337		
63592		
Actual Value	Expected Value	Result
1820141330	1820141330	~
1820141330	1820141330	~
2222682785	2222682785	-
2120574965	2120574965	•
589552193	589552193	~
589552193	589552193	•
2855943358	2855943358	~
1907879047	1907879047	~
2157004648	2157004648	~
2157004648	2157004648	~
2521123499	2521123499	~
2521123499	2521123499	~
2558372975	2558372975	~
2558372975	2558372975	•
2984204194	2984204194	~
2984204194	2984204194	~
	43837 8470 6803 38162 31995 990 14366 58535 55277 40337 63592 Actual Value 1820141330 1820141330 2222682785 2120574965 589552193 2855943358 1907879047 2157004648 2157004648 2521123499 2525123499 25258372975 2984204194	43837 8470 6803 38162 31995 990 14366 58535 55277 40337 63592 Actual Value 1820141330

Count Expected Function

Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16

2

	Innut Value
lame	Input Value
rustBattDiagNtcConfig_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
rustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
ustBattDiagNtcConfig_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_u16_2_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
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
sustBattDiagNtcConfig 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
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
	target lowerVoltage volt u10p6 2 3 4 5 6 7 8
sustBattDiagNtcConfig Str[7].lowerVoltage volt u10p6	tardet lower voltage volt u lobo 2 3 4 5 6 7 6

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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 Elap			
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	→

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 2.29 (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	



CustBattDiag_ReportFaultWithHisteresis			Razorcat
Name	Input Value	0.00.00	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u1		
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_utarget_lowerVoltage_volt_u10		
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_lowervoitage_voit_u interpretation		
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u1		
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_u	. – – –	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target lowerVoltage volt u10		
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target upperWindowThresh		
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u1	Op6_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_	Cnt_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10)p6_2_3_4_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_	Cnt_u16_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u1	0p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u1		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u1		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerVoltage_volt_u1		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6 Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS	target_lowerVoltage_volt_u10		u16 FlancodTimo
SystemTime mS T u32	44690950	tDiag_SystemTime_DtrmnElapsedTime_mS	_u16_Elapseu1line
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_DtrmnElapsedTin			
target lowerVoltage volt u10p6	26340		
target lowerVoltage volt u10p6 2	9239		
target lowerVoltage volt u10p6 2 3	16337		
target_lowerVoltage_volt_u10p6_2_3_4	23530		
target_lowerVoltage_volt_u10p6_2_3_4_5	42659		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	63761		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	26545		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	2311		
target_lowerWindowThresh_Cnt_u16	17212		
target_lowerWindowThresh_Cnt_u16_2	32989		
target_lowerWindowThresh_Cnt_u16_2_3	38093		
target_lowerWindowThresh_Cnt_u16_2_3_4	11097		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	53013		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	7998		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	43207		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	56304		
target_upperVoltage_volt_u10p6	26340		
target_upperVoltage_volt_u10p6_2	9239		
target_upperVoltage_volt_u10p6_2_3	16337		
target_upperVoltage_volt_u10p6_2_3_4	23530 42659		
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 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	2311		
target_upperWindowThresh_Cnt_u10	49398		
target_upperWindowThresh_Cnt_u16 2	0		
target upperWindowThresh Cnt u16 2 3	7335		
target upperWindowThresh Cnt u16 2 3 4	12184		
target upperWindowThresh Cnt u16 2 3 4 5	20565		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	57865		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	31218		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	35870		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	Nesuit
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	
	1	1	



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				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 2.30 (Repeat Count = 1)	
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(El	lapsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	230406027
/oltage_Volts_T_u10p6	479
LOIDetect_Volts_u10p6	0
z_LOINotDetect_Volts_u10p6	0
owVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E9
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_	_u16_Elap 4042
arget_lowerVoltage_volt_u10p6	47502
arget_lowerVoltage_volt_u10p6_2	23915
arget_lowerVoltage_volt_u10p6_2_3	45852
arget_lowerVoltage_volt_u10p6_2_3_4	17325
arget_lowerVoltage_volt_u10p6_2_3_4_5	17981
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	973
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	39463
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	50753
arget_lowerWindowThresh_Cnt_u16	7941
arget_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
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	26577
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	22576



Count Result

Name	Input Value		
target_upperVoltage_volt_u10p6	47502		
target_upperVoltage_volt_u10p6_2	23915		
target_upperVoltage_volt_u10p6_2_3	45852		
target_upperVoltage_volt_u10p6_2_3_4	17325		
target_upperVoltage_volt_u10p6_2_3_4_5	17981		
target_upperVoltage_volt_u10p6_2_3_4_5_6	973		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	39463		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	50753		
target_upperWindowThresh_Cnt_u16	35669		
target_upperWindowThresh_Cnt_u16_2	65535		
target_upperWindowThresh_Cnt_u16_2_3	18493		
target_upperWindowThresh_Cnt_u16_2_3_4	7171		
target_upperWindowThresh_Cnt_u16_2_3_4_5	49549		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	7877		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	41934		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	45543		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	589552193	589552193	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193	589552193	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	44690950	44690950	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2521123499	2521123499	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2521123499	2521123499	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2558372975	2558372975	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2558372975	2558372975	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2984204194	2984204194	✓
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	230406027	230406027	✓

Test Step 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	

 $target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8$

target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8

Count Expected Function

Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16

 $CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16$

 $CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6$

Test Step Call Trace
Actual Function

Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16



Input Value	
GustBattDlagNtConfig_StripT, lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6 2_3.4.5.6.7.8 Rte_Call_Ap_CustBattDlag_SystemTime_DtmnElapsedTime_mS_u16(ElapsedTime_MS_u16(ElapsedT	
RIL Call Ap CustBattDiag SystemTime DtmnElapsedTime ms_u16 ElapsedTime 2965327088	
System:Time_mS_T_u32	
Voltage, Volts_T_u10p6 0 k_LOINotbeetct, Volts_u10p6 0 (controllage-ExtraCryteria_Cnt_T_lgc 1 nc custlattDiage-ExtraCryteria_Cnt_T_lgc target_Re_Call_Ap_CustBattDiag_SystemTime_DtrnnElapsedTime_mS_u16_Elap 50033 target_lowerVoltage_volt_u10p6_2 60040 target_lowerVoltage_volt_u10p6_2 60040 target_lowerVoltage_volt_u10p6_2_3_4 9434 target_lowerVoltage_volt_u10p6_2_3_4_5_6 30004 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 344 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 5344 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 2890 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 2890 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 2890 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 2890 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 55249 target_lowerVoltagowThresh_Cnt_u16_2_3_4_5_6 55249 target_lowerVoltagowThresh_Cnt_u16_2_3_4_5_6_7 30679 target_lowerVoltagowThresh_Cnt_u16_2_3_4_5_6_7 30679 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 30679 target_upperVoltage_volt_u10p6_2_3	
k_LOIDetect_Volts_u10p6 0 k_LOINtotbetct_Volts_u10p6 0 k_LOINtotbetct_Volts_u10p6 1 convoltage_Volt_u10p6 1 convoltage_Volt_u10p6 30441 target_lower/Voltage_volt_u10p6 2 60940 target_lower/Voltage_volt_u10p6 2.3 42124 target_lower/Voltage_volt_u10p6 2.3.4 4434 target_lower/Voltage_volt_u10p6 2.3.4.5.6 34712 target_lower/Voltage_volt_u10p6 2.3.4.5.6.7 5344 target_lower/Voltage_volt_u10p6 2.3.4.5.6.7.8 2890 target_lower/Voltage_volt_u10p6 2.3.4.5.6.7.8 2890 target_lower/VindowThresh_Cnt_u16 45300 target_lower/VindowThresh_Cnt_u16 2.3.4.5 59751 target_lower/VindowThresh_Cnt_u16 2.3.4.5 59751 target_lower/VindowThresh_Cnt_u16 2.3.4.5.6 45293 target_lower/VindowThresh_Cnt_u16 2.3.4.5.6.7 30679 target_lower/VindowThresh_Cnt_u16 2.3.4.5.6.7 3079 target_upper/VindowThresh_Cnt_u16 2.3.4.5.6.7.8 42983 target_upper/VindowThresh_Cnt_u16 2.3.4.5.6.7.8 42983 target_upper/VindowThresh_Cnt_u16 2.3.4.5.6.7.8 30304 <th< td=""><td></td></th<>	
R_LOINotDetect_Volts_u10p6 0	
IowVoltageExtraCryteria_Cnt_T.lgc 1	
Interex CustBattDiagNtc_E2 target_NevCvllage_volt_u10p6 50033 target_lowerVvllage_volt_u10p6_2 60040 target_lowerVvllage_volt_u10p6_2_3 42124 target_lowerVvllage_volt_u10p6_2_3_4 9434 target_lowerVvllage_volt_u10p6_2_3_4_5 30004 target_lowerVvllage_volt_u10p6_2_3_4_5_6 34712 target_lowerVvllage_volt_u10p6_2_3_4_5_6_7 5344 target_lowerVvllage_volt_u10p6_2_3_4_5_6_7 5344 target_lowerVvllage_volt_u10p6_2_3_4_5_6_7 5344 target_lowerVvllage_volt_u10p6_2_3_4_5_6_7 5344 target_lowerVvllage_volt_u10p6_2_3_4_5_6_7 5342 target_lowerVvllage_volt_u10p6_2_3_4 45300 target_lowerVvlladowThresh_Cnt_u16_2_3_4 65249 target_lowerVvlladowThresh_Cnt_u16_2_3_4 42386 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 59751 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 30679 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 30679 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 3074 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 3074 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 <td< td=""><td></td></td<>	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmtElapsedTime_mS_u16_Elap 50033 target_lowerVoltage_volt_u10p6 50441 target_lowerVoltage_volt_u10p6_2 60940 target_lowerVoltage_volt_u10p6_2_3 42124 target_lowerVoltage_volt_u10p6_2_3_4_5 30304 target_lowerVoltage_volt_u10p6_2_3_4_5_6 30304 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_3 35626 target_lowerWindowThresh_Cnt_u16_2_3_4 65249 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 59751 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 30679 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 29983 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 29983 target_upperVoltage_volt_u10p6_2_3 42124 target_upperVoltage_volt_u10p6_2_3_4_5_6 30304 target_upperVoltage_volt_u10p6_2_3_4_5_6 34712 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 2890 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 2890 target_upp	
target_lowerVoltage_volt_u10p6 2 60940 target_lowerVoltage_volt_u10p6 2 60940 target_lowerVoltage_volt_u10p6 2 3 4 2124 target_lowerVoltage_volt_u10p6 2 3 4 9434 target_lowerVoltage_volt_u10p6 2 3 4 9434 target_lowerVoltage_volt_u10p6 2 3 4 5 6 7 3 30004 target_lowerVoltage_volt_u10p6 2 3 4 5 6 7 5 344 target_lowerVoltage_volt_u10p6 2 3 4 5 6 7 8 2890 target_lowerWindowThresh_Cnt_u16 2 3 5626 target_lowerWindowThresh_Cnt_u16 2 3 4 5 6 7 8 2890 target_lowerWindowThresh_Cnt_u16 2 3 4 5 6 7 8 42386 target_lowerWindowThresh_Cnt_u16 2 3 4 42386 target_lowerWindowThresh_Cnt_u16 2 3 4 42386 target_lowerWindowThresh_Cnt_u16 2 3 4 5 6 7 8 30079 target_lowerWindowThresh_Cnt_u16 2 3 4 5 6 7 8 30079 target_lowerWindowThresh_Cnt_u16 2 3 4 5 6 7 8 30079 target_lowerWindowThresh_Cnt_u16 2 3 4 5 6 7 8 30079 target_lowerWindowThresh_Cnt_u16 2 3 4 5 6 7 8 30079 target_lowerWindowThresh_Cnt_u16 2 3 4 5 6 7 8 30079 target_lowerWindowThresh_Cnt_u16 2 3 4 5 6 7 8 30079 target_lowerWindowThresh_Cnt_u16 2 3 4 5 6 7 8 30079 target_lowerWindowThresh_Cnt_u16 2 3 4 5 6 7 8 30079 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_upperVoltage_volt_u10p6 2 3 4 5 6 7 8 30094 target_up	
target_lowerVoltage_volt_u10p6_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_5 target_lowerVoltage_volt_u10p6_2_3_4_5_6 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 5344 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 5344 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 8 2890 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerVoltage_volt_u10p6_2_3 4_5_6_7_8 5289 target_lowerVindowThresh_Cnt_u16_2_3 65249 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_6_7 target_lowerVindowThresh_Cnt_u16_2_3_4_5_6_7 salet_lowerVindowThresh_Cnt_u16_2_3_4_5_6_7 8 29983 target_uperVoltage_volt_u10p6_2 60940 target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 5344 target_upperVoltage_volt_u10p	
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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerVindowThresh_Cnt_u16 target_lowerVindowThresh_Cnt_u16_2_3 target_lowerVindowThresh_Cnt_u16_2_3 target_lowerVindowThresh_Cnt_u16_2_3_4 target_lowerVindowThresh_Cnt_u16_2_3_4_5_6 target_lowerVindowThresh_Cnt_u16_2_3_4_5_6 target_lowerVindowThresh_Cnt_u16_2_3_4_5_6 target_lowerVindowThresh_Cnt_u16_2_3_4_5_6 target_lowerVindowThresh_Cnt_u16_2_3_4_5_6_7 target_lowerVindowThresh_Cnt_u16_2_3_4_5_6_7 target_lowerVindowThresh_Cnt_u16_2_3_4_5_6_7 target_lowerVindowThresh_Cnt_u16_2_3_4_5_6_7 target_lowerVindowThresh_Cnt_u16_2_3_4_5_6_7 target_lowerVindowThresh_Cnt_u16_2_3_4_5_6_7 target_lowerVindowThresh_Cnt_u16_2_3_4_5_6_7 target_upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3 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_u10	
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 5344 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 8 2880 target_lowerWindowThresh_Cnt_u16_2 35626 target_lowerWindowThresh_Cnt_u16_2 3 5626 target_lowerWindowThresh_Cnt_u16_2_3 4 56_7_8 6289 target_lowerWindowThresh_Cnt_u16_2_3_4 65249 target_lowerWindowThresh_Cnt_u16_2_3_4 4 2386 target_lowerWindowThresh_Cnt_u16_2_3_4 56_7_8 42886 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 45293 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 42983 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 42983 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 42983 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 42943 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 4	
target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerVindowThresh_Cnt_u16_2 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3_4 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 target_upperVoltage_volt_u10p6_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5 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 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_upperWindowThresh_Cnt_u16_2_3 target_upperWindowThresh_Cnt_u16_2_3 target_upperWindowThresh_Cnt_u16_2_3_4 target_u	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 2890 target_lowerWindowThresh_Cnt_u16_6 45300 target_lowerWindowThresh_Cnt_u16_2_3 4566 target_lowerWindowThresh_Cnt_u16_2_3 42386 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 target_upperVoltage_volt_u10p6 50441 target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4 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 34712 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 5344 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 5344 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 5344 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 5344 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 5344 target_upperWindowThresh_Cnt_u16_2 59851 target_upperWindowThresh_Cnt_u16_2 59861 target_upperWindowThresh_Cnt_u16_2_3 5098 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperW	
target_lowerWindowThresh_Cnt_u16	
target_lowerWindowThresh_Cnt_u16_2 3 456249 target_lowerWindowThresh_Cnt_u16_2 3 4 42386 target_lowerWindowThresh_Cnt_u16_2 3 4 42386 target_lowerWindowThresh_Cnt_u16_2 3_4_5 6 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_lowerWindowThresh_Cnt_u16_2 3_4_5_6_7 8 29983 target_upperVoltage_volt_u10p6 50441 target_upperVoltage_volt_u10p6_2 3 42124 target_upperVoltage_volt_u10p6_2 3 42124 target_upperVoltage_volt_u10p6_2 3_4_5_6 30304 target_upperVoltage_volt_u10p6_2 3_4_5_6 34712 target_upperVoltage_volt_u10p6_2 3_4_5_6 34712 target_upperVoltage_volt_u10p6_2 3_4_5_6_7 53444 target_upperVoltage_volt_u10p6_2 3_4_5_6_7 8 2890 target_upperVoltage_volt_u10p6_2 3_4_5_6_7 8 3661 targ	
target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 target_uperVoltage_volt_u10p6_2 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 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_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperVindowThresh_Cnt_u16_2 target_upperVindowThresh_Cnt_u16_2 target_upperVindowThresh_Cnt_u16_2_3 target_upperVindowThresh_Cnt_u16_2_3_4 target_upperVindowThresh_Cnt_u16_2_3_4 target_upperVindowThresh_Cnt_u16_2_3_4_5 targe	
target_lowerWindowThresh_Cnt_u16_2_3_4	
target_lowerWindowThresh_Cnt_u16_2_3_4_5	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 29983 target_upperVoltage_volt_u10p6 50441 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 34712 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 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperWindowThresh_Cnt_u16 21525 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 ta	
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 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 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 21525 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_upperWin	
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 target_upperVoltage_volt_u10p6_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5_6 34712 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_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperWindowThresh_Cnt_u16 21525 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_6 47531	
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 34712 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_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 target_upperWindowThresh_Cnt_u16 21525 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_6 47531	
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 34712 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 5344 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 4 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4 5098 target_upperWindowThresh_Cnt_u16_2_3_4 516548 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 47531	
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_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_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 47531	
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 47531	
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 47531	
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 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 47531	
target_upperWindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 47531	
target_upperWindowThresh_Cnt_u16_2_3_4_5 16548 target_upperWindowThresh_Cnt_u16_2_3_4_5 47531	
target_upperWindowThresh_Cnt_u16_2_3_4_5_6 47531	
target_upperviridowTriesri_Crit_uTo_z_3_4_5_6_/ 40900	
target upperWindowThresh Cnt u16 2 3 4 5 6 7 8 20076	
	200114
	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 1820141330 1820141330 1820141330	•
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 1820141330 1820141330 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 2222682785 2222682785	Ž
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	-
CustBattDiagNtcTimer Str[2].detectWindow Cnt M u32 589552193 589552193	Ž
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	~
CustBattDiagNtcTimer Str[3].detectWindow Cnt M u32 2855943358 2855943358	Ž
CustBattDiagNtcTimer Str[3].notDetectWindow Cnt M u32 1907879047 1907879047	-
CustBattDiagNtcTimer Str[4].detectWindow Cnt M u32 44690950 44690950	Ž
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32 44690950 44690950	~
CustBattDiagNtcTimer Str[5].detectWindow Cnt M u32 2521123499 2521123499	Ž
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	V
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	-
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	~

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_ReportFaultV	VithHisteresis
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Name	Input Value		
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10	p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_0		
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10		
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_0	rt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10	p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_0	Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10)p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_0	cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10	p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_0	Cnt_u16_2_3_4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10		
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_0		
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10		
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_0		
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_0		
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_u		
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_upperVoltage_volt_u10 target_lowerWindowThresh_0		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10		
CustBattDiagNtcCorlig_Str[5].lowerVollage_voll_u10p6 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u1tc		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh Cnt u16	target_lowerWindowThresh_0		
CustBattDiagNtcConfig Str[6].lowerVoltage volt u10p6	target lowerVoltage volt u10		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_0		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target upperVoltage volt u10		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_0		
CustBattDiagNtcConfig Str[7].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Ela		Diag_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_ustarget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_ustarget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_ustarget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_ustarget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_ustarget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_ustarget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_ustarget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_ustarget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_ustarget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_MS_ustarget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_System$	u16_Elap 14627		
target_lowerVoltage_volt_u10p6	41049		
target_lowerVoltage_volt_u10p6_2	34488		
target_lowerVoltage_volt_u10p6_2_3	40157		
target_lowerVoltage_volt_u10p6_2_3_4	51809		
target_lowerVoltage_volt_u10p6_2_3_4_5	19279		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	525		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	12555		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	61824		
target_lowerWindowThresh_Cnt_u16	52104		
target_lowerWindowThresh_Cnt_u16_2	51773		
target_lowerWindowThresh_Cnt_u16_2_3	0		
target_lowerWindowThresh_Cnt_u16_2_3_4	14026		
target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	53586 3515		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	58999		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	56512		
target_lowerViridowTrilesi1_Crit_u10_2_3_4_5_0_7_8 target_upperVoltage_volt_u10p6	41049		
target upperVoltage volt_u10p6 2	34488		
target upperVoltage volt_u10p6_2 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	Resul
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	•
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	,
CustDattDiagNtaTimes Ctrl11 datastMinday, Cat. M. u20	2222602705	2222602705	

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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	~

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_Ott[o].iowcrvoitagC_voit_uropo	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig_Ott[1].lowerWindowThresh Cnt u16	target_lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig_Ott[1].towerVoltage_volt_u1opo	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh Cnt u16	target_uppervoitage_voit_u1opo_z_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_lowervollage_volt_u1opo_z_3 target_upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh Cnt u16	target_upperVoltage_volt_u1upo_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh Cnt u16	target_lower voitage_voit_u topo_z_s_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
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
custBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
· · · · · · · · · · · · · · · · · · ·	
custBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_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 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
· · · · · · · · · · · · · · · · · · ·	
custBattDiagNtcConfig_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
custBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_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(El	
ystemTime_mS_T_u32	2594148775
/oltage_Volts_T_u10p6	236
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
owVoltageExtraCryteria_Cnt_T_lgc	1
tc	CustBattDiagNtc_E6
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_	
irget_lowerVoltage_volt_u10p6	38100
arget_lowerVoltage_volt_u10p6_2	41564
arget_lowerVoltage_volt_u10p6_2_3	50885
arget_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)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6



Name	Input Value	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6 Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elap	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 bsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_m	S u16 FlancadTime
SystemTime mS T u32	2637694353	3_u10_Liapseu1iiile
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 u		
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 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	10214 29653	
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 2120574065 2120574065	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965 2120574965 580552103	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	589552193 589552193 2965327068 2965327068	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2965327068 2965327068 2855943358 2855943358	
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow Cnt_M_u32	2855943358 2855943358 1907879047 1907879047	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_us2 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_us2	44690950 44690950	
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	2594148775 2594148775	
CustBattDiagNtcTimer_Str[4].10tDetectWindow_Cnt_w_u32 CustBattDiagNtcTimer Str[5].detectWindow Cnt M u32	2594 146775 2521123499 2521123499	
CustBattDiagNtcTimer Str[5].notDetectWindow Cnt M u32	2521123499 2521123499 2521123499	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2521125499 2558372975 2558372975	
	2637694353 2637694353	
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2637694353 2637694353 2984204194 2984204194 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	✓

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_lowerVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4
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_upperVindowThresh_Cnt_u16_2_3 target_upperVoltage_volt_u10p6_2_3 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4
target_lowerWindowThresh_Cnt_u16 target_lowerVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_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_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4
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_lowerWindowThresh_Cnt_u16_2_3 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperVoltage_volt_u10p6_2_3_4
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_lowerVoltage_volt_u10p6_2_3 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperVoltage_volt_u10p6_2_3_4
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_lowerVoltage_volt_u10p6_2_3 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperVoltage_volt_u10p6_2_3_4
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_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_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_upperVoltage_volt_u10p6_2_3 target_lowerVindowThresh_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 target_lowerVoltage_volt_u10p6_2_3 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperVoltage_volt_u10p6_2_3_4
target_lowerVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4
target_upperWindowThresh_Cnt_u16_2_3_4 target_upperVoltage_volt_u10p6_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
m target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
2231698994
422
0
0
1
CustBattDiagNtc E9
ap 50407
523
50085
0
58064
45994
41512
5633
65510
26824
57378
9066
26110
9758
13813
10097
39176
523
50085
0
58064 45994



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

Test Step Call Trace				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 2.36 (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		
target_upperVoltage_volt_u10p6_2_3_4_5_6	25101		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	53150		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	48617		
target_upperVoitage_voit_u1opo_2_3_4_5_6_7_6 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				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 2.37 (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_ReportFaultWithHisteresis

Name	Input Value		
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6		
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cn		
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6		
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt	-	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6		
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperWindowThresh_Cni target_upperVoltage_volt_u10p6		
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt		
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10p6		
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target_upperWindowThresh Cni		
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6		
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt		
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	2_3_4	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cn	_u16_2_3_4_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	5_2_3_4_5	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt	_u16_2_3_4_5	
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_Cni		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerWindowThresh_Cnt target_lowerVoltage_volt_u10p6		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u1opo		
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		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapsed			ElapsedTime
SystemTime_mS_T_u32	4072407702		
Voltage_Volts_T_u10p6	253		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E7		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_l	•		
target_lowerVoltage_volt_u10p6	7879		
target_lowerVoltage_volt_u10p6_2	57757		
target_lowerVoltage_volt_u10p6_2_3	38281 65232		
target_lowerVoltage_volt_u10p6_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4 5	16390		
target lowerVoltage volt_u10p6_2_3_4_5	9353		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	32151		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	17291		
target lowerWindowThresh Cnt u16	14184		
target_lowerWindowThresh_Cnt_u16_2	64441		
target_lowerWindowThresh_Cnt_u16_2_3	18127		
target_lowerWindowThresh_Cnt_u16_2_3_4	187		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	51827		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	42505		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	7452		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60301		
target_upperVoltage_volt_u10p6	7879		
target_upperVoltage_volt_u10p6_2	57757		
target_upperVoltage_volt_u10p6_2_3	38281		
target_upperVoltage_volt_u10p6_2_3_4	65232		
target_upperVoltage_volt_u10p6_2_3_4_5	16390 9353		
target_upperVoltage_volt_u10p6_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6	32151		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	17291		
target_upperWindowThresh_Cnt_u16	57408		
target upperWindowThresh Cnt u16 2	18854		
target_upperWindowThresh_Cnt_u16_2_3	14707		
target_upperWindowThresh_Cnt_u16_2_3_4	20117		
target_upperWindowThresh_Cnt_u16_2_3_4_5	23396		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	14262		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	48977		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	11873		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	~
CustDattDiagNtaTimes Cts[4] datastMindous Cat. M. 122	2222602705	2222602705	

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CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32



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	2231608004	2231608004	•

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 Story 2 22 (Domont 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(ElapsedTim	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
pwVoltageExtraCryteria_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
target_lowerWindowThresh_Cnt_u16	51023



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

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

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



Name	Input Value		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_0	6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_	4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_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_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(ElapsedTi		ime_DtrmnElapsedTime_mS_u16_Elap	osedTime
SystemTime_mS_T_u32	415480456		
Voltage_Volts_T_u10p6	746		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc 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_u10p0_2	2801		
target lowerVoltage volt u10p6 2 3 4	15505		
target lowerVoltage volt u10p6 2 3 4 5	10098		
target lowerVoltage volt u10p6 2 3 4 5 6	12560		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	35919		
target lowerVoltage volt u10p6 2 3 4 5 6 7 8	57686		
target_lowerWindowThresh_Cnt_u16	37531		
target_lowerWindowThresh_Cnt_u16_2	35871		
target_lowerWindowThresh_Cnt_u16_2_3	50283		
target_lowerWindowThresh_Cnt_u16_2_3_4	27598		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	28033		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	64820		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	42000		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	21848		
target_upperVoltage_volt_u10p6	46600		
target_upperVoltage_volt_u10p6_2	38503		
target_upperVoltage_volt_u10p6_2_3	2801		
target_upperVoltage_volt_u10p6_2_3_4	15505		
target_upperVoltage_volt_u10p6_2_3_4_5	10098		
target_upperVoltage_volt_u10p6_2_3_4_5_6	12560		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	35919		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	57686		
target_upperWindowThresh_Cnt_u16	62582		
target_upperWindowThresh_Cnt_u16_2	34450		
target_upperWindowThresh_Cnt_u16_2_3	65535		
target_upperWindowThresh_Cnt_u16_2_3_4	4869		
target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5	26967 20062		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6 target_upperWindowThresh_Cnt_u16_2_3_4_5_6	58935		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	38570		
Name	Actual Value	Expected Value	Result
	1820141330	Expected Value 1820141330	Kesuii
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330 1820141330	1820141330 1820141330	
CustBattDiagNtcTimer_Str[u].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].notDetectWindow Cnt M u32	2120574965	2120574965	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	415480456	415480456	
CustBattDiagNtcTimer_Str[2].netDetectWindow_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_W_u32	2594148775	2594148775	
CustBattDiagNtcTimer Str[5].detectWindow Cnt M u32	4072407702	4072407702	
CustBattDiagNtcTimer Str[5].notDetectWindow Cnt M u32	4072407702	4072407702	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	1151292551	1151292551	
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	1151292551	1151292551	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1538946772	1538946772	•
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1538946772	1538946772	•

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



Test Step 2.40 (Repeat Count = 1)	
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	882085837
/oltage_Volts_T_u10p6	230
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
owVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc E8
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	
arget lowerVoltage volt u10p6	9283
arget lowerVoltage volt u10p6 2	147
· - · · · · · · · · · · · · · · · · · ·	30795
arget_lowerVoltage_volt_u10p6_2_3	
arget_lowerVoltage_volt_u10p6_2_3_4	1913
arget lower/feltage yelt u10pt 2 2 4 F	10050
arget_lowerVoltage_volt_u10p6_2_3_4_5	40058
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	58002
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	58002
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	58002 30023
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16	58002 30023 28366
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2	58002 30023 28366 35723
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2 arget_lowerWindowThresh_Cnt_u16_2 arget_lowerWindowThresh_Cnt_u16_2_3	58002 30023 28366 35723 49148
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4	58002 30023 28366 35723 49148 61166 22419
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4_5	58002 30023 28366 35723 49148 61166 22419 64625
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	58002 30023 28366 35723 49148 61166 22419 64625 56919
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	58002 30023 28366 35723 49148 61166 22419 64625 56919
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	58002 30023 28366 35723 49148 61166 22419 64625 56919 22458 38756
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_lowerWoltage_volt_u10p6	58002 30023 28366 35723 49148 61166 22419 64625 56919 22458 38756
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 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 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u10p6_2	58002 30023 28366 35723 49148 61166 22419 64625 56919 22458 38756 9283 147
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 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 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 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	58002 30023 28366 35723 49148 61166 22419 64625 56919 22458 38756 9283 147 30795
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 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 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	58002 30023 28366 35723 49148 61166 22419 64625 56919 22458 38756 9283
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 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 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 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4	58002 30023 28366 35723 49148 61166 22419 64625 56919 22458 38756 9283 147 30795
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 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 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 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	58002 30023 28366 35723 49148 61166 22419 64625 56919 22458 38756 9283 147 30795
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 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 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 arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5 arget_upperVoltage_volt_u10p6_2_3_4_5_6	58002 30023 28366 35723 49148 61166 22419 64625 56919 22458 38756 9283 147 30795 1913 40058 58002
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 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 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 arget_upperVoltage_volt_u10p6_2_3_4_5_6	58002 30023 28366 35723 49148 61166 22419 64625 56919 22458 38756 9283 147 30795 1913 40058 58002 30023
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16_2 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 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 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 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 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7	58002 30023 28366 35723 49148 61166 22419 64625 56919 22458 38756 99283 147 30795 1913 40058 58002 30023 28366
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16_2 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 arget_upperVoltage_volt_u10p6_2 arget_upperVoltage_volt_u10p6_2_3 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	58002 30023 28366 35723 49148 61166 22419 64625 56919 22458 38756 99283 147 30795 1913 40058 58002 30023 28366
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4 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 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 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_2 arget_upperVoltage_volt_u10p6_2_3 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 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_	58002 30023 28366 35723 49148 61166 22419 64625 56919 22458 38756 9283 147 30795 1913 40058 58002 30023 28366 19574 52738
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4 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 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_2 arget_upperVoltage_volt_u10p6_2_3 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 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_	58002 30023 28366 35723 49148 61166 22419 64625 56919 22458 38756 9283 147 30795 1913 40058 58002 30023 28366 19574 52738 60518
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4 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 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_2 arget_upperVoltage_volt_u10p6_2_3 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 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_	58002 30023 28366 35723 49148 61166 22419 64625 56919 22458 38756 9283 147 30795 1913 40058 58002 30023 28366 19574 52738
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 arget_lowerWindowThresh_Cnt_u16 arget_lowerWindowThresh_Cnt_u16_2 arget_lowerWindowThresh_Cnt_u16_2_3 arget_lowerWindowThresh_Cnt_u16_2_3_4 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 arget_lowerWindowThresh_Cnt_u16_2_3_4_5 arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 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_2 arget_upperVoltage_volt_u10p6_2_3 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 arget_upperVoltage_volt_u10p6_2_3_4_5_6 arget_upperVoltage_volt_u10p6_2_3_4_5_6_7 ar	58002 30023 28366 35723 49148 61166 22419 64625 56919 22458 38756 9283 147 30795 1913 40058 58002 30023 28366 19574 52738 60518
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	58002 30023 28366 35723 49148 61166 22419 64625 56919 22458 38756 9283 147 30795 1913 40058 58002 30023 28366 19574 52738 60518



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



Name	Input Value		
target_lowerVoltage_volt_u10p6_2_3	789		
target_lowerVoltage_volt_u10p6_2_3_4	29406		
target_lowerVoltage_volt_u10p6_2_3_4_5	48158		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	51559		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	34038		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	15133		
target_lowerWindowThresh_Cnt_u16	44082		
target_lowerWindowThresh_Cnt_u16_2	8915		
target_lowerWindowThresh_Cnt_u16_2_3	49617		
target_lowerWindowThresh_Cnt_u16_2_3_4	0		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	41593		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	35923		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	23389		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	2943		
target_upperVoltage_volt_u10p6	49390		
target_upperVoltage_volt_u10p6_2	18996		
target_upperVoltage_volt_u10p6_2_3	789		
target_upperVoltage_volt_u10p6_2_3_4	29406		
target_upperVoltage_volt_u10p6_2_3_4_5	48158		
target_upperVoltage_volt_u10p6_2_3_4_5_6	51559		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	34038		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	15133		
target_upperWindowThresh_Cnt_u16	60268		
target_upperWindowThresh_Cnt_u16_2	44890		
target_upperWindowThresh_Cnt_u16_2_3	40563		
target_upperWindowThresh_Cnt_u16_2_3_4	58280		
target_upperWindowThresh_Cnt_u16_2_3_4_5	39448		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	50982		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	3534		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	55690		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	415480456	415480456	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	415480456	415480456	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	•
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	4072407702	4072407702	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1538946772	1538946772	✓
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	1538946772	1538946772	✓

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

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



Input Value		
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		
	_5	
	_	
	_	
target_upperVoltage_volt_u10p6_2_3_4_5_6	5_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_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
2861168262		
543		
31123		
23003		
49655		
9895		
23372		
49204		
53138		
25027		
7278		
7278 27858		
7278		
7278 27858 60859		
7278 27858 60859 20770		
7278 27858 60859 20770 31123		
7278 27858 60859 20770 31123 23003		
7278 27858 60859 20770 31123 23003 49655 9895 8461		
7278 27858 60859 20770 31123 23003 49655 9895 8461		
7278 27858 60859 20770 31123 23003 49655 9895 8461 926 11267		
7278 27858 60859 20770 31123 23003 49655 9895 8461 926 11267 3092		
7278 27858 60859 20770 31123 23003 49655 9895 8461 926 11267 3092		
7278 27858 60859 20770 31123 23003 49655 9895 8461 926 11267 3092 4487 9465		
7278 27858 60859 20770 31123 23003 49655 9895 8461 926 11267 3092 4487 9465 37184		
7278 27858 60859 20770 31123 23003 49655 9895 8461 926 11267 3092 4487 9465 37184 2995	Evrocted Value	Pac
7278 27858 60859 20770 31123 23003 49655 9895 8461 926 11267 3092 4487 9465 37184 2995 Actual Value	Expected Value	Result
7278 27858 60859 20770 31123 23003 49655 9895 8461 926 11267 3092 4487 9465 37184 2995 Actual Value 1820141330	1820141330	Result
7278 27858 60859 20770 31123 23003 49655 9895 8461 926 11267 3092 4487 9465 37184 2995 Actual Value 1820141330 1820141330	1820141330 1820141330	•
7278 27858 60859 20770 31123 23003 49655 9895 8461 926 11267 3092 4487 9465 37184 2995 Actual Value 1820141330 1820141330 2222682785	1820141330 1820141330 2222682785	•
7278 27858 60859 20770 31123 23003 49655 9895 8461 926 11267 3092 4487 9465 37184 2995 Actual Value 1820141330 1820141330	1820141330 1820141330	
7278 27858 60859 20770 31123 23003 49655 9895 8461 926 11267 33092 4487 9465 37184 2995 Actual Value 1820141330 1820141330 2222682785 2120574965	1820141330 1820141330 2222682785 2120574965	•
7278 27858 60859 20770 31123 23003 49655 9895 8461 926 11267 3092 4487 9465 37184 2995 Actual Value 1820141330 1820141330 2222682785 2120574965 2861168262	1820141330 1820141330 2222682785 2120574965 2861168262	
7278 27858 60859 20770 31123 23003 49655 9895 8461 926 11267 3092 4487 9465 37184 2995 Actual Value 1820141330 1820141330 182022682785 2120574965 2861168262 2861168262	1820141330 1820141330 2222682785 2120574965 2861168262 2861168262	•
7278 27858 60859 20770 31123 23003 49655 9895 8461 926 11267 3092 4487 9465 37184 2995 Actual Value 1820141330 1820141330 2222682785 2120574965 2861168262 2861168262 28655943358	1820141330 1820141330 2222682785 2120574965 2861168262 2861168262 2855943358	
7278 27858 60859 20770 31123 23003 49655 9895 8461 926 11267 3092 4487 9465 37184 2995 Actual Value 1820141330 1820141330 2222682785 2120574965 2861168262 2861168262 2855943358 1907879047	1820141330 1820141330 2222682785 2120574965 2861168262 2861168262 2855943358 1907879047	
7278 27858 60859 20770 31123 23003 49655 9895 8461 926 11267 3092 44487 9465 37184 2995 Actual Value 1820141330 1820141330 2222682785 2120574965 2861168262 2861168262 2865943358 1907879047 44690950 2594148775 4072407702	1820141330 1820141330 2222682785 2120574965 2861168262 2861168262 2855943358 1907879047 44690950 2594148775 4072407702	0
7278 27858 60859 20770 31123 23003 49655 9895 8461 926 11267 3092 4487 9465 37184 2995 Actual Value 1820141330 1820141330 2222682785 2120574965 2861168262 2861168262 2855943358 1907879047 44690950 2594148775	1820141330 1820141330 2222682785 2120574965 2861168262 2861168262 2855943358 1907879047 44690950 2594148775	Result
	target_lowerVoltage_volt_u10p6_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_6_6 target_lowerVoltage_volt_u10p6_2_3_4_6_6 target_lowerVolt	target_lowerVoltage_volt_u10p6_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_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 target_upperWindowThresh_Cnt_u16_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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerVoltage_volt_u10p6_2_3



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

Test Step Call Trace				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	2010-03-11, 14.30.30+0330		Razoncat
Name	Input Value		
target_upperVoltage_volt_u10p6_2_3_4	21822		
target_upperVoltage_volt_u10p6_2_3_4_5	19768		
target_upperVoltage_volt_u10p6_2_3_4_5_6	33674		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	12214		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	27041		
target_upperWindowThresh_Cnt_u16	58432		
target_upperWindowThresh_Cnt_u16_2	21079		
target_upperWindowThresh_Cnt_u16_2_3	37517		
target_upperWindowThresh_Cnt_u16_2_3_4	51786		
target_upperWindowThresh_Cnt_u16_2_3_4_5	14438		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	9443		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	51495		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	46229		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2861168262	2861168262	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2861168262	2861168262	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	•
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	4072407702	4072407702	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2134142177	2134142177	-
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2134142177	2134142177	✓

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

Test Step 2.44 (Repeat Count = 1)	van de la companya d
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_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	4_5_6_7_8		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapsed	Tim target_Rte_Call_Ap_CustBattDiag_Sys	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
SystemTime_mS_T_u32	2179627810			
Voltage_Volts_T_u10p6	744			
k_LOIDetect_Volts_u10p6	0			
k_LOINotDetect_Volts_u10p6	0			
IowVoltageExtraCryteria_Cnt_T_lgc	1			
ntc	CustBattDiagNtc_E8			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Eulers_msunstants_superficient to the control of the cont$	lap 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	
		· ·	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	Ž	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965		
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2861168262	2861168262	- V	
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	<u> </u>	
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2179627810	2179627810	-	
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2134142177	2134142177		
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2134142177	2134142177	~	

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

Test Step 2.45 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	



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Name	Input Value		
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2		
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_	2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2		
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_	2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_	2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2_3 target_upperWindowThresh_Cnt_u16_	2 3 4	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_		
CustBattDiagNtcConfig Str[3].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_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[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_	2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6_2_3_ 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	target_lowerVoltage_volt_u10p6_2_3_	4_5_6_7_8	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	dTim target_Rte_Call_Ap_CustBattDiag_Sys	stemTime_DtrmnElapsedTime_mS	_u16_ElapsedTime
SystemTime_mS_T_u32	3096619583		
Voltage_Volts_T_u10p6	31		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_	CustBattDiagNtc_E9		
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 target_lowerWindowThresh_Cnt_u16_2_3_4_5	10675 51179		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	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 target_upperWindowThresh_Cnt_u16_2_3_4	44564 14245		
target_upperVindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4 5	10990		
target_upperWindowThresh_Cnt_u16_2_3_4_5 target_upperWindowThresh_Cnt_u16_2_3_4_5_6	12958		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	62447		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	19261		
Name	Actual Value	Expected Value	Resul
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	11000
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	



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
	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 target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_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	3913056023
/oltage_Volts_T_u10p6	811
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
pwVoltageExtraCryteria_Cnt_T_lgc	1
tc	CustBattDiagNtc_E7
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	22873
arget_lowerVoltage_volt_u10p6	54576
arget_lowerVoltage_volt_u10p6_2	48884
arget_lowerVoltage_volt_u10p6_2_3	13645
arget_lowerVoltage_volt_u10p6_2_3_4	49734
arget_lowerVoltage_volt_u10p6_2_3_4_5	32390
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	48289
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	34685
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	20300



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

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

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



Name	Input Value		
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	4_5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4	4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	4_5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4		
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_u16(Elapsed	0 0_ /	temTime_DtrmnElapsedTime_mS_u	16_ElapsedTime
SystemTime_mS_T_u32	2395872501		
Voltage_Volts_T_u10p6	712		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc ntc	CustBattDiagNtc E8		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E	· -		
target_lowerVoltage_volt_u10p6	28356		
target lowerVoltage volt u10p6 2	6508		
target lowerVoltage volt u10p6 2 3	9403		
target_lowerVoltage_volt_u10p6_2_3_4	29344		
target lowerVoltage volt u10p6 2 3 4 5	33060		
target lowerVoltage volt u10p6 2 3 4 5 6	45885		
target lowerVoltage volt u10p6 2 3 4 5 6 7	3292		
target lowerVoltage volt u10p6 2 3 4 5 6 7 8	47765		
target lowerWindowThresh Cnt u16	63268		
target_lowerWindowThresh_Cnt_u16_2	27763		
target_lowerWindowThresh_Cnt_u16_2_3	65351		
target_lowerWindowThresh_Cnt_u16_2_3_4	47413		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	53337		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	4362		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	903		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	4837		
target_upperVoltage_volt_u10p6	28356		
target_upperVoltage_volt_u10p6_2	6508		
target_upperVoltage_volt_u10p6_2_3	9403		
target_upperVoltage_volt_u10p6_2_3_4	29344		
target_upperVoltage_volt_u10p6_2_3_4_5	33060		
target_upperVoltage_volt_u10p6_2_3_4_5_6	45885		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	3292		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	47765		
target_upperWindowThresh_Cnt_u16	5575		
target_upperWindowThresh_Cnt_u16_2	11691		
target_upperWindowThresh_Cnt_u16_2_3 target_upperWindowThresh_Cnt_u16_2_3_4	50495 0		
target_upperWindowThresh_Cnt_u16_2_3_4 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	Resu
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	IXesu
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[1].notDetectWindow_Crit_wi_u32 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	
	2395872501	2395872501	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32		2395872501 2395872501	
	2395872501		



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 An CustRattDiag NytrDiagMar SetNTCStatus	1	Rte Call An CustBattDian NytrDianMar 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				✓
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			
target lowerVoltage volt u10p6	44080		
target lowerVoltage volt u10p6 2	57313		
target_lowerVoltage_volt_u10p6_2_3	60255		
target_lowerVoltage_volt_u10p6_2_3_4	57939		
target_lowerVoltage_volt_u10p6_2_3_4_5	42535		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	17645		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	4421		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	23673		
target_lowerWindowThresh_Cnt_u16	63216		
target_lowerWindowThresh_Cnt_u16_2	21262		
target_lowerWindowThresh_Cnt_u16_2_3	58280		
target_lowerWindowThresh_Cnt_u16_2_3_4	48612		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	45094		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	15921		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	50664		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60039		
target_upperVoltage_volt_u10p6	44080		
target_upperVoltage_volt_u10p6_2	57313		
target_upperVoltage_volt_u10p6_2_3	60255		
target_upperVoltage_volt_u10p6_2_3_4	57939		
target_upperVoltage_volt_u10p6_2_3_4_5	42535		
target_upperVoltage_volt_u10p6_2_3_4_5_6	17645		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	4421		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	23673		
target_upperWindowThresh_Cnt_u16	33222		
target_upperWindowThresh_Cnt_u16_2	22855		
target_upperWindowThresh_Cnt_u16_2_3	22082		
target_upperWindowThresh_Cnt_u16_2_3_4	576		
target_upperWindowThresh_Cnt_u16_2_3_4_5	2277		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	43186		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	36158		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	38181		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3487010748	3487010748	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3487010748	3487010748	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	4072407702	4072407702	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	3913056023	3913056023	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	2395872501	2395872501	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2395872501	2395872501	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	96849749	96849749	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	96849749	96849749	~

Test Step Call Trace			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 2.50 (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	



CustBattDiag_ReportFaultWithHisteresis		Razono	0
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	4	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperWindowThresh_Cnt_u16_2_3 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	target lowerVoltage volt u10p6 2 3 4	-	
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3	4 5	
CustBattDiagNtcConfig_Str[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	_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_	4_5_6	
CustBattDiagNtcConfig_Str[5].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_upperVoltage_volt_u10n6_2_3_4_5		
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].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS		_o_/_o Time_DtrmnElapsedTime_mS_u16_ElapsedTime	ρ.
SystemTime mS T u32	2824741804	Time_bumileiapoea Time_mo_a To_elapoea Time	
Voltage Volts T u10p6	694		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E7		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_SystemTime_DtrmnElapsedTime_SystemTime_DtrmnElapsedTime_SystemTime_DtrmnElapsedTime_SystemTime_DtrmnElapsedTime_SystemTime_DtrmnElapsedTime_SystemTime_DtrmnElapsedTime_SystemTime_DtrmnElapsedTime_SystemTime_DtrmnElapsedTime_SystemTime_DtrmnElapsedTime_SystemTime_DtrmnElapsedTime_SystemTime_DtrmnElapsedTime_SystemTime_SystemTime_DtrmnElapsedTime_SystemTime_DtrmnElapsedTime_SystemTime_DtrmnElapsedTime_SystemTime_SystemTime_DtrmnElapsedTime_SystemSystemTime_SystemSyst$	me_mS_u16_Elap 51921		
target_lowerVoltage_volt_u10p6	40377		
target_lowerVoltage_volt_u10p6_2	2883		
target_lowerVoltage_volt_u10p6_2_3	39427		
target_lowerVoltage_volt_u10p6_2_3_4	13673		
target_lowerVoltage_volt_u10p6_2_3_4_5	60433		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	14878		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	20992		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	34785		
target_lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2	10627 51202		
target lowerWindowThresh Cnt u16 2 3	53798		
target lowerWindowThresh Cnt u16 2 3 4	51752		
target lowerWindowThresh Cnt u16 2 3 4 5	0		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	55293		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	9431		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	39261		
target_upperVoltage_volt_u10p6	40377		
target_upperVoltage_volt_u10p6_2	2883		
target_upperVoltage_volt_u10p6_2_3	39427		
target_upperVoltage_volt_u10p6_2_3_4	13673		
target_upperVoltage_volt_u10p6_2_3_4_5	60433		
target_upperVoltage_volt_u10p6_2_3_4_5_6	14878		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	20992		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	34785		
target_upperWindowThresh_Cnt_u16	61408		
target_upperWindowThresh_Cnt_u16_2	25640		
target_upperWindowThresh_Cnt_u16_2_3	1751		
target_upperWindowThresh_Cnt_u16_2_3_4	41190		
target_upperWindowThresh_Cnt_u16_2_3_4_5	46513 62574		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6 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	Resul
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	nesu
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330 1820141330	
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_us2 CustBattDiagNtcTimer Str[1].detectWindow Cnt M u32	2222682785	2222682785	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_us2 CustBattDiagNtcTimer Str[2].detectWindow Cnt M u32	3487010748	3487010748	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3487010748	3487010748	
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	2855943358	2855943358	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1907879047	1907879047	
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	



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

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

Гest Step 2.51 (Repeat Count = 1)	
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	apsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3867246855
/oltage_Volts_T_u10p6	131
LOIDetect_Volts_u10p6	0
LOINotDetect_Volts_u10p6	0
owVoltageExtraCryteria_Cnt_T_lgc	0
tc	CustBattDiagNtc_E2
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_	u16_Elap 34373
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_3	3835
arget_lowerWindowThresh_Cnt_u16_2_3_4	60723
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				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 2.52 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7



Name	Input Value		
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
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	0 = = = 1 = 0= 7	ime_DtrmnElapsedTime_mS_u16_ElapsedTi	ime
SystemTime_mS_T_u32	255461674		
Voltage_Volts_T_u10p6	692		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E5		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
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 24346		
target_lowerVoltage_volt_u10p6_2_3_4_5	20888		
target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6	51979		
	47670		
target_lowerWindowThresh_Cnt_u10	15953		
target_lowerWindowThresh_Cnt_u16 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 target_upperVoltage_volt_u10p6_2_3	45728		
target upperVoltage volt u10p6 2 3 4	52307		
target upperVoltage volt u10p6 2 3 4 5	24346		
target_upperVoltage_volt_u10p6_2_3_4_5_6	20888		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	51979		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	47670		
target upperWindowThresh Cnt u16	42111		
target upperWindowThresh Cnt u16 2	28669		
target upperWindowThresh Cnt u16 2 3	35927		
target upperWindowThresh Cnt u16 2 3 4	1239		
target upperWindowThresh Cnt u16 2 3 4 5	21260		
target upperWindowThresh Cnt u16 2 3 4 5 6	29736		
target upperWindowThresh Cnt u16 2 3 4 5 6 7	37558		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	34816		
Name		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 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[4].notbetectWindow_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[6].notDetectWindow_Crit_M_us2 CustBattDiagNtcTimer_Str[7].detectWindow_Crit_M_us2	96849749	96849749	
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	96849749	96849749	-
CustDattDiagNttc1illei_Stt[/].HotDetectvvilldow_Clit_Ivi_us2	300+3143	30043743	_

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



		(10	<i></i>
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	•	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	4.5	
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	F	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	1_0	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	1 5 6	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6_2_3_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_lowerVoltage_volt_u10p6_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 CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6_2_3_4_5_0	_	
	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_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(ElapsedTim		ime_DtrmnElapsedTime_mS_u16_ElapsedTin	ne
SystemTime_mS_T_u32	658449114		
Voltage_Volts_T_u10p6	878 0		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc 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	41323		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	26764		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	2371		
target lowerWindowThresh Cnt u16 2 3 4 5 6 7	24670		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	25653		
target upperVoltage volt u10p6	29082		
target upperVoltage_volt_u10p6 2	39550		
target upperVoltage volt u10p6 2 3	28162		
target upperVoltage volt u10p6 2 3 4	8742		
target upperVoltage volt u10p6 2 3 4 5	0		
target_upperVoltage_volt_u10p6_2_3_4_5_6	13618		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	24573		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	2008		
target_upperVintage_voir_u1opo_2_5_4_5_6_,_0 target_upperWindowThresh_Cnt_u16	1542		
target upperWindowThresh Cnt u16 2	10124		
target_upperWindowThresh_Cnt_u16_2 target_upperWindowThresh_Cnt_u16_2_3	32188		
target upperWindowThresh Cnt u16 2 3 4	3447		
target upperWindowThresh Cnt u16 2 3 4 5	29669		
target upperWindowThresh Cnt u16 2 3 4 5 6	41273		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	44207		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43076		
Name	Actual Value	Expected Value	Result
		1820141330	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1020141330	



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	-

Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].upperVoltage volt u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_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	2831648648
/oltage_Volts_T_u10p6	555
_LOIDetect_Volts_u10p6	0
LOINotDetect_Volts_u10p6	0
owVoltageExtraCryteria_Cnt_T_lgc	0
tc	CustBattDiagNtc_E2
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u1	6_Elap 56721
arget_lowerVoltage_volt_u10p6	39014
arget_lowerVoltage_volt_u10p6_2	10044
arget_lowerVoltage_volt_u10p6_2_3	11212
arget_lowerVoltage_volt_u10p6_2_3_4	60330
arget_lowerVoltage_volt_u10p6_2_3_4_5	65535
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	25562



Name	Input Value		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	48097		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	51910		
target_lowerWindowThresh_Cnt_u16	39513		
target_lowerWindowThresh_Cnt_u16_2	54341		
target_lowerWindowThresh_Cnt_u16_2_3	46119		
target_lowerWindowThresh_Cnt_u16_2_3_4	43080		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	6832		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	64503		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	10222		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	1694		
target_upperVoltage_volt_u10p6	39014		
target_upperVoltage_volt_u10p6_2	10044		
target_upperVoltage_volt_u10p6_2_3	11212		
target_upperVoltage_volt_u10p6_2_3_4	60330		
target_upperVoltage_volt_u10p6_2_3_4_5	65535		
target_upperVoltage_volt_u10p6_2_3_4_5_6	25562		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	48097		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	51910		
target_upperWindowThresh_Cnt_u16	38231		
target_upperWindowThresh_Cnt_u16_2	1303		
target_upperWindowThresh_Cnt_u16_2_3	12130		
target_upperWindowThresh_Cnt_u16_2_3_4	39392		
target_upperWindowThresh_Cnt_u16_2_3_4_5	57094		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	16695		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	37149		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	31741		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2831648648	2831648648	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2831648648	2831648648	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	255461674	255461674	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2824741804	2824741804	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2824741804	2824741804	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	96849749	96849749	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	96849749	96849749	✓

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

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



GustButtBlug_Report: duitwith historesis			1-1-10-10
Name	Input Value		
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_	4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_	4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_	4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_	6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_	4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_	-	
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		Fime_DtrmnElapsedTime_mS_u	16_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 ntc	CustBattDiagNtc E9		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 E	<u> </u>		
target_lowerVoltage_volt_u10p6	18906		
target lowerVoltage volt u10p6 2	20629		
target_lowerVoltage_volt_u10p6_2_3	945		
target_lowerVoltage_volt_u10p6_2_3_4	57413		
target_lowerVoltage_volt_u10p6_2_3_4_5	10720		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	38560		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	54868		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	45580		
target lowerWindowThresh Cnt u16	59869		
target lowerWindowThresh Cnt u16 2	25356		
target lowerWindowThresh Cnt u16 2 3	17896		
target_lowerWindowThresh_Cnt_u16_2_3_4	29263		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	33890		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	25050		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	21973		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	5225		
target_upperVoltage_volt_u10p6	18906		
target_upperVoltage_volt_u10p6_2	20629		
target_upperVoltage_volt_u10p6_2_3	945		
target_upperVoltage_volt_u10p6_2_3_4	57413		
target_upperVoltage_volt_u10p6_2_3_4_5	10720		
target_upperVoltage_volt_u10p6_2_3_4_5_6	38560		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	54868		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	45580		
target_upperWindowThresh_Cnt_u16	39584		
target_upperWindowThresh_Cnt_u16_2	54568		
target_upperWindowThresh_Cnt_u16_2_3	10266		
target_upperWindowThresh_Cnt_u16_2_3_4	33906		
target_upperWindowThresh_Cnt_u16_2_3_4_5	28606		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	59253		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	51592		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	28941		
Name	Actual Value	Expected Value	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	2120574965	2120574965	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2831648648	2831648648	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2831648648	2831648648	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	255461674	255461674	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	•
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2824741804	2824741804	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2824741804	2824741804	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3517515874	3517515874	•
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3517515874	3517515874	



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

est Step 2.56 (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	1049104167
oltage_Volts_T_u10p6	128
LOIDetect Volts u10p6	0
LOINotDetect_Volts_u10p6	0
wVoltageExtraCryteria_Cnt_T_lgc	1
tc	CustBattDiagNtc E9
.orget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	
riget_lowerVoltage_volt_u10p6	28980
	44361
rget_lowerVoltage_volt_u10p6_2	9514
rget_lowerVoltage_volt_u10p6_2_3	
rrget_lowerVoltage_volt_u10p6_2_3_4 rrget_lowerVoltage_volt_u10p6_2_3_4_5	23048
	34180
urget_lowerVoltage_volt_u10p6_2_3_4_5_6	59115
riget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	16516
liget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	11143
rget_lowerWindowThresh_Cnt_u16	10021
rget_lowerWindowThresh_Cnt_u16_2	64191
rget_lowerWindowThresh_Cnt_u16_2_3	30829
rget_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
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	54550
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	6411
rget_upperVoltage_volt_u10p6	28980
rget_upperVoltage_volt_u10p6_2	44361
	0514
irget_upperVoltage_volt_u10p6_2_3	9514



CustBattDiag_ReportFaultWithHisteresis	2010-03-11, 14.30.3010030		Razorcat
Name	Input Value		
target_upperVoltage_volt_u10p6_2_3_4_5_6	59115		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	16516		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	11143		
target_upperWindowThresh_Cnt_u16	23161		
target_upperWindowThresh_Cnt_u16_2	50277		
target_upperWindowThresh_Cnt_u16_2_3	60630		
target_upperWindowThresh_Cnt_u16_2_3_4	18485		
target_upperWindowThresh_Cnt_u16_2_3_4_5	0		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	39139		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	5683		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43608		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2831648648	2831648648	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2831648648	2831648648	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	255461674	255461674	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	44690950	44690950	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2594148775	2594148775	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2824741804	2824741804	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2824741804	2824741804	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3517515874	3517515874	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1049104167	1049104167	✓

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

Test Step 2.57 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime



Name	Input Value		
SystemTime_mS_T_u32	3517090381		
Voltage_Volts_T_u10p6	765		
k LOIDetect Volts u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E6		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 El	ap 46121		
target_lowerVoltage_volt_u10p6	28627		
target_lowerVoltage_volt_u10p6_2	30824		
target_lowerVoltage_volt_u10p6_2_3	56743		
target_lowerVoltage_volt_u10p6_2_3_4	2659		
target_lowerVoltage_volt_u10p6_2_3_4_5	51419		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	45686		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	56421		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	55377		
target_lowerWindowThresh_Cnt_u16	22806		
target_lowerWindowThresh_Cnt_u16_2	57422		
target_lowerWindowThresh_Cnt_u16_2_3	31548		
target_lowerWindowThresh_Cnt_u16_2_3_4	59702		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	53405		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	19447		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	51210		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7273		
target_upperVoltage_volt_u10p6	28627		
target_upperVoltage_volt_u10p6_2	30824		
target_upperVoltage_volt_u10p6_2_3	56743		
target_upperVoltage_volt_u10p6_2_3_4	2659		
target_upperVoltage_volt_u10p6_2_3_4_5	51419		
target_upperVoltage_volt_u10p6_2_3_4_5_6	45686		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	56421		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	55377		
target_upperWindowThresh_Cnt_u16	18276		
target_upperWindowThresh_Cnt_u16_2	50054		
target_upperWindowThresh_Cnt_u16_2_3	28321		
target_upperWindowThresh_Cnt_u16_2_3_4	60428		
target_upperWindowThresh_Cnt_u16_2_3_4_5	65535		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	39258		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	48347		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	5429		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2831648648	2831648648	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2831648648	2831648648	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	255461674	255461674	~
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3517090381	3517090381	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2824741804	2824741804	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2824741804	2824741804	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3517515874	3517515874	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1049104167	1049104167	✓

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

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



CustbattDiag_ReportFaultvittinisteresis			
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	1_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	-	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2		
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6_2_3_4 target_lowerWindowThresh_Cnt_u16_2		
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2		
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	_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	2_3_4_5_6	
CustBattDiagNtcConfig_Str[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		
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		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[7].upperWindowThresh Cnt_u16	target_lowerVoltage_volt_u10p6_2_3_4 target_upperWindowThresh_Cnt_u16_2		
CustBattDiagNtcConfig_Str[7].upperWindowTrresn_Cnt_u16 CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_uppervvindowinresn_Cnt_u16_2 target_upperVoltage_volt_u10p6_2_3_4		
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_u16(Elapsed			ElapsedTime
SystemTime_mS_T_u32	1736390532		
Voltage_Volts_T_u10p6	394		
k_LOIDetect_Volts_u10p6	0		
<_LOINotDetect_Volts_u10p6	0		
owVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E9		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_			
target_lowerVoltage_volt_u10p6	44264		
target_lowerVoltage_volt_u10p6_2	57156		
target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4	34701 62451		
target_lowerVoltage_volt_u10p6_2_3_4_5	10784		
target lowerVoltage volt u10p6 2 3 4 5 6	17145		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	17966		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	44460		
target_lowerWindowThresh_Cnt_u16	61816		
target_lowerWindowThresh_Cnt_u16_2	21657		
target_lowerWindowThresh_Cnt_u16_2_3	57160		
target_lowerWindowThresh_Cnt_u16_2_3_4	4102		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	50932		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	33744		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	47273		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	55839		
target_upperVoltage_volt_u10p6	44264		
target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3	57156 34701		
target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4	62451		
target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5	10784		
target_upperVoltage_volt_u10p6_2_3_4_5_6	17145		
target upperVoltage volt u10p6 2 3 4 5 6 7	17966		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	44460		
target_upperWindowThresh_Cnt_u16	41176		
target_upperWindowThresh_Cnt_u16_2	7203		
target_upperWindowThresh_Cnt_u16_2_3	61871		
arget_upperWindowThresh_Cnt_u16_2_3_4	40609		
arget_upperWindowThresh_Cnt_u16_2_3_4_5	22572		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	5123		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	44432		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	54165		
Name	Actual Value	Expected Value	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	•
CHORROTTI MORALE DE CARLO CONTRACTOR DE LA CONTRACTOR DE	2120574965	2120574965	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2021640640	2021640640	
CustBattDiagNtcTimer_Str[1].nutDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2831648648 2831648648	2831648648 2831648648	



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				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 2.59 (Repeat Count = 1)	
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig Str[3].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig Str[5].upperVoltage volt u10p6	
3	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_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_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	2625398704
'oltage_Volts_T_u10p6	599
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
owVoltageExtraCryteria_Cnt_T_lgc	1
tc	CustBattDiagNtc_E2
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u1	16_Elap 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 arget_lowerWindowThresh_Cnt_u16_2_3_4_5	22092
arget_lowerWindowThresh_Cnt_u16_2_3_4_5 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_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



CusibaliDiag_ReportFaultWithHisteresis	
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 CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperWindowThresh_Cnt_u16_2_3 target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_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 SystemTime_mS_T_u32	apsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime 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	
target_lowerVoltage_volt_u10p6	2127
target_lowerVoltage_volt_u10p6_2	940
target_lowerVoltage_volt_u10p6_2_3	53412
target_lowerVoltage_volt_u10p6_2_3_4	3480
target_lowerVoltage_volt_u10p6_2_3_4_5	21358
target_lowerVoltage_volt_u10p6_2_3_4_5_6	14779
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	20502
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	56194
target_lowerWindowThresh_Cnt_u16	30996
target_lowerWindowThresh_Cnt_u16_2	59116
target_lowerWindowThresh_Cnt_u16_2_3	52422
target_lowerWindowThresh_Cnt_u16_2_3_4	48579
target_lowerWindowThresh_Cnt_u16_2_3_4_5	49201
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	26065
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	31891
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	58909 2127
target_upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2	940
target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3	53412
target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4	3480
target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5	21358
target_upperVoltage_volt_u10p6_2_3_4_5 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 Res
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330 1820141330



Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer Str[0].notDetectWindow Cnt M u32	1820141330	1820141330	Result
			•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2835788790	2835788790	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	255461674	255461674	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3517090381	3517090381	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	391129204	391129204	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	391129204	391129204	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3517515874	3517515874	•
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1736390532	1736390532	•

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

Test Step 2.62 (Repeat Count = 1)	
Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].upperVoltage volt u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig Str[3].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[3].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig Str[3].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
custBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig Str[5].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
3	
custBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_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	
systemTime_mS_T_u32	1068296982
/oltage_Volts_T_u10p6	837
_LOIDetect_Volts_u10p6	
_LOINotDetect_Volts_u10p6	0
owVoltageExtraCryteria_Cnt_T_lgc	1.
tc	CustBattDiagNtc_E5
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	
arget_lowerVoltage_volt_u10p6	24334
arget_lowerVoltage_volt_u10p6_2	500
arget_lowerVoltage_volt_u10p6_2_3	45234
arget_lowerVoltage_volt_u10p6_2_3_4	32956
arget_lowerVoltage_volt_u10p6_2_3_4_5	41753



Name	Input Value		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	0		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	6036		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	35579		
target_lowerWindowThresh_Cnt_u16	61734		
target_lowerWindowThresh_Cnt_u16_2	48503		
target_lowerWindowThresh_Cnt_u16_2_3	29807		
target_lowerWindowThresh_Cnt_u16_2_3_4	23675		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	8541		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	52434		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	57427		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	59930		
target_upperVoltage_volt_u10p6	24334		
target_upperVoltage_volt_u10p6_2	500		
target_upperVoltage_volt_u10p6_2_3	45234		
target_upperVoltage_volt_u10p6_2_3_4	32956		
target_upperVoltage_volt_u10p6_2_3_4_5	41753		
target_upperVoltage_volt_u10p6_2_3_4_5_6	0		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	6036		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	35579		
target_upperWindowThresh_Cnt_u16	44470		
target_upperWindowThresh_Cnt_u16_2	14758		
target_upperWindowThresh_Cnt_u16_2_3	20091		
target_upperWindowThresh_Cnt_u16_2_3_4	36059		
target_upperWindowThresh_Cnt_u16_2_3_4_5	2286		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	17022		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	7694		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	44752		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2120574965	2120574965	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2835788790	2835788790	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3517090381	3517090381	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	391129204	391129204	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	391129204	391129204	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3517515874	3517515874	•
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1736390532	1736390532	•

Test Step Call Trace				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 2.63 (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



CustbattDiag_ReportFauitWittinisteresis		TO LOC	1000
Name	Input Value		
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	1_ 5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_0	3	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_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	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_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		dTime -
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin		ime_DtrmnElapsedTime_mS_u16_Elapsed	J I ime
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 CustPattDiagNto_E1		
ntc	CustBattDiagNtc_E1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elapset_lauget(ellege_ustb_u10e6_	65046		
target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2	15218		
target lowerVoltage_volt_u10p6_2 3	32718		
target_lowerVoltage_volt_u10p6_2_3_4	31235		
target_lowerVoltage_volt_u10p6_2_3_4_5	34660		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	65535		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	52645		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	17795		
target lowerWindowThresh Cnt u16	13494		
target lowerWindowThresh Cnt u16 2	49584		
target_lowerWindowThresh_Cnt_u16_2_3	43721		
target_lowerWindowThresh_Cnt_u16_2_3_4	34		
target lowerWindowThresh Cnt u16 2 3 4 5	52682		
target lowerWindowThresh Cnt u16 2 3 4 5 6	28434		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	62958		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26600		
target upperVoltage volt u10p6	65046		
target upperVoltage volt u10p6 2	15218		
target upperVoltage volt u10p6 2 3	32718		
target_upperVoltage_volt_u10p6_2_3_4	31235		
target_upperVoltage_volt_u10p6_2_3_4_5	34660		
target_upperVoltage_volt_u10p6_2_3_4_5_6	65535		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	52645		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	17795		
target_upperWindowThresh_Cnt_u16	14640		
target_upperWindowThresh_Cnt_u16_2	44684		
target_upperWindowThresh_Cnt_u16_2_3	62866		
target_upperWindowThresh_Cnt_u16_2_3_4	64390		
target_upperWindowThresh_Cnt_u16_2_3_4_5	37081		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	58163		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	40006		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	62411		
Name	Actual Value	Expected Value	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	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				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
	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				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 2.65 (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
sustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
custBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
custBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
custBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(El	lapsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3091893721
/oltage_Volts_T_u10p6	762



Name	Input Value		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E9		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65012		
target_lowerVoltage_volt_u10p6	9568		
target_lowerVoltage_volt_u10p6_2	8172		
target_lowerVoltage_volt_u10p6_2_3	48949		
target_lowerVoltage_volt_u10p6_2_3_4	13163		
target_lowerVoltage_volt_u10p6_2_3_4_5	51545		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	59706		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	44305		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	49001		
target_lowerWindowThresh_Cnt_u16	26965		
target_lowerWindowThresh_Cnt_u16_2	21890		
target_lowerWindowThresh_Cnt_u16_2_3	51148		
target_lowerWindowThresh_Cnt_u16_2_3_4	30076		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	38257		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	36509		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	12249		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	63291		
target_upperVoltage_volt_u10p6	9568		
target_upperVoltage_volt_u10p6_2	8172		
target_upperVoltage_volt_u10p6_2_3	48949		
target_upperVoltage_volt_u10p6_2_3_4	13163		
target_upperVoltage_volt_u10p6_2_3_4_5	51545		
target_upperVoltage_volt_u10p6_2_3_4_5_6	59706		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	44305		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	49001		
target_upperWindowThresh_Cnt_u16	50415		
target_upperWindowThresh_Cnt_u16_2	17266		
target_upperWindowThresh_Cnt_u16_2_3	31329		
target_upperWindowThresh_Cnt_u16_2_3_4	54722		
target_upperWindowThresh_Cnt_u16_2_3_4_5	53994		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	0		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	2660		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	56813		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2222682785	2222682785	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3169103008	3169103008	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	~
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3517090381	3517090381	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	391129204	391129204	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	391129204	391129204	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	~

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

Test Step 2.66 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	



- 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	~

Name	Input Value
	·
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[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
custBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
custBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
custBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_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_SystemTime_DtrmnElapsedTime_mS_u16(El	
systemTime mS T u32	2694265792
/oltage_Volts_T_u10p6	662
LOIDetect Volts u10p6	0
LOINotDetect Volts u10p6	0
CONVOIDERECT_VOIIS_UTOPO pwVoltageExtraCryteria_Cnt_T_lgc	0
otc	CustBattDiagNtc_E7
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_	
arget_lowerVoltage_volt_u10p6	37030
irget_lowerVoltage_volt_u10p6_2	47246
arget_lowerVoltage_volt_u10p6_2_3	42816
arget_lowerVoltage_volt_u10p6_2_3_4	54633
arget_lowerVoltage_volt_u10p6_2_3_4_5	50988
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	26092
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	21018
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	38387
arget_lowerWindowThresh_Cnt_u16	61848
arget_lowerWindowThresh_Cnt_u16_2	46252



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

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

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



Name	Input Value		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4		
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_DtrmnElapsedTime_mS_u16_Elaps	edlime
SystemTime_mS_T_u32	2538608509		
Voltage_Volts_T_u10p6	0		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc ntc	CustBattDiagNtc_E7		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap			
target_lowerVoltage_volt_u10p6	32689		
target lowerVoltage volt u10p6 2	61217		
target lowerVoltage volt u10p6 2 3	54459		
target_lowerVoltage_volt_u10p6_2_3_4	43595		
target lowerVoltage volt u10p6 2 3 4 5	37686		
target lowerVoltage volt u10p6 2 3 4 5 6	901		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	55325		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	4551		
target lowerWindowThresh Cnt u16	2825		
target lowerWindowThresh Cnt u16 2	23553		
target_lowerWindowThresh_Cnt_u16_2_3	48077		
target lowerWindowThresh Cnt u16 2 3 4	64877		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	30444		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	39073		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	0		
target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8	39170		
target upperVoltage volt u10p6	32689		
target upperVoltage volt u10p6 2	61217		
target_upperVoltage_volt_u10p6_2_3	54459		
target_upperVoltage_volt_u10p6_2_3_4	43595		
target_upperVoltage_volt_u10p6_2_3_4_5	37686		
target_upperVoltage_volt_u10p6_2_3_4_5_6	901		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	55325		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	4551		
target_upperWindowThresh_Cnt_u16	37605		
target_upperWindowThresh_Cnt_u16_2	64728		
target_upperWindowThresh_Cnt_u16_2_3	32468		
target_upperWindowThresh_Cnt_u16_2_3_4	44688		
target_upperWindowThresh_Cnt_u16_2_3_4_5	30202		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	7288		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	25957		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	56545		
Name		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	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32		3169103008	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32		2835788790	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32		3998659835	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32		255461674	V
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32		1068296982	~
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32		1476367136	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32		3517090381	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32		2538608509	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32		2538608509	V
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32		658449114	Y
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32		658449114	*
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32		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	✓



est Step 2.69 (Repeat Count = 1)	Input Value
	•
custBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16 custBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperWindowThresh_Cnt_u16 target upperVoltage volt u10p6
ustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh Cnt u16
ustBattDiagNtcConfig_Str[0].lowerVvirtdowTriresh_Crit_u10 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(Elapse	edTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
ystemTime_mS_T_u32	2043796865
oltage_Volts_T_u10p6	397
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
wVoltageExtraCryteria_Cnt_T_lgc	0
С	CustBattDiagNtc_E1
rget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	5_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
rget_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
get_upperVoltage_volt_u10p6_2	11719
get_upperVoltage_volt_u10p6_2_3	30437
get_upperVoltage_volt_u10p6_2_3_4	55914
rget_upperVoltage_volt_u10p6_2_3_4_5	14651
rget_upperVoltage_volt_u10p6_2_3_4_5_6	33831
rget_upperVoltage_volt_u10p6_2_3_4_5_6_7	43218
rget_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	7625
rget_upperWindowThresh_Cnt_u16	62266
rget_upperWindowThresh_Cnt_u16_2	6768
rget_upperWindowThresh_Cnt_u16_2_3	22341
rget_upperWindowThresh_Cnt_u16_2_3_4	19909
rget_upperwindow rniesii_Cnt_u ro_z_3_4	



Name	Input Value		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	38257		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	48207		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	24928		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2043796865	2043796865	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2043796865	2043796865	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	~
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2538608509	2538608509	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2538608509	2538608509	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	~

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

Test Step 2.70 (Repeat Count = 1)	
Name	Input Value
CustBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
ustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
ustBattDiagNtcConfig 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
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig 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
sustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig 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
sustBattDiagNtcConfig 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
ustBattDiagNtcConfig 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
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
ustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig 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
CustBattDiagNtcConfig Str[7].upperVoltage volt u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig 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(Elaps	
ystemTime mS T u32	2601371668
oltage_Volts_T_u10p6	949
LOIDetect Volts u10p6	0
LOINotDetect Volts u10p6	0
pwVoltageExtraCryteria Cnt T lgc	1
tc	CustBattDiagNtc E1
arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u1	, <u> </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)	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



- OdotBattBidg_Neporti dattvittii liotereolo			/
Name	Input Value		
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[5].upperVoltage_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	_	
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].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		 me_DtrmnElapsedTime_mS_u16_ElapsedTin	ne
SystemTime mS T u32	237540168	2 2 2	
Voltage_Volts_T_u10p6	820		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	33906		
target_lowerVoltage_volt_u10p6	47903		
target_lowerVoltage_volt_u10p6_2	51458		
target_lowerVoltage_volt_u10p6_2_3	45637		
target_lowerVoltage_volt_u10p6_2_3_4	56514		
target_lowerVoltage_volt_u10p6_2_3_4_5	63823		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	22066		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	0		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	30102		
target_lowerWindowThresh_Cnt_u16	55365		
target_lowerWindowThresh_Cnt_u16_2	27704		
target_lowerWindowThresh_Cnt_u16_2_3	59248		
target_lowerWindowThresh_Cnt_u16_2_3_4	43661		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	32708		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	20801		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	33940 54900		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8 target_upperVoltage_volt_u10p6	47903		
target upperVoltage volt u10p6 2	51458		
target_upperVoltage_volt_u10p6_2_3	45637		
target upperVoltage volt u10p6 2 3 4	56514		
target upperVoltage volt u10p6 2 3 4 5	63823		
target_upperVoltage_volt_u10p6_2_3_4_5_6	22066		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	0		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	30102		
target_upperWindowThresh_Cnt_u16	22432		
target_upperWindowThresh_Cnt_u16_2	18548		
target_upperWindowThresh_Cnt_u16_2_3	2465		
target_upperWindowThresh_Cnt_u16_2_3_4	3249		
target_upperWindowThresh_Cnt_u16_2_3_4_5	26540		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	64183		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	35630		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	22460		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	•
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	1820141330	1820141330	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	•
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	237540168	237540168	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3998659835	3998659835	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	•
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2538608509	2538608509	_
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2538608509	2538608509	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	658449114	658449114	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	658449114	658449114	✓



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

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

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	010-00-11, 14.36.30+0030	7	<i>azorcat</i>
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			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 2.73 (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_C	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		Diag_SystemTime_DtrmnElapsedTime_mS_u16	_ElapsedTime
SystemTime_mS_T_u32	3686189422		
Voltage_Volts_T_u10p6	1023		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E8		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_	- 1		
target_lowerVoltage_volt_u10p6	32146		
target_lowerVoltage_volt_u10p6_2	8193		
target_lowerVoltage_volt_u10p6_2_3	25176		
target_lowerVoltage_volt_u10p6_2_3_4	5661		
target_lowerVoltage_volt_u10p6_2_3_4_5	4613		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	36333		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	16573		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	48778		
target_lowerWindowThresh_Cnt_u16	57170		
target_lowerWindowThresh_Cnt_u16_2	42267		
target_lowerWindowThresh_Cnt_u16_2_3	32710		
target_lowerWindowThresh_Cnt_u16_2_3_4	25138		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	36820		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	49663		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	25160		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	918		
target_upperVoltage_volt_u10p6	32146		
target_upperVoltage_volt_u10p6_2	8193		
target_upperVoltage_volt_u10p6_2_3	25176		
target_upperVoltage_volt_u10p6_2_3_4	5661		
target_upperVoltage_volt_u10p6_2_3_4_5	4613		
target_upperVoltage_volt_u10p6_2_3_4_5_6	36333		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	16573		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	48778		
target_upperWindowThresh_Cnt_u16	50704		
target_upperWindowThresh_Cnt_u16_2	24567		
target_upperWindowThresh_Cnt_u16_2_3	52703		
target_upperWindowThresh_Cnt_u16_2_3_4	25965		
target_upperWindowThresh_Cnt_u16_2_3_4_5	43330		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	61132		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	705		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	15661		
Name	Actual Value	Expected Value	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	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[4].notbetectWindow_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[0].notDetectWindow_Cnt_M_u32	3091893721	3091893721	
Custout bug No inner_Out [1]. uctout vinuow_Ont_IVI_usz	3031033121	0001000121	

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

Test Step 2.74 (Repeat Count = 1)	
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16



Cusibalibiag_ReportFaultWillinisteresis			<i>X</i> 10
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	4	
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	<i>}</i>	
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	*_3 	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2 3 4	4 5	
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5	, 	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_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_4		
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_6	3_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	↓_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	3_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_ElapsedTin	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_Ela			
target_lowerVoltage_volt_u10p6	45792		
target_lowerVoltage_volt_u10p6_2	22191 798		
target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3 4	61418		
target lowerVoltage_volt_u10p6_2_3_4 target lowerVoltage_volt_u10p6_2_3_4	62758		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	2179		
target lowerVoltage volt u10p6 2 3 4 5 6 7	35603		
target lowerVoltage volt u10p6 2 3 4 5 6 7 8	33608		
target lowerWindowThresh Cnt u16	10857		
target lowerWindowThresh Cnt u16 2	59412		
target lowerWindowThresh Cnt u16 2 3	44483		
target lowerWindowThresh Cnt u16 2 3 4	11015		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	17763		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	51532		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	58379		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	63936		
target_upperVoltage_volt_u10p6	45792		
target_upperVoltage_volt_u10p6_2	22191		
target_upperVoltage_volt_u10p6_2_3	798		
target_upperVoltage_volt_u10p6_2_3_4	61418		
target_upperVoltage_volt_u10p6_2_3_4_5	62758		
target_upperVoltage_volt_u10p6_2_3_4_5_6	2179		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	35603		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	33608		
target_upperWindowThresh_Cnt_u16	2799		
target_upperWindowThresh_Cnt_u16_2	32970		
target_upperWindowThresh_Cnt_u16_2_3	48375		
target_upperWindowThresh_Cnt_u16_2_3_4	27057		
target_upperWindowThresh_Cnt_u16_2_3_4_5	44527		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	60135		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	0		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	19233		
Name	Actual Value	Expected Value	Resu
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				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 Stan 2.75 (Beneat Count = 4)	
Test Step 2.75 (Repeat Count = 1)	·
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7 8
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	
SystemTime mS T u32	2863361536
Voltage Volts T u10p6	996
k_LOIDetect_Volts_u10p6	0
k LOINotDetect Volts u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc E0
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	· -
target lowerVoltage volt u10p6	42234
target lowerVoltage volt u10p6 2	19696
target lowerVoltage volt u10p6 2 3	51612
target lowerVoltage volt u10p6 2 3 4	27239
target lowerVoltage_volt_u10p6_2_3_4_5	63518
target_lowerVoltage_volt_u10p6_2_3_4_5_6	2521
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	10694
target lowerVoltage volt u10p6 2 3 4 5 6 7 8	42386
gooooa.ropo_z_ooo	



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	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	



CustBattDiag_ReportFaultWithHisteresis

		•	10.10
Name	Input Value		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_	3_4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_	5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_:	3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_	5_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_	3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_	5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_	3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_	5_6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_		
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_		- IT
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(El		m lime_DtrmnElapsed lime_mS_u16	_Elapsed lime
SystemTime_mS_T_u32	4046255567 6		
Voltage_Volts_T_u10p6	0		
k_LOIDetect_Volts_u10p6 k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E8		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_			
target_lowerVoltage_volt_u10p6	14744		
target_lowerVoltage_volt_u10p6_2	34534		
target_lowerVoltage_volt_u10p6_2_3	8896		
target_lowerVoltage_volt_u10p6_2_3_4	45127		
target_lowerVoltage_volt_u10p6_2_3_4_5	37291		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	61017		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	56150		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	22077		
target_lowerWindowThresh_Cnt_u16	34460		
target_lowerWindowThresh_Cnt_u16_2	17595		
target_lowerWindowThresh_Cnt_u16_2_3	31117		
target_lowerWindowThresh_Cnt_u16_2_3_4	36920		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	344		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	30527		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	46347		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	15953 14744		
target_upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2	34534		
target_upperVoltage_volt_u10p6_2_3	8896		
target_upperVoltage_volt_u10p6_2_3_4	45127		
target_upperVoltage_volt_u10p6_2_3_4_5	37291		
target upperVoltage volt u10p6 2 3 4 5 6	61017		
target upperVoltage volt u10p6 2 3 4 5 6 7	56150		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	22077		
target_upperWindowThresh_Cnt_u16	60419		
target_upperWindowThresh_Cnt_u16_2	50645		
target_upperWindowThresh_Cnt_u16_2_3	9640		
target_upperWindowThresh_Cnt_u16_2_3_4	59264		
target_upperWindowThresh_Cnt_u16_2_3_4_5	29384		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	61898		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	55428		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	44255		
Name	Actual Value	Expected Value	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	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 CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721 3091893721	3091893721	
CUSIDAULIJADINICI IMPER SITE/L NOTI DETECTIVINGOW C'nt M 1132	3091893721	3091893727	

3091893721

3091893721

 $CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32$



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 2.77 (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	target lowerVoltage volt u10p6 2 3
ustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6 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
$te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTi$	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
ystemTime_mS_T_u32	1455583955
oltage_Volts_T_u10p6	190
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
wVoltageExtraCryteria_Cnt_T_lgc	1
c	CustBattDiagNtc_E7
rget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	38501
rget_lowerVoltage_volt_u10p6	7070
rget_lowerVoltage_volt_u10p6_2	18550
rget_lowerVoltage_volt_u10p6_2_3	55443
rget_lowerVoltage_volt_u10p6_2_3_4	36036
rget_lowerVoltage_volt_u10p6_2_3_4_5	34827
rget_lowerVoltage_volt_u10p6_2_3_4_5_6	49558
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	42782
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	25433
rget_lowerWindowThresh_Cnt_u16	23759
rget_lowerWindowThresh_Cnt_u16_2	17360
rget_lowerWindowThresh_Cnt_u16_2_3	37029
rget_lowerWindowThresh_Cnt_u16_2_3_4	16767
rget_lowerWindowThresh_Cnt_u16_2_3_4_5	46479
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	927
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	61408
rget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	0
rget_upperVoltage_volt_u10p6	7070
rget_upperVoltage_volt_u10p6_2	18550
rget_upperVoltage_volt_u10p6_2_3	55443
rget_upperVoltage_volt_u10p6_2_3_4	36036
rget_upperVoltage_volt_u10p6_2_3_4_5	34827
rget_upperVoltage_volt_u10p6_2_3_4_5_6	49558



Name	Input Value		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	42782		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	25433		
target_upperWindowThresh_Cnt_u16	47470		
target_upperWindowThresh_Cnt_u16_2	6453		
target_upperWindowThresh_Cnt_u16_2_3	9337		
target_upperWindowThresh_Cnt_u16_2_3_4	8775		
target_upperWindowThresh_Cnt_u16_2_3_4_5	31795		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	16915		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	46697		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	2744		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1068296982	1068296982	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2538608509	2538608509	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1455583955	1455583955	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	4046255567	4046255567	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	•

Test Step Call Trace				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 2.78 (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
sustBattDiagNtcConfig_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(E	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		
target_upperVoltage_volt_u10p6_2_3_4	6962		
target upperVoltage volt u10p6 2 3 4 5	2309		
target_upperVoltage_volt_u10p6_2_3_4_5_6	60788		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	5006		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	60774		
target_upperWindowThresh_Cnt_u16	52117		
target upperWindowThresh Cnt u16 2	38419		
target upperWindowThresh Cnt u16 2 3	35358		
target_upperWindowThresh_Cnt_u16_2_3_4	43092		
target_upperWindowThresh_Cnt_u16_2_3_4_5	25946		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	65472		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	61785		
target upperWindowThresh Cnt u16 2 3 4 5 6 7 8	14813		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	rtoouit
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	-
CustBattDiagNtcTimer Str[1].detectWindow Cnt M u32	237540168	237540168	
	2751979985	2751979985	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer Str[2].detectWindow Cnt M u32	2835788790	2835788790	
CustBattDiagNtcTimer Str[2].notDetectWindow Cnt_M_u32	1468511910	1468511910	
CustBattDiagNtcTimer_Str[3].notbetectWindow_Cnt_M_u32	255461674	255461674	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3686189422	3686189422	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_us2 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_us2	1476367136	1476367136	
CustBattDiagNtcTimer_Str[4].oetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3517090381	3517090381	
	2538608509	2538608509	J
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1455583955		
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer Str[6].detectWindow Cnt M u32		1455583955 3686189422	
CustBattDiagNtcTimer_Str[6].oetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3686189422 4046255567	4046255567	-
	3091893721		
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	-
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3031033721	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_ReportFauitWithInsteresis			GIACITUS V
Name	Input Value		
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2		
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	6_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_		
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16		
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u10		
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_upperVoltage_volt_u10p6_2_: target_lowerWindowThresh_Cnt_u16	_	
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u10	_	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16		
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_s	3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	3_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u10		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_		
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16		
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2_3 target_upperWindowThresh_Cnt_u10		
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2 :		
CustBattDiagNtcConfig_Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16		
CustBattDiagNtcConfig Str[7].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10p6_2_3		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elaps			_ElapsedTime
SystemTime_mS_T_u32	1468511910		
Voltage_Volts_T_u10p6	325		
<_LOIDetect_Volts_u10p6	0		
C_LOINotDetect_Volts_u10p6	0		
owVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E7		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16			
target_lowerVoltage_volt_u10p6	1893 63611		
target_lowerVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2_3	31191		
target_lowerVoltage_volt_u10p6_2_3_4	29107		
target_lowerVoltage_volt_u10p6_2_3_4_5	45789		
target lowerVoltage volt u10p6 2 3 4 5 6	20601		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	37984		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	52486		
target_lowerWindowThresh_Cnt_u16	15574		
target_lowerWindowThresh_Cnt_u16_2	33057		
target_lowerWindowThresh_Cnt_u16_2_3	42836		
target_lowerWindowThresh_Cnt_u16_2_3_4	16843		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	55515		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	9558		
rarget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 rarget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	49745 17538		
target_lowerVilldowTiflesi1_Cht_u10_2_3_4_5_6_7_8 target_upperVoltage_volt_u10p6	1893		
arget_upperVoltage_volt_u10p6 arget_upperVoltage_volt_u10p6_2	63611		
arget_upperVoltage_volt_u10p6_2_3	31191		
arget_upperVoltage_volt_u10p6_2_3_4	29107		
target_upperVoltage_volt_u10p6_2_3_4_5	45789		
arget_upperVoltage_volt_u10p6_2_3_4_5_6	20601		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	37984		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	52486		
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		
arget_upperWindowThresh_Cnt_u16_2_3_4_5	19945		
rarget_upperWindowThresh_Cnt_u16_2_3_4_5_6	18485 8217		
arget_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 arget_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	29538		
		Evnosted Value	Da.
Name	1820141330	Expected Value	Resu
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer Str[0].notDetectWindow Cnt M u32	1820141330 2863361536	1820141330 2863361536	
CustBattDiagNtcTimer_Str[u].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2863361536	2863361536	
CustBattDiagNtcTimer_Str[1].detectvvindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	237540168	
	2101010000		
	2835788790	2835788790	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2835788790 1468511910	2835788790 1468511910	



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

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

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
ustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
ustBattDiagNtcConfig_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
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
sustBattDiagNtcConfig_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
re_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Ela	psedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
ystemTime_mS_T_u32	2863361536
oltage_Volts_T_u10p6	488
_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 13407
rget_lowerVoltage_volt_u10p6	58855
irget_lowerVoltage_volt_u10p6_2	34513
rget_lowerVoltage_volt_u10p6_2_3	42179
rget_lowerVoltage_volt_u10p6_2_3_4	8139
rget lowerVoltage volt u10p6 2 3 4 5	63519
rget lowerVoltage volt u10p6 2 3 4 5 6	52120
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	63243
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	0
arget_lowerWindowThresh_Cnt_u16	60727
arget lowerWindowThresh Cnt u16 2	61593
arget 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



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Name	Input Value		
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_	6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_	4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_	6_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_	4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_	6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_	4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_	6_7_8	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) = 0.000 + 0$	im target_Rte_Call_Ap_CustBattDiag_System	Fime_DtrmnElapsedTime_mS_u16_ElapsedT	ime
SystemTime_mS_T_u32	3386859209		
Voltage_Volts_T_u10p6	714		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
IowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E8		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_El			
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 target_lowerVoltage_volt_u10p6_2_3_4_5	46916 63795		
	5023		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	65535		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerWindowThresh_Cnt_u16	227		
target lowerWindowThresh Cnt u16 2	36287		
target lowerWindowThresh Cnt u16 2 3	9956		
target_lowerWindowThresh_Cnt_u16_2_3_4	48306		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	17083		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	52071		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	9087		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	49377		
target upperVoltage volt u10p6	47676		
target upperVoltage volt u10p6 2	43163		
target upperVoltage volt u10p6 2 3	64832		
target_upperVoltage_volt_u10p6_2_3_4	45222		
target_upperVoltage_volt_u10p6_2_3_4_5	46916		
target_upperVoltage_volt_u10p6_2_3_4_5_6	63795		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	5023		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	65535		
target_upperWindowThresh_Cnt_u16	3129		
target_upperWindowThresh_Cnt_u16_2	53999		
target_upperWindowThresh_Cnt_u16_2_3	40535		
target_upperWindowThresh_Cnt_u16_2_3_4	36135		
target_upperWindowThresh_Cnt_u16_2_3_4_5	47900		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	37773		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	53510		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	42887		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	_
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	255461674	255461674	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3686189422	3686189422	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2863361536	2863361536	_
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	1468511910	1468511910	
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	1468511910	1468511910	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3686189422	3686189422	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3386859209	3386859209	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	3091893721	3091893721	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	~



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 target_lowerVoltage_volt_u10p6_2_3 15844 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	✓

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig Str[3].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig Str[5].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig Str[7].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig 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	1218049674
/oltage_Volts_T_u10p6	625
LOIDetect Volts u10p6	0
LOINotDetect Volts u10p6	0
pwVoltageExtraCryteria_Cnt_T_lgc	1
tc	CustBattDiagNtc_E7
arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS	
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	3091893721	3091893721	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	2	~

Test Step 2.85 (Repeat Count = 1)	
Name Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[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
custBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
custBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
custBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
custBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_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_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2360498250
/oltage_Volts_T_u10p6	172
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
pwVoltageExtraCryteria_Cnt_T_lgc	1
tc	CustBattDiagNtc_E6
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u1	16_Elap 57977
arget_lowerVoltage_volt_u10p6	29286
arget_lowerVoltage_volt_u10p6_2	14552
arget_lowerVoltage_volt_u10p6_2_3	2965
arget_lowerVoltage_volt_u10p6_2_3_4	42281
arget_lowerVoltage_volt_u10p6_2_3_4_5	12868
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	55056
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	15966
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	12207
arget_lowerWindowThresh_Cnt_u16	43415
arget_lowerWindowThresh_Cnt_u16_2	57242
arget_lowerWindowThresh_Cnt_u16_2_3	29137
arget lowerWindowThresh Cnt u16 2 3 4	38856
arget lowerWindowThresh Cnt u16 2 3 4 5	9557
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	21243
arget lowerWindowThresh Cnt u16 2 3 4 5 6 7	36083
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43825
arget_upperVoltage_volt_u10p6	29286
arget_upperVoltage_volt_u10p6_2	14552
arget_upperVoltage_volt_u10p6_2_3	2965
arget_upperVoltage_volt_u10p6_2_3_4	42281



CustBattDiag_ReportFaultWithHisteresis	2010-00-17, 14.30.30+0030		Razorcat
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				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	✓

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	5 7 8	
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 ElapsedTime		
SystemTime mS T u32	215674156		
Voltage Volts T u10p6	210		
k LOIDetect Volts u10p6	0		
k LOINotDetect Volts u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	0		
ntc	CustBattDiagNtc_E8		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
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				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 2.87 (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
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig 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
lowVoltageExtraCryteria Cnt T Igc	0
ntc	CustBattDiagNtc_E7
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	
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
0	Tarana and a second



Name	Input Value		
target lowerWindowThresh Cnt u16 2	46504		
target lowerWindowThresh Cnt u16 2 3	25558		
target lowerWindowThresh Cnt u16 2 3 4	26205		
target lowerWindowThresh Cnt u16 2 3 4 5	32999		
target lowerWindowThresh Cnt u16 2 3 4 5 6	39254		
target lowerWindowThresh Cnt u16 2 3 4 5 6 7	27800		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	23400		
target upperVoltage volt u10p6	35939		
target_upperVoltage_volt_u10p6_2	58414		
target_upperVoltage_volt_u10p6_2_3	2131		
target_upperVoltage_volt_u10p6_2_3_4	32597		
target_upperVoltage_volt_u10p6_2_3_4_5	11937		
target_upperVoltage_volt_u10p6_2_3_4_5_6	61857		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	64894		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	31256		
target_upperWindowThresh_Cnt_u16	41743		
target_upperWindowThresh_Cnt_u16_2	5837		
target_upperWindowThresh_Cnt_u16_2_3	13899		
target_upperWindowThresh_Cnt_u16_2_3_4	11487		
target_upperWindowThresh_Cnt_u16_2_3_4_5	27680		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	33168		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	5864		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	42334		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2751979985	2751979985	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1468581337	1468581337	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	1468581337	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	2360498250	2360498250	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2789309430	2789309430	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2789309430	2789309430	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1360045420	1360045420	✓

Test Step Call Trace				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 2.89 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6



Name	Input Value		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[5].lowerVoltage_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 CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerWindowThresh_Cnt_u16_2_3_4 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	me
SystemTime_mS_T_u32	3690017398		
Voltage_Volts_T_u10p6	471		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E6		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
target_lowerVoltage_volt_u10p6	13442		
target_lowerVoltage_volt_u10p6_2	5788 18701		
target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4	15674		
target_lowerVoltage_volt_u10p6_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4	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 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	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 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2751979985 2835788790	2751979985 2835788790	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	1468511910	1468511910	
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1468581337	1468581337	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_w_u32 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	٠,
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2789309430	2789309430	•
	215674156	215674156	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32			
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	
		215674156 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 2.90 (Repeat Count = 1)	
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	im target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	233054632
Voltage_Volts_T_u10p6	30
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
lowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E9
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 E	ap 65535
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6	ap 65535 27637
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2	ap 65535 27637 31225
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2_3	ap 65535 27637 31225 56099
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 E target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4	ap 65535 27637 31225 56099 51231
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2_3 target_lowerVoltage_volt_u10p6_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_5	ap 65535 27637 31225 56099 51231
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 El target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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 target_lowerVoltage_volt_u10p6_2_3_4_5_6	ap 65535 27637 31225 56099 51231 9001 17545
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 El target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_56 target_lowerVoltage_volt_u10p6_2_3_4_56 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_67	ap 65535 27637 31225 56099 51231 9001 17545 45565
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_56 target_lowerVoltage_volt_u10p6_2_3_4_56_7 target_lowerVoltage_volt_u10p6_2_3_4_56_7 target_lowerVoltage_volt_u10p6_2_3_4_56_7_8	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 E target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 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 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltag	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerVindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2 target_lowerWindowThresh_Cnt_u16_2_3	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 E target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerVoltage_volt_u10_6_2 target_lowe	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099 54883
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 E target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_target_lowerWindowThresh_Cnt_u16_2_3_4_5	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099 54883 26263
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 E target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099 54883 26263 64164
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 E target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099 54883 26263 64164 46990
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 E target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099 54883 26263 64164 46990 12545
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 E target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2_3 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 target_lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 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	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099 54883 26263 64164 46990 12545 27637
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099 54883 26263 64164 46990 12545 27637 31225
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099 54883 26263 64164 46990 12545 27637 31225 56099
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u10p6_2_3_4_5_6_7_8 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 target_upperVoltage_volt_u10p6_2_3_4	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099 54883 26263 64164 46990 12545 27637 31225 56099 51231
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16_2 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 target_lowerWindowThresh_Cnt_u10_2_3_4_5_6_7	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099 54883 26263 64164 46990 12545 27637 31225 56099 51231 9001
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 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 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 target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099 54883 26263 64164 46990 12545 27637 31225 56099 51231 9001 17545
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 target_lowerWindowThresh_Cnt_u10p6_2 target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5 target_upperVoltage_volt	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099 54883 26263 64164 46990 12545 27637 31225 56099 51231 9001 17545 45565
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16_2 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3_4 target_upperVoltage_volt_u10p6_2_3_4_5 target_upperVoltage_volt_u10p6_2_3_4_5_6	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099 54883 26263 64164 46990 12545 27637 31225 56099 51231 9001 17545 45565 39890
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2 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 target_upperVoltage_volt_u10p6_2_3_4_5_6_7	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099 54883 26263 64164 46990 12545 27637 31225 56099 51231 9001 17545 45565 39890 45654
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3_4 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 target_upperVoltage_volt_u10p6_2_3_4_5_6_7	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099 54883 26263 64164 46990 12545 27637 31225 56099 51231 9001 17545 45565 39890 45654 20201
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u10p6 target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4 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	ab 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099 54883 26263 64164 46990 12545 27637 31225 56099 51231 9001 17545 45565 39890 45654 20201 58
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 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 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 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_7 target_upperVoltage_volt_u10p6_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7	ap 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099 54883 26263 64164 46990 12545 27637 31225 56099 51231 9001 17545 45565 39890 45654 20201 58 4487
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Etarget_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2 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_7 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16 target_lowerWindowThresh_Cnt_u16_2_3 target_lowerWindowThresh_Cnt_u16_2_3_4 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3 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 target_upperVoltage_volt_u10p6_2_3_4_5_6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target	ab 65535 27637 31225 56099 51231 9001 17545 45565 39890 5489 47635 33099 54883 26263 64164 46990 12545 27637 31225 56099 51231 9001 17545 45565 39890 45654 20201 58



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

Test Step 2.91 (Repeat Count = 1)	
Name Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
custBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig Str[4].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig Str[5].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig Str[5].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig Str[6].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7
CustBattDiagNtcConfig Str[7].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig Str[7].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7 8
CustBattDiagNtcConfig 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	V - V - V
SystemTime mS T u32	3627867432
oltage Volts T u10p6	951
LOIDetect Volts u10p6	0
LOINotDetect Volts u10p6	0
CONVOIDELECT_VOIIS_UTOPO owVoltageExtraCryteria Cnt T Igc	1
owvoltageExtraCryteria_Crit_i_igc	
ทะ arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_เ	CustBattDiagNtc_E2
arget_Rie_Caii_Ap_custbattbiag_system+ime_bitminEiapsed+ime_ms_t 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	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✓
CustBattDiagNtcTimer Str[1].notDetectWindow Cnt M u32	2751979985	2751979985	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	•
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3627867432	3627867432	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	1468581337	1468581337	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	1468581337	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2789309430	2789309430	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2789309430	2789309430	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	•
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	233054632	233054632	✓

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

Test Step 2.92 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4



Name	Input Value		
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig Str[4].upperWindowThresh Cnt u16	target_upperWindowThresh_Cnt_u16_2_3_	4 5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	4_5	
CustBattDiagNtcConfig_Str[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_		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6 CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2_3_4_5_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_	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(Elapsed	Tim target_Rte_Call_Ap_CustBattDiag_System1	ime_DtrmnElapsedTime_mS_u16_ElapsedTi	me
SystemTime_mS_T_u32	3859604808		
Voltage_Volts_T_u10p6	121		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc ntc	CustBattDiagNtc E5		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 I			
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 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	7075 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 55159		
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	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	Kesuit
CustBattDiagNtcTimer_Str[0].notDetectWindow Cnt M u32	2863361536	2863361536	
CustBattDiagNtcTimer Str[1].detectWindow Cnt M u32	237540168	237540168	-
CustBattDiagNtcTimer Str[1].notDetectWindow Cnt M u32	2751979985	2751979985	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	-
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3627867432	3627867432	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	-
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	-
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	-
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	2789309430	2789309430	-
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	2789309430	2789309430	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	3091893721	3091893721	→



Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	233054632	233054632	✓

Test Step Call Trace				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	Immut Value
	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(El	apsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	3168605224
/oltage_Volts_T_u10p6	911
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
pwVoltageExtraCryteria_Cnt_T_lgc	1
tc	CustBattDiagNtc_E2
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_	_u16_Elap 49759
arget_lowerVoltage_volt_u10p6	65535
arget_lowerVoltage_volt_u10p6_2	6893
arget_lowerVoltage_volt_u10p6_2_3	23485
arget_lowerVoltage_volt_u10p6_2_3_4	24131
arget_lowerVoltage_volt_u10p6_2_3_4_5	20186
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	44095
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	44377
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	11065
arget_lowerWindowThresh_Cnt_u16	25656
arget_lowerWindowThresh_Cnt_u16_2	19435
arget_lowerWindowThresh_Cnt_u16_2_3	10711
arget_lowerWindowThresh_Cnt_u16_2_3_4	12556
arget_lowerWindowThresh_Cnt_u16_2_3_4_5	49849
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	15096
arget lowerWindowThresh Cnt u16 2 3 4 5 6 7	24156
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	57161
arget upperVoltage volt u10p6	4207
arget_upperVoltage_volt_u10p6_2	6893
arget_upperVoltage_volt_u10p6_2_3	23485
arget_upperVoltage_volt_u10p6_2_3_4	24131
arget_upperVoltage_volt_u10p6_2_3_4_5	20186



Manua	Land Walter		
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_lowerWindowTrresh_Cnt_u16_2_3_4_56 target_lowerWindowTrresh_Cnt_u16_2_3_4_5_67 33090 ***Target_lowerWindowTrresh_Cnt_u16_2_3_4_5_6_78 ***Target_lowerWindowTrresh_Cnt_u16_2_3_4_5_6_78 ***Target_upperViolage_voit_u10p6_2 ***Target_upperViolage_voit_u10p6_2 ***Target_upperViolage_voit_u10p6_2_3 ***Target_upperViolage_voit_u10p6_2_3_4 ***Target_upperViolage_voit_u10p6_2_3_4 ***Target_upperViolage_voit_u10p6_2_3_4_5_6 ***Target_upperViolage_voit_u10p6_2_3_4_5_6 ***Target_upperViolage_voit_u10p6_2_3_4_5_6 ***Target_upperViolage_voit_u10p6_2_3_4_5_6 ***Target_upperViolage_voit_u10p6_2_3_4_5_6 ***Target_upperViolage_voit_u10p6_2_3_4_5_6 ***Target_upperViolage_voit_u10p6_2_3_4_5_6_7 ***Target_upperViolage_voit_u10p6_2_3_4_5_6 ***Target_upperViolage_voit_u10p6_2_3_4_5_6_7 ***Target_upperViolage_voit_u10p6_2_3_4_5_6 ***Target_upperViolage_voit_u10p6_2_3_4_5_6 ***Target_upperViolage_voit_u10p6_2_3_4_5_6 ***Target_upperViolage_voit_u10p6_2_3_4_5_6 ***Target_upperViolage_voit_u10p6_2_3_4_5_6 ***Target_upperViolage_voit_u10p6_2_3_4_5_6 ***Target_upperViolage_voit_u10p6_2_3_4_5_6 ***Target_upperViolage_voit_u10p6_2_3_4_5_6 ***Target_upperViolage_voit_u10p6_2_3_4_5_6 ***Target_upperViolage_voit_u10p6_2_3_4 ***Target_upperViolage_voit_u10p6_2_3_4 ***Target_upperViolage_voit_u10p6_2_3_4 ***Target_upperViolage_voit_u10p6_2_3_4 ***Target_upperViolage_voit_u10p6_2_3_4 ***Target_upperViolage_voit_u10p6_2_3_4 **Target_upperViolage_voit_u10p6_2_3_4 **Target_upperViolage_voit_u10p6_2_3_4 **Target_upperViolage_voit_u10p6_2_3_4 **Target_				
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target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 27 33099	·			
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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				
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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 2855788790 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 33859604808 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 33859604808 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 33859604808 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32 23859604808 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 23859604808 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 23859604808 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 23859604808 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 2385900430 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 2385900430 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 2385900430 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 2789309430 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 2789309430 2789309430 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 215674156 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 215674156 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 215674156 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 215674156 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 215674156 CustBatt				
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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				
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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	



CustbattDiag_ReportFauitvittinisteresis		1020	1000
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	4	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperWindowThresh_Cnt_u16_2_3_ target_upperVoltage_volt_u10p6_2_3_4	4	
CustBattDiagNtcConfig_Str[3].lowerWindowThresh Cnt u16	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 5	
CustBattDiagNtcConfig_Str[4].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_	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 CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2_3_4_5_target_upperWindowThresh_Cnt_u16_2_3	_	
CustBattDiagNtcConfig_Str[7].upperVviildowTrilestr_Crit_u10 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(ElapsedTim			Time
SystemTime_mS_T_u32	785120416		
Voltage_Volts_T_u10p6	936		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E9		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E			
target_lowerVoltage_volt_u10p6	6151		
target_lowerVoltage_volt_u10p6_2	0		
target_lowerVoltage_volt_u10p6_2_3	35096		
target_lowerVoltage_volt_u10p6_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4 5	41039 31940		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	61718		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	31976		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	51030		
target_lowerWindowThresh_Cnt_u16	19972		
target_lowerWindowThresh_Cnt_u16_2	21084		
target_lowerWindowThresh_Cnt_u16_2_3	48472		
target_lowerWindowThresh_Cnt_u16_2_3_4	23851		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	2330		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	7702		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	32717		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	709		
target_upperVoltage_volt_u10p6	6151		
target_upperVoltage_volt_u10p6_2	17236		
target_upperVoltage_volt_u10p6_2_3	35096		
target_upperVoltage_volt_u10p6_2_3_4	41039		
target_upperVoltage_volt_u10p6_2_3_4_5	31940		
target_upperVoltage_volt_u10p6_2_3_4_5_6	61718 31976		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	51030		
target upperWindowThresh Cnt u16	16643		
target_upperWindowThresh_Cnt_u16_2	10338		
target_upperWindowThresh_Cnt_u16_2_3	31288		
target_upperWindowThresh_Cnt_u16_2_3_4	17305		
target_upperWindowThresh_Cnt_u16_2_3_4_5	40224		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	1803		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	58912		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26958		
Name	Actual Value	Expected Value	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	•



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

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

Test Step 2.96 (Repeat Count = 1)	🗸
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig Str[4].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig Str[5].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig Str[6].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig Str[6].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6 7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig Str[7].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6 7 8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig Str[7].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5 6 7 8
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTi	m target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime mS T u32	905485787
Voltage Volts T u10p6	369
k LOIDetect Volts u10p6	0
k LOINotDetect Volts u10p6	0
lowVoltageExtraCryteria Cnt T Igc	1
ntc	CustBattDiagNtc_E1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela	
target_lowerVoltage_volt_u10p6	17764
target lowerVoltage volt u10p6 2	65535
target lowerVoltage volt u10p6 2 3	24020
target lowerVoltage volt u10p6 2 3 4	48162
target lowerVoltage volt u10p6 2 3 4 5	11939
target lowerVoltage volt u10p6 2 3 4 5 6	854
target lowerVoltage volt u10p6 2 3 4 5 6 7	23793
target lowerVoltage volt u10p6 2 3 4 5 6 7 8	14684
target lowerWindowThresh Cnt u16	5655
<u> </u>	



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	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	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	•
CustDattDisabltaTimes Ctrl71 notDatastMindous Cnt. M. u22	705120446	705100416	

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

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Test Step 2.97 (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

 $CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32$



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	5_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	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_s	5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_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	3_4_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_!		
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		nTime_DtrmnElapsedTime_mS_u	16_ElapsedTime
SystemTime_mS_T_u32	2773961768		
Voltage_Volts_T_u10p6	14		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	1		
lowVoltageExtraCryteria_Cnt_T_lgc ntc	CustBattDiagNtc E7		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela	· -		
target_lowerVoltage_volt_u10p6	54431		
target lowerVoltage volt u10p6 2	950		
target lowerVoltage volt u10p6 2 3	44288		
target_lowerVoltage_volt_u10p6_2_3_4	17582		
target lowerVoltage volt u10p6 2 3 4 5	50501		
target lowerVoltage volt u10p6 2 3 4 5 6	24041		
target lowerVoltage volt u10p6 2 3 4 5 6 7	18670		
target lowerVoltage volt u10p6 2 3 4 5 6 7 8	30176		
target lowerWindowThresh Cnt u16	49658		
target_lowerWindowThresh_Cnt_u16_2	11097		
target_lowerWindowThresh_Cnt_u16_2_3	16824		
target_lowerWindowThresh_Cnt_u16_2_3_4	715		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	4992		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	37725		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	25700		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	19023		
target_upperVoltage_volt_u10p6	54431		
target_upperVoltage_volt_u10p6_2	950		
target_upperVoltage_volt_u10p6_2_3	44288		
target_upperVoltage_volt_u10p6_2_3_4	17582		
target_upperVoltage_volt_u10p6_2_3_4_5	50501		
target_upperVoltage_volt_u10p6_2_3_4_5_6	24041		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	18670		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	30176		
target_upperWindowThresh_Cnt_u16	18916		
target_upperWindowThresh_Cnt_u16_2	50899		
target_upperWindowThresh_Cnt_u16_2_3 target_upperWindowThresh_Cnt_u16_2_3 4	61868 24619		
target_upperWindowThresh_Cnt_u16_2_3_4 target_upperWindowThresh_Cnt_u16_2_3_4 5	42120		
target upperWindowThresh Cnt u16 2 3 4 5 6	23426		
target upperWindowThresh Cnt u16 2 3 4 5 6 7	62635		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	59685		
Name	Actual Value	Expected Value	Resu
	1820141330	1820141330	Resul
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	
CustBattDiagNtcTimer_Str[0].ndbetectWindow_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	
<u> </u>		2773961768	
CustBattDiagNtcTimer Str[5].notDetectWindow Cnt M u32	2773961768		
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer Str[6].detectWindow Cnt M u32	2173961768	215674156	
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32		215674156 215674156	
	215674156		



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)	
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
rustBattDiagNtcConfig_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
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
sustBattDiagNtcConfig_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
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
sustBattDiagNtcConfig 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
sustBattDiagNtcConfig_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
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_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	
ystemTime mS T u32	2185517394
oltage_Volts_T_u10p6	207
LOIDetect Volts u10p6	0
LOINotDetect_Volts_u10p6	0
pwVoltageExtraCryteria_Cnt_T_lgc	0
tc	CustBattDiagNtc_E7
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela	
arget_lowerVoltage_volt_u10p6	25828
arget_lowerVoltage_volt_u10p6_2	38505
arget_lowerVoltage_volt_u10p0_2	0
arget_lowerVoltage_volt_u10p0_2_3	32607
arget lowerVoltage volt u10p6 2 3 4 5	11437
· · · · · · · · · · · · · · · · · · ·	
arget_lowerVoltage_volt_u10p6_2_3_4_5_6 arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	1828 39144
	1979
urget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	53867
rget_lowerWindowThresh_Cnt_u16	
rget_lowerWindowThresh_Cnt_u16_2	50619
rget_lowerWindowThresh_Cnt_u16_2_3	2925
rget_lowerWindowThresh_Cnt_u16_2_3_4	61051
rget_lowerWindowThresh_Cnt_u16_2_3_4_5	20851
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6	53701
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	42141
arget_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	6948
arget_upperVoltage_volt_u10p6	25828
arget_upperVoltage_volt_u10p6_2	38505
arget_upperVoltage_volt_u10p6_2_3	19321
arget_upperVoltage_volt_u10p6_2_3_4	32607



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
sustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
custBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
custBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
custBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
custBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
custBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
custBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
custBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
custBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_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	clapsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	905485787
/oltage_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_Ela	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	, 100uii
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[5].notDetectWindow_Crit_M_u32	215674156	215674156	
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	215674156	215674156	
	3091893721	3091893721	
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 2.100 (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	



CustballDiag_ReportFauitWillinisteresis			71000
Name	Input Value		
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3		
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3		
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3		
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4	-	
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	5_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	E	
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16 CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	_5	
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	5.6	
CustBattDiagNtcConfig_Str[5].upperVoltage_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	_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	_7	
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	_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		
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTime		me_DtrmnElapsedTime_mS_u16_Elaps	edTime
SystemTime_mS_T_u32	2773961768		
Voltage_Volts_T_u10p6	14		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
lowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E8		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	25564		
target_lowerVoltage_volt_u10p6 target_lowerVoltage_volt_u10p6_2	14977		
target_lowerVoltage_volt_u10p6_2_3	33954		
target_lowerVoltage_volt_u10p6_2_3_4	35998		
target_lowerVoltage_volt_u10p6_2_3_4_5	36248		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	23387		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	45198		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	7747		
target_lowerWindowThresh_Cnt_u16	42717		
target_lowerWindowThresh_Cnt_u16_2	23183		
target_lowerWindowThresh_Cnt_u16_2_3	19070		
target_lowerWindowThresh_Cnt_u16_2_3_4	34470		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	54268		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	42930		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	10058		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	1513		
target_upperVoltage_volt_u10p6	25564		
target_upperVoltage_volt_u10p6_2	14977		
target_upperVoltage_volt_u10p6_2_3	33954		
target_upperVoltage_volt_u10p6_2_3_4	35998		
target_upperVoltage_volt_u10p6_2_3_4_5	36248		
target_upperVoltage_volt_u10p6_2_3_4_5_6	23387		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	45198		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	7747		
target_upperWindowThresh_Cnt_u16	45169		
target_upperWindowThresh_Cnt_u16_2	52725		
target_upperWindowThresh_Cnt_u16_2_3	29463		
target_upperWindowThresh_Cnt_u16_2_3_4	6090		
target_upperWindowThresh_Cnt_u16_2_3_4_5	51752		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	13023 64262		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	18996		
		Expected Value	D.
Name CustPottDiscoNtsTimes, Strf01 detectM/indexy, Cot. M. u22	Actual Value	Expected Value	Resu
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer Str[0].notDetectWindow Cnt M u32	1820141330	1820141330	
CUSIDAM JACONIC LIMEL SHOULDOD ELECTRODOW UNI M. 1137	2863361536	2863361536	
	237540168	237540168	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32		005485787	
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	905485787	905485787	
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	905485787 2835788790	2835788790	•
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[3].detectWindow_Cnt_M_u32	905485787		



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				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	-

Fest Step 2.101 (Repeat Count = 1)	
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig Str[4].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4 5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3 4 5 6
CustBattDiagNtcConfig Str[5].lowerVoltage volt u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig Str[7].lowerWindowThresh Cnt u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	m target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
systemTime_mS_T_u32	2185517394
/oltage_Volts_T_u10p6	207
LOIDetect_Volts_u10p6	0
LOINotDetect Volts u10p6	0
pwVoltageExtraCryteria Cnt T Igc	1
tc	CustBattDiagNtc_E9
arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela	
arget_lowerVoltage_volt_u10p6	52156
arget_lowerVoltage_volt_u10p6_2	63928
arget_lowerVoltage_volt_u10p6_2_3	58406
arget_lowerVoltage_volt_u10p6_2_3_4	0
arget lowerVoltage volt u10p6 2 3 4 5	9695
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	5307
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	22223
arget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	58345
arget lowerWindowThresh Cnt u16	33017
arget_lowerWindowThresh_Cnt_u16_2	38306
arget_lowerWindowThresh_Cnt_u16_2_3	7007
arget_lowerWindowThresh_Cnt_u16_2_3_4	12838
arget_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	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 - Custodationag_Nepoliti autivitiii iisteresis	lumud Walter		
Name CustPattDianNtsConfig Strf61 upperWindowThresh Cat u16	Input Value	1.5.6.7	
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_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	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_ms_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemT	me_DtrmnElapsedTime_mS_u16_Elapsed	Time
SystemTime_mS_T_u32	2773961768		
Voltage_Volts_T_u10p6	14		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
IowVoltageExtraCryteria_Cnt_T_lgc	O		
ntc	CustBattDiagNtc_E9		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap 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 target_upperVoltage_volt_u10p6	48360		
target upperVoltage volt u10p6 2	56922		
target_upperVoltage_volt_u10p6_2 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	Francis d Volus	Danulé
Name CustPottDisabitaTimer_Strf0l detectWindow_Cat_M_u22	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330 2863361536	1820141330 2863361536	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer Str[1].detectWindow Cnt M u32	237540168	237540168	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	905485787	905485787	-
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2835788790	2835788790	
CustBattDiagNtcTimer Str[2].notDetectWindow Cnt M u32	3168605224	3168605224	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	-
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2773961768	2773961768	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2773961768	2773961768	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2773961768	2773961768	

Test Step Call Trace				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 2.103 (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 2185517394 Voltage_Volts_T_u10p6 207 k_LOIDetect_Volts_u10p6 0 k_LOINotDetect_Volts_u10p6 0 lowVoltageExtraCryteria_Cnt_T_lgc 0 CustBattDiagNtc_E2 $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \ \ 22213$ target_lowerVoltage_volt_u10p6 65417 target_lowerVoltage_volt_u10p6_2 target_lowerVoltage_volt_u10p6_2_3 15478 17269 target_lowerVoltage_volt_u10p6_2_3_4 target_lowerVoltage_volt_u10p6_2_3_4_5 41706 59136 target_lowerVoltage_volt_u10p6_2_3_4_5_6 target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 41022 target lowerVoltage volt u10p6 2 3 4 5 6 7 8 59949 target_lowerWindowThresh_Cnt_u16 2066 target lowerWindowThresh Cnt u16 2 62369 $target_lowerWindowThresh_Cnt_u16_2_3$ 49112 target_lowerWindowThresh_Cnt_u16_2_3_4 114 target lowerWindowThresh Cnt u16 2 3 4 5 960 target_lowerWindowThresh_Cnt_u16_2_3_4_5_6 47698 target lowerWindowThresh Cnt u16 2 3 4 5 6 7 14971 1030 $target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8$ target_upperVoltage_volt u10p6 12077 target_upperVoltage_volt_u10p6_2 65417 15478 target_upperVoltage_volt_u10p6_2_3 target_upperVoltage_volt_u10p6_2_3_4 17269 target_upperVoltage_volt_u10p6_2_3_4_5 41706 target_upperVoltage_volt_u10p6_2_3_4_5_6 59136 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 41022 59949 $target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8$ target_upperWindowThresh_Cnt_u16 42839 5761 target upperWindowThresh Cnt u16 2 54296 target_upperWindowThresh_Cnt_u16_2_3 47138 target upperWindowThresh Cnt u16 2 3 4 target_upperWindowThresh_Cnt_u16_2_3_4_5 17088 target_upperWindowThresh_Cnt_u16_2_3_4_5_6 34844 $target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7$ 36346



Name	Input Value		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	3246		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	1476367136	1476367136	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3690017398	3690017398	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2773961768	2773961768	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2773961768	2773961768	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2773961768	2773961768	~

Test Step Call Trace				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	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	•
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2773961768	2773961768	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	2773961768	2773961768	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	2773961768	2773961768	✓

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

Test Step 2.105 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5



		•	
Name	Input Value		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	1_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	3	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	5_6	
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	1_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	3_7	
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_Elapsed1	Гime
SystemTime_mS_T_u32	3386859209		
Voltage_Volts_T_u10p6	936		
k_LOIDetect_Volts_u10p6	0		
k_LOINotDetect_Volts_u10p6	0		
IowVoltageExtraCryteria_Cnt_T_lgc	1		
ntc	CustBattDiagNtc_E1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
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 65535		
target_lowerVoltage_volt_u10p6_2_3_4_5	61418		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	14124		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	904		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8 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 target_lowerWindowThresh_Cnt_u16_2_3_4_5	5377		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	56154		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	38068		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	64082		
target_upperVoltage_volt_u10p6	13239		
target_upperVoltage_volt_u10p6_2	44258		
target upperVoltage_volt_u10p6_2_3	65058		
target upperVoltage volt u10p6 2 3 4	28598		
target upperVoltage volt u10p6 2 3 4 5	14041		
target_upperVoltage_volt_u10p6_2_3_4_5_6	61418		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	14124		
target upperVoltage volt u10p6 2 3 4 5 6 7 8	904		
target upperWindowThresh Cnt u16	48753		
target upperWindowThresh Cnt u16 2	12556		
target upperWindowThresh Cnt u16 2 3	4940		
target upperWindowThresh Cnt u16 2 3 4	60948		
target_upperWindowThresh_Cnt_u16_2_3_4_5	37826		
target upperWindowThresh Cnt u16 2 3 4 5 6	4133		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	23271		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43557		
Name	Actual Value	Expected Value	Resul
CustBattDiagNtcTimer Str[0].detectWindow Cnt M u32	1820141330	1820141330	rtoour
CustBattDiagNtcTimer_Str[0].netDetectWindow_Cnt_w_u32 CustBattDiagNtcTimer_Str[0].netDetectWindow Cnt M u32	2863361536	2863361536	
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_w_u32			
	3386859209	3386859209	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	3386859209 2185517394	3386859209 2185517394	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	3386859209 2185517394 2185517394	3386859209 2185517394 2185517394	
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3386859209 2185517394 2185517394 3859604808	3386859209 2185517394 2185517394 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	3386859209 2185517394 2185517394 3859604808 3859604808	3386859209 2185517394 2185517394 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	3386859209 2185517394 2185517394 3859604808 3859604808 3530899652	3386859209 2185517394 2185517394 3859604808 3859604808 3530899652	
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	3386859209 2185517394 2185517394 3859604808 3859604808 3530899652 3530899652	3386859209 2185517394 2185517394 3859604808 3859604808 3530899652 3530899652	
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	3386859209 2185517394 2185517394 3859604808 3859604808 3530899652 3530899652 905485787	3386859209 2185517394 2185517394 3859604808 3859604808 3530899652 3530899652 905485787	
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 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	3386859209 2185517394 2185517394 3859604808 3859604808 3530899652 3530899652 905485787	3386859209 2185517394 2185517394 3859604808 3859604808 3530899652 3530899652 905485787	
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 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	3386859209 2185517394 2185517394 3859604808 3859604808 3530899652 3530899652 905485787 905485787 215674156	3386859209 2185517394 2185517394 3859604808 3859604808 3530899652 3530899652 905485787 905485787 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 CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	3386859209 2185517394 2185517394 3859604808 3859604808 3530899652 3530899652 905485787	3386859209 2185517394 2185517394 3859604808 3859604808 3530899652 3530899652 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	~
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				✓
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 0 407 (D4 04 1)	
Test Step 2.107 (Repeat Count = 1)	·
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	1218049674
	I LIOUTUUT



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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	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3386859209	3386859209	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	~
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	~
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	~
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	2773961768	2773961768	~
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1468581337	1468581337	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1218049674	1218049674	~

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

Test Step 2.108 (Repeat Count = 1)		
Name	Input Value	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	



CustballDiag_ReportFaultWillinisteresis			TUACITUTO
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	



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				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	✓

Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_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	43602	
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	37489		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7818		
target_upperVoltage_volt_u10p6	12897		
target_upperVoltage_volt_u10p6_2	3735		
target_upperVoltage_volt_u10p6_2_3	53802		
target_upperVoltage_volt_u10p6_2_3_4	43254		
target_upperVoltage_volt_u10p6_2_3_4_5	27792		
target_upperVoltage_volt_u10p6_2_3_4_5_6	58862		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	47748		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	13310		
target_upperWindowThresh_Cnt_u16	53047		
target_upperWindowThresh_Cnt_u16_2	64364		
target_upperWindowThresh_Cnt_u16_2_3	40991		
target_upperWindowThresh_Cnt_u16_2_3_4	31744		
target_upperWindowThresh_Cnt_u16_2_3_4_5	61439		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	35935		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	17429		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	21753		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	2863361536	2863361536	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	•
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1468581337	1468581337	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	1218049674	1218049674	✓

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

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



Name	Input Value		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	2_3_4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	_4_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_		
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	target_lowerVoltage_volt_u10p6_2_3_		0 40 51 17
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedCounts Time_mS_u16(ElapsedCounts Time_mS_u16(ElapsedCou		stem i ime_DtrmnEiapsed i ime_m	S_u16_ElapsedTime
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target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	· -		
target lowerVoltage volt u10p6	13239		
target_lowerVoltage_volt_u10p6_2	44258		
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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 target_upperVoltage_volt_u10p6_2_3_4_5_6	61418 14124		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	904		
target_upperWindowThresh_Cnt_u16	48753		
target upperWindowThresh Cnt u16 2	12556		
target upperWindowThresh Cnt u16 2 3	4940		
target_upperWindowThresh_Cnt_u16_2_3_4	60948		
target_upperWindowThresh_Cnt_u16_2_3_4_5	37826		
target upperWindowThresh Cnt u16 2 3 4 5 6	4133		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	23271		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	43557		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer Str[0].detectWindow Cnt M u32	1820141330	1820141330	
CustBattDiagNtcTimer Str[0].notDetectWindow Cnt M u32	2863361536	2863361536	•
CustBattDiagNtcTimer Str[1].detectWindow Cnt M u32	237540168	237540168	
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	3530899652	3530899652	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	•
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	•
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	•
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3168605224	3168605224	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1468581337	1468581337	•
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	785120416	785120416	•

Test Step Call Trace				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	~



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arget_upperWindowThresh_Cnt_u16_2_3 40991 arget_upperWindowThresh_Cnt_u16_2_3_4 31744 arget_upperWindowThresh_Cnt_u16_2_3_4_5 61439 arget_upperWindowThresh_Cnt_u16_2_3_4_5_6 35935	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 arget_upperVoltage_volt_u10p6 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 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	37489 7818 12897 3735 53802 43254 27792 58862 47748 13310
arget_upperWindowThresh_Cnt_u16_2_3_4 31744 arget_upperWindowThresh_Cnt_u16_2_3_4_5 61439 arget_upperWindowThresh_Cnt_u16_2_3_4_5_6 35935	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 arget_upperVoltage_volt_u10p6 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 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	37489 7818 12897 3735 53802 43254 27792 58862 47748 13310 53047
arget_upperWindowThresh_Cnt_u16_2_3_4_5 61439 arget_upperWindowThresh_Cnt_u16_2_3_4_5_6 35935	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 arget_upperVoltage_volt_u10p6 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 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_8 arget_upperWindowThresh_Cnt_u16_8 arget_upperWindowThresh_Cnt_u16_8	37489 7818 12897 3735 53802 43254 27792 58862 47748 13310 53047 64364
arget_upperWindowThresh_Cnt_u16_2_3_4_5_6 35935	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 arget_upperVoltage_volt_u10p6 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 arget_upperWindowThresh_Cnt_u16_2_3	37489 7818 12897 3735 53802 43254 27792 58862 47748 13310 53047 64364 40991
	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 arget_upperVoltage_volt_u10p6 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 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_3 arget_upperWindowThresh_Cnt_u16_2_3_4	37489 7818 12897 3735 53802 43254 27792 58862 47748 13310 53047 64364 40991 31744
	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 arget_upperVoltage_volt_u10p6 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_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	37489 7818 12897 3735 53802 43254 27792 58862 47748 13310 53047 64364 40991 31744 61439



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				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 2.112 (Repeat Count = 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
0 0= 17 0 = 1	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 SystemTime DtrmnElapsedTime mS u16(ElapsedTime	
SystemTime_mS_T_u32	2773961768
Voltage_Volts_T_u10p6	14
k_LOIDetect_Volts_u10p6	0
k_LOINotDetect_Volts_u10p6	0
IowVoltageExtraCryteria_Cnt_T_lgc	1
ntc	CustBattDiagNtc_E1
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	
target_lowerVoltage_volt_u10p6	48360
target_lowerVoltage_volt_u10p6_2	56922
target_lowerVoltage_volt_u10p6_2_3	26198
target lowerVoltage volt u10p6 2 3 4	65535



Name	Input Value		
target_lowerVoltage_volt_u10p6_2_3_4_5	36358		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	49719		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	26486		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	58354		
target_lowerWindowThresh_Cnt_u16	7378		
target_lowerWindowThresh_Cnt_u16_2	19840		
target_lowerWindowThresh_Cnt_u16_2_3	52957		
target_lowerWindowThresh_Cnt_u16_2_3_4	59975		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	34878		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	43855		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	29768		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	60680		
target_upperVoltage_volt_u10p6	48360		
target_upperVoltage_volt_u10p6_2	56922		
target_upperVoltage_volt_u10p6_2_3	26198		
target_upperVoltage_volt_u10p6_2_3_4	46113		
target_upperVoltage_volt_u10p6_2_3_4_5	36358		
target_upperVoltage_volt_u10p6_2_3_4_5_6	49719		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	26486		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	58354		
target_upperWindowThresh_Cnt_u16	64773		
target_upperWindowThresh_Cnt_u16_2	13372		
target_upperWindowThresh_Cnt_u16_2_3	27712		
target_upperWindowThresh_Cnt_u16_2_3_4	57572		
target_upperWindowThresh_Cnt_u16_2_3_4_5	36316		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	62666		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	35266		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	34561		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	1820141330	1820141330	✓
CustBattDiagNtcTimer Str[0].notDetectWindow Cnt M u32	2863361536	2863361536	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	237540168	237540168	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2773961768	2773961768	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	-
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	-
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	-
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1468581337	1468581337	✓
CustBattDiagNtcTimer Str[7].notDetectWindow Cnt M u32	785120416	785120416	~

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

Test Step 2.113 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5



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Name	Input Value		
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_	4_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	4_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	target_upperVoltage_volt_u10p6_2_3_4_5_6	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_	4_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5	_6	
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	4_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5	_6_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	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(ElapsedTime mS u16)		Time_DtrmnElapsedTime_mS_u1	6_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	CustBattDiagNtc E1		
ntc target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 E	, <u> </u>		
target lowerVoltage volt u10p6	13442		
target lowerVoltage volt u10p6 2	5788		
target_lowerVoltage_volt_u10p6_2_3	18701		
target_lowerVoltage_volt_u10p6_2_3_4	15674		
target_lowerVoltage_volt_u10p6_2_3_4_5	34028		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	18026		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	9345		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	0		
target lowerWindowThresh Cnt u16	56084		
target lowerWindowThresh Cnt u16 2	43277		
target lowerWindowThresh Cnt u16 2 3	61571		
target_lowerWindowThresh_Cnt_u16_2_3_4	751		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	60929		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	51153		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	63173		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	7051		
target_upperVoltage_volt_u10p6	13442		
target_upperVoltage_volt_u10p6_2	5788		
target_upperVoltage_volt_u10p6_2_3	18701		
target_upperVoltage_volt_u10p6_2_3_4	15674		
target_upperVoltage_volt_u10p6_2_3_4_5	34028		
target_upperVoltage_volt_u10p6_2_3_4_5_6	18026		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	9345		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	45745		
target_upperWindowThresh_Cnt_u16	39401		
target_upperWindowThresh_Cnt_u16_2	39826		
target_upperWindowThresh_Cnt_u16_2_3	20723		
target_upperWindowThresh_Cnt_u16_2_3_4	18039		
target_upperWindowThresh_Cnt_u16_2_3_4_5	55579		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	21069		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	56502		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26725		
Name	Actual Value	Expected Value	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	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	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~

est Step 2.114 (Repeat Count = 1)	
	Input Value
custBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
3	target_upperVoltage_volt_u10p6
	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
3	target_lowerVoltage_volt_u10p6_2
0 0= 1.7.11	target_upperWindowThresh_Cnt_u16_2_3
· · · · · · · · · · · · · · · · · · ·	target_upperVoltage_volt_u10p6_2_3
	target_lowerWindowThresh_Cnt_u16_2_3
	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
ustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
	target_upperWindowThresh_Cnt_u16_2_3_4_5
ustBattDiagNtcConfig_Str[4].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
ustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
	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
custBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
custBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
custBattDiagNtcConfig_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_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
systemTime_mS_T_u32	905485787
oltage_Volts_T_u10p6	951
_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 Elap	65535
rget_lowerVoltage_volt_u10p6	27637
arget_lowerVoltage_volt_u10p6_2	31225
arget_lowerVoltage_volt_u10p6_2_3	56099
arget_lowerVoltage_volt_u10p6_2_3_4	51231
arget_lowerVoltage_volt_u10p6_2_3_4_5	9001
arget_lowerVoltage_volt_u10p6_2_3_4_5_6	17545
rget_lowerVoltage_volt_u10p6_2_3_4_5_6_7	45565
rrget_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	65535
	5489
	47635
urget_lowerWindowThresh_Cnt_u16_2_3	33099
arget_lowerWindowThresh_Cnt_u16_2_3_4	54883
rget_lowerWindowThresh_Cnt_u16_2_3_4_5	26263
	64164
	46990
	12545
	27637
	31225
	56099
	51231
arget_upperVoltage_volt_u10p6_2_3_4	
arget_upperVoltage_volt_u10p6_2_3_4 arget_upperVoltage_volt_u10p6_2_3_4_5	9001
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	45654		
target_upperWindowThresh_Cnt_u16_2	20201		
target_upperWindowThresh_Cnt_u16_2_3	58		
target_upperWindowThresh_Cnt_u16_2_3_4	4487		
target_upperWindowThresh_Cnt_u16_2_3_4_5	12281		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	61087		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	41296		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	26456		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	2185517394	2185517394	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	2185517394	2185517394	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	2185517394	2185517394	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	3859604808	3859604808	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	3530899652	3530899652	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	3530899652	3530899652	✓
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	905485787	905485787	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	215674156	215674156	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	3168605224	3168605224	✓
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	1468581337	1468581337	✓
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	785120416	785120416	✓

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

Test Step 2.115 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTime	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
SystemTime_mS_T_u32	2773961768
Voltage_Volts_T_u10p6	121

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

2018-05-17, 14:38:36+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 3859604808 CustBattDiagNtcTimer Str[3].detectWindow Cnt M u32 3859604808 $CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32$ 3859604808 3859604808 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 2773961768 2773961768 $CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32$ 2773961768 2773961768 CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32 905485787 905485787 $CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32$ 905485787 905485787 CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32 215674156 215674156 $CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32$ 3168605224 3168605224 CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32 1468581337 1468581337

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

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 $CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32$

TEST DETAILS REPORT

2018-05-17, 14:46:45+0530



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' Mame 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:Nextere EPS Unit Test Tool 1.0 Total FLASH Used (Bytes):98 Total RAM Used (Bytes):88 Special Test Requirements:NA Test Date:S1772018 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_UNKNIM_VOLTS_U10P6" (onstants are defined as (FPM_InitFixedPoint_m') aero.Due to use of 'FPM_InitFixedPoint_m')

macro 100% coverage can not be achieved.

Attributes		
Name	Value	
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5	
Float Precision	9	
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj	
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src	
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd	
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl	
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4	
Timer Enabled	false	
Timer Prescale	0	
Timer Resolution	1	
Timer Unit	Cycles	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg	
Workspace File	D:\Synergy_Work_Area\UTP_PSA_CMP_CustBattDiag_Workspace\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP	



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 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
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte Inst Ap CustBattDiag	target Rte Inst Ap CustBattDiag
k LOIDetect Volts u10p6	0
k_LOINotDetect_Volts_u10p6	0
target CustBattDiag Per1 Batt Volt f32.value	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

CustBattDiag_Per1

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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		
Nome	Actual Value	Evacated Value	Dogult

target_upperwindowTiffesii_Cfit_u16_2_3_4_5_6_7_6	40000		
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				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	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
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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CustBattDiag_Per1 Input Value $CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6$ target_lowerVoltage_volt_u10p6_2_3_4_5_6_7 $CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16$ target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8 CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8 $CustBattDiagNtcConfig_Str[7]. IowerWindowThresh_Cnt_u16$ 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 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 $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \\ \ \ \, 65535$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$ 1468581337 target_CustBattDiag_Per1_Batt_Volt_f32 target Rte Inst Ap CustBattDiag.CustBattDiag Per1 Batt Volt f32 target_lowerVoltage_volt_u10p6 487 target_lowerVoltage_volt_u10p6_2 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 33099 target_lowerWindowThresh_Cnt_u16_2_3 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 431 target_upperVoltage_volt_u10p6 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_6 274 711 target_upperVoltage_volt_u10p6_2_3_4_5_6_7 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 4487 target upperWindowThresh Cnt u16 2 3 4 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 **Actual Value Expected Value** CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32 n 0 CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32 0 0 $CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32$ n 0 0 0 CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32 CustBattDiagNtcTimer Str[2].detectWindow Cnt M u32 0 0 CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32 $CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32$ 1124426578 1124426578 $CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32$ 1468581337 1468581337 CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32 0 0

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 $CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32$

 $CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32$

 $CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32$

 $CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32$

CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32

CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32

 $CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32$



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	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~

Test Case 2: Range Test

Description Vector Description:

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

Test Step 2.1 (Repeat Count = 1)	
Name	Input Value
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4
rustBattDiagNtcConfig_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
sustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
rustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
custBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
custBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
rustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
rustBattDiagNtcConfig_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
rustBattDiagNtcConfig_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
rustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_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(Elapsed	Tim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
arget_CustBattDiag_Per1_Batt_Volt_f32.value	5
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E	Slap 0
arget Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Curr	ent 0
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

talgot_appointmach im con_cin_a i c_z_c_i_c			
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	1468581337	*none*	•
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	✓

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

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





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	l .	
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[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		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5	
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	L_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	3	
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5_6	
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	L_5_6_7	
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	3_7	
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5_6_7	
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6	5_7	
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	6_7_8	
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_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
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	65535		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4294967295		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
target_lowerVoltage_volt_u10p6	65535		
target_lowerVoltage_volt_u10p6_2	65535		
target_lowerVoltage_volt_u10p6_2_3	65535		
target_lowerVoltage_volt_u10p6_2_3_4	65535		
target_lowerVoltage_volt_u10p6_2_3_4_5	65535		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	65535		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	65535		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	65535		
target_lowerWindowThresh_Cnt_u16	65535		
target_lowerWindowThresh_Cnt_u16_2	65535		
target_lowerWindowThresh_Cnt_u16_2_3	65535		
target_lowerWindowThresh_Cnt_u16_2_3_4	65535		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	65535		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	65535		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	65535		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	65535		
target_upperVoltage_volt_u10p6	65535		
target_upperVoltage_volt_u10p6_2	65535		
target_upperVoltage_volt_u10p6_2_3	65535		
target_upperVoltage_volt_u10p6_2_3_4	65535		
target_upperVoltage_volt_u10p6_2_3_4_5	65535		
target_upperVoltage_volt_u10p6_2_3_4_5_6	65535		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	65535		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	65535		
target_upperWindowThresh_Cnt_u16	65535		
target_upperWindowThresh_Cnt_u16_2	65535		
target_upperWindowThresh_Cnt_u16_2_3	65535		
target_upperWindowThresh_Cnt_u16_2_3_4	65535		
target_upperWindowThresh_Cnt_u16_2_3_4_5	65535		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	65535		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	65535		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	65535		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✓

0

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

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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	~

est Step 2.3 (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
ustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16
ustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6
sustBattDiagNtcConfig_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(ElapsedTi	n target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
re_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_Ela	p 34399
rget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curren	•
arget 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_uppervvindowninesit_ont_u10_2_0_4_0_0_r_0	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				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	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
custBattDiagNtcConfig Str[0].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16
custBattDiagNtcConfig Str[0].upperVoltage volt u10p6	target upperVoltage volt u10p6
CustBattDiagNtcConfig Str[0].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16
CustBattDiagNtcConfig Str[0].lowerVoltage volt u10p6	target lowerVoltage volt u10p6
CustBattDiagNtcConfig Str[1].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2
CustBattDiagNtcConfig Str[1].upperVoltage volt u10p6	target upperVoltage volt u10p6 2
CustBattDiagNtcConfig Str[1].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target lowerVoltage volt u10p6 2
CustBattDiagNtcConfig Str[2].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].upperVoltage volt u10p6	target upperVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[2].lowerWindowThresh Cnt u16	target lowerWindowThresh Cnt u16 2 3
CustBattDiagNtcConfig Str[2].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3
CustBattDiagNtcConfig Str[3].upperWindowThresh Cnt u16	target upperWindowThresh Cnt u16 2 3 4
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4
CustBattDiagNtcConfig Str[3].lowerVoltage volt u10p6	target lowerVoltage volt u10p6 2 3 4
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[6].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7
CustBattDiagNtcConfig_Str[7].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8
CustBattDiagNtcConfig_Str[7].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
x_LOIDetect_Volts_u10p6	0
_LOINotDetect_Volts_u10p6	0
arget_CustBattDiag_Per1_Batt_Volt_f32.value	5
arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	58400
arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	589552193
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

target_upperviridow ffiresh_ont_u fo_z_o_4_o_o_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	





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 CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_lowerVoltage_volt_u10p6_2_3 target_upperWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	_5	
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4	_5	
CustBattDiagNtcConfig_Str[4].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_6		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
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		
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	_5_6_7_8	
CustBattDiagNtcConfig_Str[7].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6	-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_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_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_MS_u16(ElapsedTime_DtrmnElapsedTime_MS_u16(ElapsedTime_DtrmnElapsedTime_MS_u16(ElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_MS_u16(ElapsedTime_DtrmnElaps			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 k LOIDetect Volts u10p6	target_Rte_Inst_Ap_CustBattDiag		
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 target_lowerVoltage_volt_u10p6_2_3_4_5	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 51590		
target_upperVoltage_volt_u10p6 target_upperVoltage_volt_u10p6_2	51412		
target_upperVoltage_volt_u10p6_2 target_upperVoltage_volt_u10p6_2_3	15665		
target_upperVoltage_volt_u10p6_2_3 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 2281		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7 target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	17713		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	Result
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	-
CustBattDiagNtcTimer_Str[1] detectWindow_Cnt_M_u32	0	0	

0

0

0

0

CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32

 $CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32$

 $CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32$

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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				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	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	~
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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Odsibalibiag_r err			1 -1 - 10-10
Name	Input Value		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	20824		
target_lowerWindowThresh_Cnt_u16	6004		
target_lowerWindowThresh_Cnt_u16_2	33570		
target_lowerWindowThresh_Cnt_u16_2_3	54970		
target_lowerWindowThresh_Cnt_u16_2_3_4	49211		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	41973		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	5372		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	15850		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	48854		
target_upperVoltage_volt_u10p6	49504		
target_upperVoltage_volt_u10p6_2	31066		
target_upperVoltage_volt_u10p6_2_3	8274		
target_upperVoltage_volt_u10p6_2_3_4	48816		
target_upperVoltage_volt_u10p6_2_3_4_5	57043		
target_upperVoltage_volt_u10p6_2_3_4_5_6	34267		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	41681		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	20824		
target_upperWindowThresh_Cnt_u16	60364		
target_upperWindowThresh_Cnt_u16_2	35990		
target_upperWindowThresh_Cnt_u16_2_3	21839		
target_upperWindowThresh_Cnt_u16_2_3_4	20984		
target_upperWindowThresh_Cnt_u16_2_3_4_5	19795		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	46577		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	50801		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	56723		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	4294967295	4294967295	✓
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32	4294967295	4294967295	✓
CustBattDiagNtcTimer_Str[6].detectWindow_Cnt_M_u32	0	0	✓
CustBattDiagNtcTimer_Str[6].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[7].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[7].notDetectWindow_Cnt_M_u32	0	0	✓

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

Test Step 2.8 (Repeat Count = 1)		
Name	Input Value	
CustBattDiagNtcConfig_Str[0].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[0].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16	
CustBattDiagNtcConfig_Str[0].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6	
CustBattDiagNtcConfig_Str[1].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[1].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2	
CustBattDiagNtcConfig_Str[1].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2	
CustBattDiagNtcConfig_Str[2].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[2].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3	
CustBattDiagNtcConfig_Str[2].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3	
CustBattDiagNtcConfig_Str[3].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	

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Name	Input Value		
CustBattDiagNtcConfig_Str[3].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[3].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4		
CustBattDiagNtcConfig_Str[4].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4_5		
CustBattDiagNtcConfig_Str[4].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[4].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4_5		
CustBattDiagNtcConfig_Str[4].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5		
CustBattDiagNtcConfig_Str[5].upperWindowThresh_Cnt_u16	target_upperWindowThresh_Cnt_u16_2_3_4	_5_6	
CustBattDiagNtcConfig_Str[5].upperVoltage_volt_u10p6	target_upperVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[5].lowerWindowThresh_Cnt_u16	target_lowerWindowThresh_Cnt_u16_2_3_4		
CustBattDiagNtcConfig_Str[5].lowerVoltage_volt_u10p6	target_lowerVoltage_volt_u10p6_2_3_4_5_6		
CustBattDiagNtcConfig_Str[6].upperWindowThresh_Cnt_u16	target_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	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	_7_8	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim			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			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
target_lowerVoltage_volt_u10p6	35939		
target_lowerVoltage_volt_u10p6_2	58414		
target_lowerVoltage_volt_u10p6_2_3	2131		
target_lowerVoltage_volt_u10p6_2_3_4	32597		
target_lowerVoltage_volt_u10p6_2_3_4_5	11937		
target_lowerVoltage_volt_u10p6_2_3_4_5_6	61857		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7	64894		
target_lowerVoltage_volt_u10p6_2_3_4_5_6_7_8	31256		
target_lowerWindowThresh_Cnt_u16	59458		
target_lowerWindowThresh_Cnt_u16_2	46504		
target_lowerWindowThresh_Cnt_u16_2_3	25558		
target_lowerWindowThresh_Cnt_u16_2_3_4	26205		
target_lowerWindowThresh_Cnt_u16_2_3_4_5	32999		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6	39254		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7	27800		
target_lowerWindowThresh_Cnt_u16_2_3_4_5_6_7_8	23400		
target_upperVoltage_volt_u10p6	35939		
target_upperVoltage_volt_u10p6_2	58414		
target_upperVoltage_volt_u10p6_2_3	2131		
target_upperVoltage_volt_u10p6_2_3_4	32597		
target_upperVoltage_volt_u10p6_2_3_4_5	11937		
target_upperVoltage_volt_u10p6_2_3_4_5_6	61857		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7	64894		
target_upperVoltage_volt_u10p6_2_3_4_5_6_7_8	31256		
target_upperWindowThresh_Cnt_u16	41743		
target_upperWindowThresh_Cnt_u16_2	5837		
target_upperWindowThresh_Cnt_u16_2_3	13899		
target_upperWindowThresh_Cnt_u16_2_3_4	11487		
target_upperWindowThresh_Cnt_u16_2_3_4_5	27680		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6	33168		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7	5864		
target_upperWindowThresh_Cnt_u16_2_3_4_5_6_7_8	42334		
Name	Actual Value	Expected Value	Result
CustBattDiagNtcTimer_Str[0].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[0].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[1].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[1].notDetectWindow_Cnt_M_u32	0	0	•
CustBattDiagNtcTimer_Str[2].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[2].notDetectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[3].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[3].notDetectWindow_Cnt_M_u32	276253625	276253625	~
CustBattDiagNtcTimer_Str[4].detectWindow_Cnt_M_u32	0	0	~
CustBattDiagNtcTimer_Str[4].notDetectWindow_Cnt_M_u32	0	0	~

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 $CustBattDiagNtcTimer_Str[5].detectWindow_Cnt_M_u32$

 $CustBattDiagNtcTimer_Str[5].notDetectWindow_Cnt_M_u32$

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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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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/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	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\UTP_PSA_CMP_CustBattDiag_Workspace\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



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	0		
k_CustBattDiagLOlspd_kph_f32	0			
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				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 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			
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	Input Value		
EngOn_Cnt_T_lgc	0			
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattD	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	0	0		
VehSpd_Kph_T_f32	0	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	~

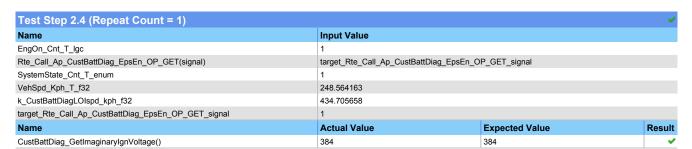
Test Step 2.2 (Repeat Count = 1)			✓	
Name	Input Value	Input Value		
EngOn_Cnt_T_lgc	1			
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattD	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	4	4		
VehSpd_Kph_T_f32	512	512		
k_CustBattDiagLOIspd_kph_f32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

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

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

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





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

Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag	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				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~

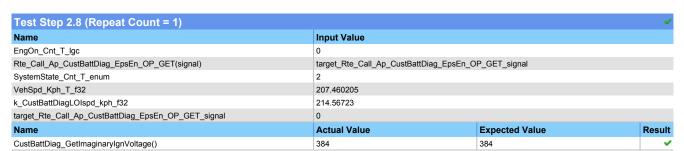
Test Step 2.6 (Repeat Count = 1)			✓
Name	Input Value		
EngOn_Cnt_T_lgc	1		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattE	Diag_EpsEn_OP_GET_signal	
SystemState_Cnt_T_enum	3		
VehSpd_Kph_T_f32	247.761032		
k_CustBattDiagLOIspd_kph_f32	21.2740021		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	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_CustBattE	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	~	

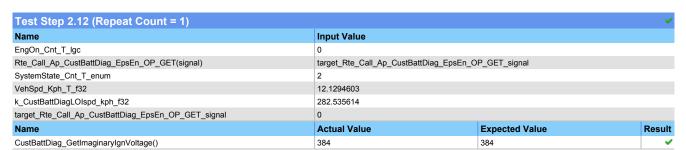
Test Step 2.10 (Repeat Count = 1)			✓
Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattD	iag_EpsEn_OP_GET_signal	
SystemState_Cnt_T_enum	2		
VehSpd_Kph_T_f32	0		
k_CustBattDiagLOIspd_kph_f32	331.520874		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	Actual Value	Expected Value	Result
CustBattDiag GetImaginaryIgnVoltage()	384	384	✓

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

Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
EngOn_Cnt_T_lgc	0		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattD	iag_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_CustBattD	liag_EpsEn_OP_GET_signal	
SystemState_Cnt_T_enum	2		
VehSpd_Kph_T_f32	178.792084		
k_CustBattDiagLOIspd_kph_f32	0		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
Name	Actual Value	Expected Value	Result
CustBattDiag_GetImaginaryIgnVoltage()	0	0	~

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

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

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

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

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



CustBattDiag_GetImaginaryIgnVoltage

Test Step 2.16 (Repeat Count = 1)			✓	
Name	Input Value	Input Value		
EngOn_Cnt_T_lgc	1			
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattD	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
SystemState_Cnt_T_enum	4			
VehSpd_Kph_T_f32	305.454041	305.454041		
k_CustBattDiagLOIspd_kph_f32	204.504959	204.504959		
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 2.17 (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	3	3		
VehSpd_Kph_T_f32	253.606369	253.606369		
k_CustBattDiagLOlspd_kph_f32	393.126343	393.126343		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1	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	~	