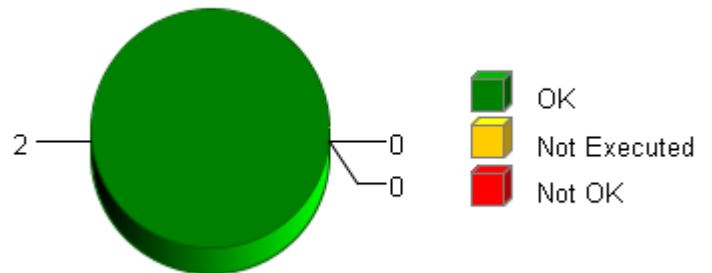


Summary

Total Test Objects: 2
Successful: 2
Failed: 0
Not Executed: 0
Date: 2016-06-03
Time: 15:20:54+0530

Overall Test Object Results (including Coverage)



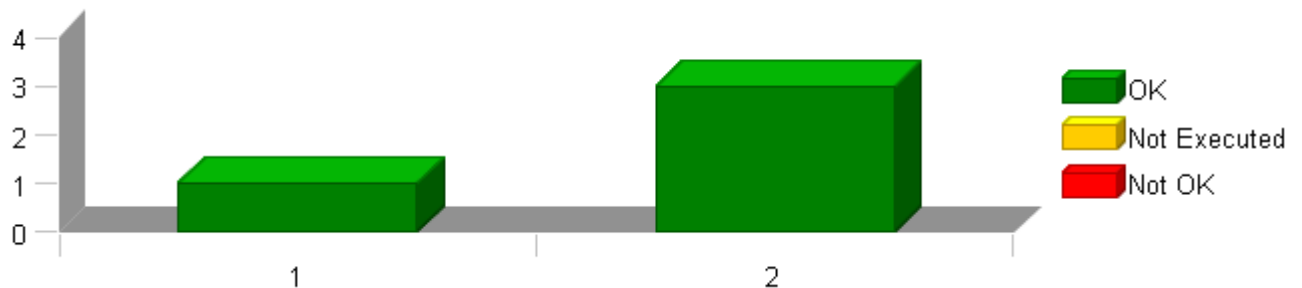
Selected Project Items

Test Collection "UnitTest"

Used Test Environments

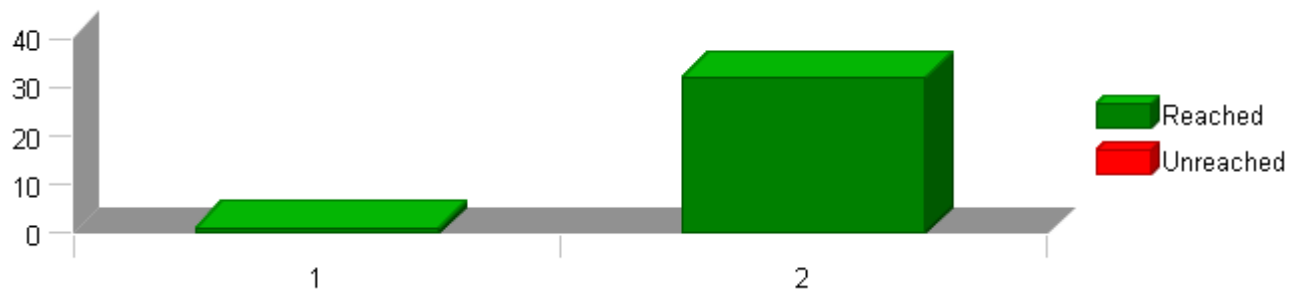
TI TMS 570 PLS UDE (Default)

Test Case Results for Each Test Object (without Coverage)



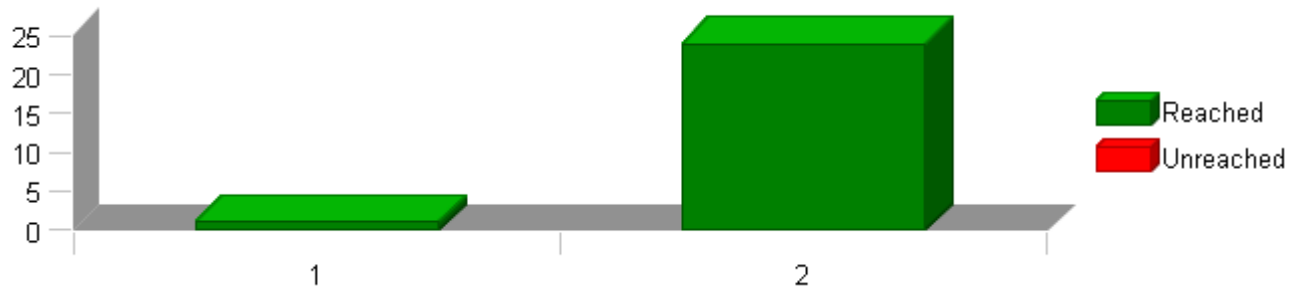
The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object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

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



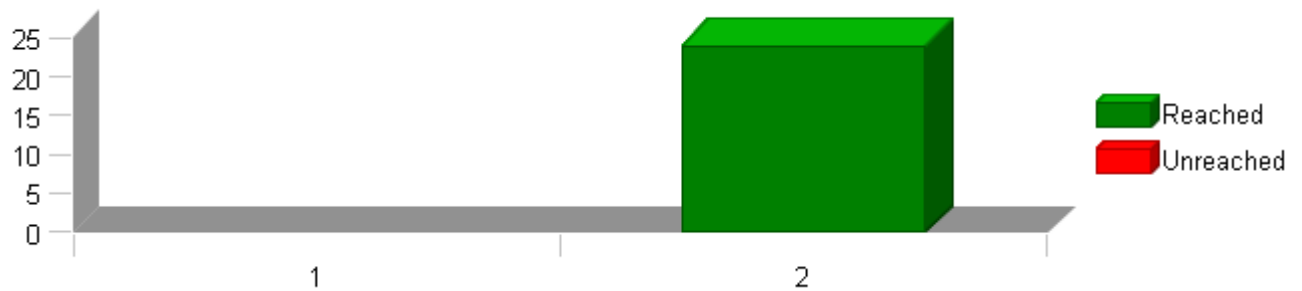
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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



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

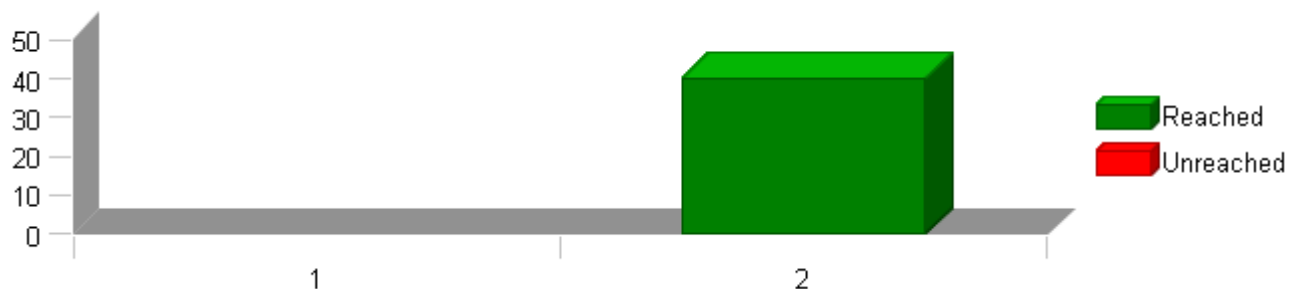
Decision Coverage: Total Decision Outcomes for Each Test Object



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

Each bar is divided into reached and unreached decision outcomes.

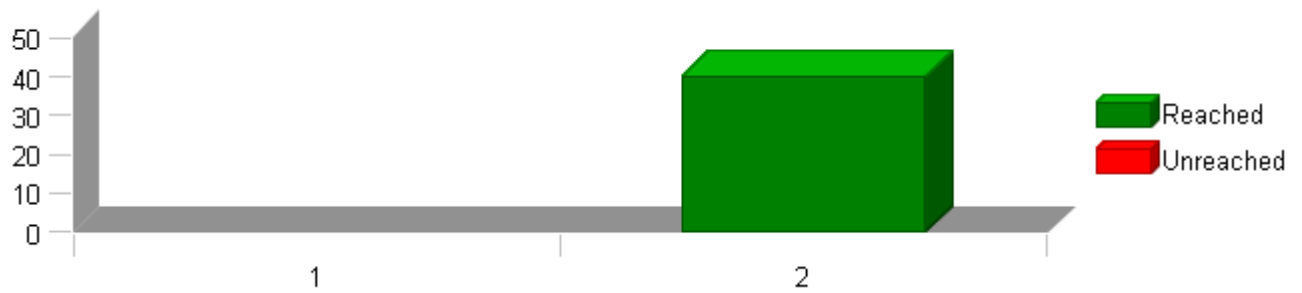
MC/DC Coverage: Total Condition Combinations for Each Test Object



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

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

MCC Coverage: Total Condition Combinations for Each Test Object



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

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

Test Object List

The following table lists all test objects with their test case and coverage results. The cumulated results for modules, folders and test collections are also displayed, the indentation within the name column indicates the parent relationship of the elements.

Please note that only test objects are numbered within the first column. This number is referenced on the x axis within the overview charts for test case and coverage results available on previous pages (if included into the report).

No.	Name	C0	C1	DC	MC/DC	MCC	Test Cases	Result
	VehPwrMd	100 %	100 %	100 %	100 %	100 %	4 of 4 passed	✓
	UnitTest	100 %	100 %	100 %	100 %	100 %	4 of 4 passed	✓
	VehPwrMd	100 %	100 %	100 %	100 %	100 %	4 of 4 passed	✓
1	VehPwrMd_Init1	100 %	100 %	-	-	-	1 of 1 passed	✓
2	VehPwrMd_Per1	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	✓

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VehPwrMd_Per1



Project	VehPwrMd
Module	VehPwrMd
Test Object	VehPwrMd_Per1

Instrumentation: Test Object Only

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

Statistics

Total Testcases	3
Successful	3 ✓
Failed	0
Not Executed	0

Module Properties

Project Root Directory	D:\Synergy_Work_Area\FIASA_VehPwrMd
Configuration File	D:\Synergy_Work_Area\FIASA_VehPwrMd\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(SOURCEROOT)\Ap_VehPwrMd.c
Compiler Options	-D_DATA_ACCESS=-D__inline=-D_extern=-Dconst=-I\$(PROJECTROOT)\VehPwrMd\utp\contract -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

Comments/Description/Specification

Name	Text
Module 'VehPwrMd'	*****Unit Test Information***** Name of Tester: Priyanka Bothe Code File(s) Under Test: Ap_VehPwrMd.c Code File(s) Version: 7 Module Design Document: NA Module Design Document Version: NA Data Dictionary Version: 2 Unit Test Plan Version: 1 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes): 592 Total RAM Used (Bytes): 16 Total CALS Used (Bytes): 20 Special Test Requirements: NA Test Date: 6/3/2016 Comments: Note1: "CBD_Sandbox_dbg.map" map file is embedded for reference. *****

Attributes

Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	False
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg

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VehPwrMd_Per1



Attributes	
Name	Value
Workspace File	D:\Synergy_Work_Area\FIASA_VehPwrMd\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

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VehPwrMd_Per1



Test Case 1: Metrics Test

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: TS1.1 1640.00 Cycles TS1.2 2166.00 Cycles
Description	Vector Description: TS1.1"Shortest Execution Path: ((OpModeSts_Cnt_T_U16 != D_IGNONENGON_CNT_U16) (OpModeSts_Cnt_T_U16 != OpModeSts_Cnt_M_u16)) ==>False ((TRUE == EPSEn_Cnt_T_Igc) ((MEC_Cnt_T_enum == ProductionMode) && (ComM_ModeStatus_T_Enum != COMM_NO_COMMUNICATION))) ==>True (TRUE == EngONSrComSvcDft_Cnt_T_Igc) ==>True (TRUE == EngONSrComSvcDft_Cnt_T_Igc) ==>False ((ATermActive_Cnt_T_Igc == FALSE) && (VehPwrMd2msCounter_Cnt_M_u16 == 500u)) ==>False" TS1.2"Longest Execution Path: ((OpModeSts_Cnt_T_U16 != D_IGNONENGON_CNT_U16) (OpModeSts_Cnt_T_U16 != OpModeSts_Cnt_M_u16)) ==>True ((TRUE == EPSEn_Cnt_T_Igc) ((MEC_Cnt_T_enum == ProductionMode) && (ComM_ModeStatus_T_Enum != COMM_NO_COMMUNICATION))) ==>False (VehPwrMd2msCounter_Cnt_M_u16 < 500u) ==>True (TRUE == EngONSrComSvcDft_Cnt_T_Igc) ==>False ((INTInfoActive_Cnt_T_Igc == FALSE) && (D_IGNPREOFF_CNT_U16 == OpModeSts_Cnt_T_U16 D_IGNOFF_CNT_U16 == OpModeSts_Cnt_T_U16 D_IGNSNA_CNT_U16 == OpModeSts_Cnt_T_U16)) ==>False ((StartStopLogicEnable_Cnt_M_Igc == TRUE) && (SysState_Cnt_T_Enum == RTE_MODE_StaMd_Mode_OPERATE) && ((StartStopSts_Cnt_T_u8 != D_STOPSTARTENGTOFF_CNT_U16) && (EngStartStopSts_Cnt_T_u8 != D_STOPSTARTENGNOTINSTART_CNT_U16)) && ((D_IGNON_CNT_U16 == OpModeSts_Cnt_T_U16) (D_IGNSTART_CNT_U16 == OpModeSts_Cnt_T_U16) (D_IGNCRANKING_CNT_U16 == OpModeSts_Cnt_T_U16))) ==>False ((D_IGNONENGON_CNT_U16 == OpModeSts_Cnt_T_U16) ((SysState_Cnt_T_Enum == RTE_MODE_StaMd_Mode_OPERATE) && (TRUE == VehicleSpeedValid_Cnt_T_Igc) && (VehicleSpeed_Kph_T_f32 > k_VehSpdEngOn_Kph_f32))) ==>False (FALSE == CTermActive_Cnt_M_Igc) ==>True ((ATermActive_Cnt_T_Igc == FALSE) && (VehPwrMd2msCounter_Cnt_M_u16 == 500u)) ==>True (PowerLatchTimeDID191D_Cnt_M_u16 >= 255u) ==>False"

Test Step 1.1 (Repeat Count = 1)

Name	Input Value		
CTermActive_Cnt_M_Igc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	1174226176		
CtermShutdownTimer_mS_M_u32	1627798016		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	8		
PowerLatchTimeDID191D_Cnt_M_u16	55		
Rte_ModeMachine_StaMd9_SystemState9_Mode	4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrCom	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	8		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	323.187805		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_Igc	0		
VehPwrMd2msCounter_Cnt_M_u16	153		
k_CTermOpModeStsTimeout_mS_u16	63578		
k_CTermShutdownTimeout_mS_u16	60851		
k_RampDnRt_UlspmS_f32	0.0013		
k_RampUpRtLoSpd_UlspmS_f32	0.0001999999995		
k_VehSpdEngOn_Kph_f32	463.990204		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	17465		
target_GetSystemTime_mS_u32_CurrentTime	1627798016		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_Igc	1	1	✓
CtermOpModeStsTimer_mS_M_u32	1174226176	1174226176	✓
CtermShutdownTimer_mS_M_u32	1627798016	1627798016	✓
OpModeSts_Cnt_M_u16	8	8	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.0001999999995	0.0001999999995 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

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Test Case 2: Boundary Test



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Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:
	TS2.1 2207.00 Cycles
	TS2.2 1579.00 Cycles
	TS2.3 2326.00 Cycles
	TS2.4 1612.00 Cycles
	TS2.5 2238.00 Cycles
	TS2.6 2203.00 Cycles
	TS2.7 1627.00 Cycles
	TS2.8 2161.00 Cycles
	TS2.9 1657.00 Cycles
	TS2.10 1653.00 Cycles
	TS2.11 2162.00 Cycles
	TS2.12 1627.00 Cycles
	TS2.13 1657.00 Cycles
	TS2.14 2284.00 Cycles
	TS2.15 1677.00 Cycles
	TS2.16 1647.00 Cycles
	TS2.17 2265.00 Cycles
	TS2.18 1663.00 Cycles
	TS2.19 2185.00 Cycles
	TS2.20 1647.00 Cycles
	TS2.21 1663.00 Cycles
	TS2.22 1663.00 Cycles
	TS2.23 2186.00 Cycles
	TS2.24 2276.00 Cycles
	TS2.25 1663.00 Cycles
	TS2.26 1647.00 Cycles
	TS2.27 2276.00 Cycles
	TS2.28 2221.00 Cycles
	TS2.29 1647.00 Cycles
	TS2.30 1673.00 Cycles
	TS2.31 1677.00 Cycles
	TS2.32 1663.00 Cycles
	TS2.33 1632.00 Cycles
	TS2.34 2174.00 Cycles
	TS2.35 2232.00 Cycles
	TS2.36 2215.00 Cycles
	TS2.37 1677.00 Cycles
	TS2.38 1677.00 Cycles
	TS2.39 2210.00 Cycles
	TS2.40 1663.00 Cycles
	TS2.41 2190.00 Cycles
	TS2.42 1663.00 Cycles
	TS2.43 2169.00 Cycles
	TS2.44 2157.00 Cycles
	TS2.45 2145.00 Cycles
	TS2.46 2163.00 Cycles
	TS2.47 2170.00 Cycles
	TS2.48 2200.00 Cycles
	TS2.49 2200.00 Cycles
	TS2.50 2176.00 Cycles
	TS2.51 2236.00 Cycles
	TS2.52 2179.00 Cycles
	TS2.53 2144.00 Cycles
	TS2.54 2149.00 Cycles
	TS2.55 1657.00 Cycles
	TS2.56 2184.00 Cycles
	TS2.57 2241.00 Cycles
	TS2.58 2219.00 Cycles
	TS2.59 2251.00 Cycles
	TS2.60 2149.00 Cycles
	TS2.61 2233.00 Cycles
	TS2.62 2137.00 Cycles
	TS2.63 2142.00 Cycles
	TS2.64 2202.00 Cycles
	TS2.65 1637.00 Cycles
	TS2.66 2125.00 Cycles
	TS2.67 1637.00 Cycles
	TS2.68 2164.00 Cycles
	TS2.69 2150.00 Cycles
	TS2.70 1623.00 Cycles
	TS2.71 2219.00 Cycles

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VehPwrMd_Per1

Description

Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3EngONSrIComSvcDft_Cnt_Igc==>Min
TS2.4EngONSrIComSvcDft_Cnt_Igc==>Max
TS2.5EngStartStopSts_Cnt_u8==>Min
TS2.6EngStartStopSts_Cnt_u8==>Max
TS2.7EngStartStopSts_Cnt_u8==>Pos
TS2.8StartStopLogicEnable_Cnt_Igc==>Min
TS2.9StartStopLogicEnable_Cnt_Igc==>Max
TS2.10VehicleSpeedValid_Cnt_Igc==>Min
TS2.11VehicleSpeedValid_Cnt_Igc==>Max
TS2.12VehicleSpeed_Kph_f32==>Min
TS2.13VehicleSpeed_Kph_f32==>Max
TS2.14VehicleSpeed_Kph_f32==>Pos
TS2.15CmdIgnSts_Cnt_u16==>Min
TS2.16CmdIgnSts_Cnt_u16==>Max
TS2.17CmdIgnSts_Cnt_u16==>Pos
TS2.18OperationalModeSts_Cnt_u16==>Min
TS2.19OperationalModeSts_Cnt_u16==>Max
TS2.20OperationalModeSts_Cnt_u16==>Pos
TS2.21CTermActive_Cnt_M_Igc==>Min
TS2.22CTermActive_Cnt_M_Igc==>Max
TS2.23MEC_Cnt_enum==>Min
TS2.24MEC_Cnt_enum==>Max
TS2.25MEC_Cnt_enum==>Pos
TS2.26k_RampDnRt_UlspmS_f32==>Min
TS2.27k_RampDnRt_UlspmS_f32==>Max
TS2.28k_RampDnRt_UlspmS_f32==>Pos / Def
TS2.29k_RampUpRtLoSpd_UlspmS_f32==>Min
TS2.30k_RampUpRtLoSpd_UlspmS_f32==>Max
TS2.31k_RampUpRtLoSpd_UlspmS_f32==>Pos / Def
TS2.32Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_DISABLE
TS2.33Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_OFF
TS2.34Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_OPERATE
TS2.35Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_WARMINIT
TS2.36Rte_Mode_SystemState_Mode==>RTE_TRANSITION_StaMd_Mode
TS2.37OpModeSts_Cnt_M_u16==>Min
TS2.38OpModeSts_Cnt_M_u16==>Max
TS2.39OpModeSts_Cnt_M_u16==>Pos
TS2.40VehPwrMd2msCounter_Cnt_M_u16==>Min
TS2.41VehPwrMd2msCounter_Cnt_M_u16==>Max
TS2.42VehPwrMd2msCounter_Cnt_M_u16==>Pos
TS2.43k_CTermShutdownTimeout_mS_u16==>Min / Def
TS2.44k_CTermShutdownTimeout_mS_u16==>Max
TS2.45k_CTermShutdownTimeout_mS_u16==>Pos
TS2.46StartStopLogicEnable_Cnt_M_Igc==>Min
TS2.47StartStopLogicEnable_Cnt_M_Igc==>Max
TS2.48k_VehSpdEngOn_Kph_f32==>Min
TS2.49k_VehSpdEngOn_Kph_f32==>Max
TS2.50k_VehSpdEngOn_Kph_f32==>Pos
TS2.51k_VehSpdEngOn_Kph_f32==>Def
TS2.52k_CTermOpModeStsTimeout_mS_u16==>Min / Def
TS2.53k_CTermOpModeStsTimeout_mS_u16==>Max
TS2.54k_CTermOpModeStsTimeout_mS_u16==>Pos
TS2.55PowerLatchTimeDID191D_Cnt_M_u16==>Min
TS2.56PowerLatchTimeDID191D_Cnt_M_u16==>Max
TS2.57PowerLatchTimeDID191D_Cnt_M_u16==>Pos
TS2.58StartStopSts_Cnt_u8==>Min
TS2.59StartStopSts_Cnt_u8==>Max
TS2.60StartStopSts_Cnt_u8==>Pos
TS2.61Rte_Call_EpsEn_OP_GET==>Min
TS2.62Rte_Call_EpsEn_OP_GET==>Max
TS2.63Rte_Call_SystemTime_GetSystemTime_mS_u32==>Min
TS2.64Rte_Call_SystemTime_GetSystemTime_mS_u32==>Max
TS2.65Rte_Call_SystemTime_GetSystemTime_mS_u32==>Pos
TS2.66Rte_Call_ComM_UserRequest_GetCurrentComMode==>Min
TS2.67Rte_Call_ComM_UserRequest_GetCurrentComMode==>Max
TS2.68Rte_Call_ComM_UserRequest_GetCurrentComMode==>Pos
TS2.69Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Min
TS2.70Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Max
TS2.71Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Pos

Test Step 2.1 (Repeat Count = 1)



Name	Input Value
CTermActive_Cnt_M_Igc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	0
CtermShutdownTimer_mS_M_u32	0
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	0
PowerLatchTimeDID191D_Cnt_M_u16	0
Rte_ModeMachine_StaMd9_SystemState9_Mode	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICom	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0

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VehPwrMd_Per1

Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	0		
k_CTermOpModeStsTimeout_mS_u16	0		
k_CTermShutdownTimeout_mS_u16	0		
k_RampDnRt_UlspmS_f32	9.99999975e-005		
k_RampUpRtLoSpd_UlspmS_f32	9.99999975e-005		
k_VehSpdEngOn_Kph_f32	0		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	0		
target_GetSystemTime_mS_u32_CurrentTime	0		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	0	0	✔
CtermShutdownTimer_mS_M_u32	0	0	✔
OpModeSts_Cnt_M_u16	0	0	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	9.99999975e-005	9.99999975e-005 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	1	1	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓	
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓	
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓	
DtrmnElapsedTime_mS_u16	1	DtrmnElapsdTime_mS_u16	1	✓	

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Test Step 2.2 (Repeat Count = 1) ✓

Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	4294967295
CtermShutdownTimer_mS_M_u32	4294967295
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	CtermShutdownTimer_mS_M_u32
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	15
PowerLatchTimeDID191D_Cnt_M_u16	255
Rte_ModeMachine_StaMd9_SystemState9_Mode	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	7
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	15
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	512
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	1
VehPwrMd2msCounter_Cnt_M_u16	500
k_CTermOpModeStsTimeout_mS_u16	65535
k_CTermShutdownTimeout_mS_u16	65535
k_RampDnRt_UlspmS_f32	0.004999999989
k_RampUpRtLoSpd_UlspmS_f32	0.004999999989
k_VehSpdEngOn_Kph_f32	512
target_ComM_GetCurrentComMode_ComMode	2
target_DtrmnElapsedTime_mS_u16_ElapsedTime	65535
target_GetSystemTime_mS_u32_CurrentTime	0
target_IoHwAb_GetEpsEn_signal	1

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✓
CtermOpModeStsTimer_mS_M_u32	4294967295	4294967295	✓
CtermShutdownTimer_mS_M_u32	4294967295	4294967295	✓
OpModeSts_Cnt_M_u16	15	15	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.004999999989	0.004999999989 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T ✓

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.3 (Repeat Count = 1) ✓

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	2547440384
CtermShutdownTimer_mS_M_u32	2547440384
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	12
PowerLatchTimeDID191D_Cnt_M_u16	127
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1

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Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_1	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	423.002289		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	433		
k_CTermOpModeStsTimeout_mS_u16	10944		
k_CTermShutdownTimeout_mS_u16	47796		
k_RampDnRt_UlspmS_f32	0.00240000011		
k_RampUpRtLoSpd_UlspmS_f32	0.00240000011		
k_VehSpdEngOn_Kph_f32	421.034912		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	17062		
target_GetSystemTime_mS_u32_CurrentTime	2547440384		
target_loHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	2547440384	2547440384	✔
CtermShutdownTimer_mS_M_u32	2547440384	2547440384	✔
OpModeSts_Cnt_M_u16	1	1	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_1	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_1	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00240000011	0.00240000011 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
loHwAb_GetEpsEn	1	loHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.4 (Repeat Count = 1)

Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	2101752320		
CtermShutdownTimer_mS_M_u32	2101752320		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	1		
PowerLatchTimeDID191D_Cnt_M_u16	173		
Rte_ModeMachine_StaMd9_SystemState9_Mode	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrIcor	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	6		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_1	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	368.745911		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	149		
k_CTermOpModeStsTimeout_mS_u16	61952		
k_CTermShutdownTimeout_mS_u16	18909		
k_RampDnRt_UlspmS_f32	0.00329999998		
k_RampUpRtLoSpd_UlspmS_f32	0.00190000003		
k_VehSpdEngOn_Kph_f32	41.1517982		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	51142		
target_GetSystemTime_mS_u32_CurrentTime	2101752320		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	2101752320	2101752320	✔

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Name	Actual Value	Expected Value	Result
CtermShutdownTimer_mS_M_u32	2101752320	2101752320	✓
OpModeSts_Cnt_M_u16	6	6	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00190000003	0.00190000003 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.5 (Repeat Count = 1)

Name	Input Value
CtermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	2270575616
CtermShutdownTimer_mS_M_u32	2270575616
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	5
PowerLatchTimeDID191D_Cnt_M_u16	102
Rte_ModeMachine_StaMd9_SystemState9_Mode	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrncor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	5
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	114.150703
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	1
VehPwrMd2msCounter_Cnt_M_u16	368
k_CtermOpModeStsTimeout_mS_u16	62544
k_CtermShutdownTimeout_mS_u16	46600
k_RampDnRt_UlspmS_f32	0.00340000005
k_RampUpRtLoSpd_UlspmS_f32	0.002899999996
k_VehSpdEngOn_Kph_f32	61.4309998
target_ComM_GetCurrentComMode_ComMode	0
target_DtrmnElapsedTime_mS_u16_ElapsedTime	43702
target_GetSystemTime_mS_u32_CurrentTime	2270575616
target_IoHwAb_GetEpsEn_signal	1

Name	Actual Value	Expected Value	Result
CtermActive_Cnt_M_lgc	0	0	✓
CtermOpModeStsTimer_mS_M_u32	2270575616	2270575616	✓
CtermShutdownTimer_mS_M_u32	2270575616	2270575616	✓
OpModeSts_Cnt_M_u16	5	5	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00340000005	0.00340000005 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

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Test Step 2.6 (Repeat Count = 1) ✓

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	1636568832
CtermShutdownTimer_mS_M_u32	1636568832
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	7
PowerLatchTimeDID191D_Cnt_M_u16	239
Rte_ModeMachine_StaMd9_SystemState9_Mode	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	6
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICon	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	182.662292
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0
StartStopLogicEnable_Cnt_M_lgc	1
VehPwrMd2msCounter_Cnt_M_u16	392
k_CTermOpModeStsTimeout_mS_u16	61173
k_CTermShutdownTimeout_mS_u16	31077
k_RampDnRt_UlspmS_f32	0.000899999985
k_RampUpRtLoSpd_UlspmS_f32	0.00430000015
k_VehSpdEngOn_Kph_f32	48.4122009
target_ComM_GetCurrentComMode_ComMode	1
target_DtrmnElapsedTime_mS_u16_ElapsedTime	20506
target_GetSystemTime_mS_u32_CurrentTime	1636568832
target_IoHwAb_GetEpsEn_signal	0

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✓
CtermOpModeStsTimer_mS_M_u32	1636568832	1636568832	✓
CtermShutdownTimer_mS_M_u32	1636568832	1636568832	✓
OpModeSts_Cnt_M_u16	4	4	✓
PowerLatchTimeDID191D_Cnt_M_u16	239	239	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.000899999985	0.000899999985 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	239	239	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	393	393	✓

T ✓

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.7 (Repeat Count = 1) ✓

Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	2784400896
CtermShutdownTimer_mS_M_u32	2784400896
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	0
PowerLatchTimeDID191D_Cnt_M_u16	176
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICon	1

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Name	Input Value
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	283.806396
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	0
VehPwrMd2msCounter_Cnt_M_u16	273
k_CTermOpModeStsTimeout_mS_u16	57522
k_CTermShutdownTimeout_mS_u16	12954
k_RampDnRt_UlspmS_f32	0.00260000001
k_RampUpRtLoSpd_UlspmS_f32	0.00310000009
k_VehSpdEngOn_Kph_f32	310.511414
target_ComM_GetCurrentComMode_ComMode	2
target_DtrmnElapsedTime_mS_u16_ElapsedTime	36922
target_GetSystemTime_mS_u32_CurrentTime	2784400896
target_IoHwAb_GetEpsEn_signal	1

Name	Actual Value	Expected Value	Result
CtermActive_Cnt_M_lgc	1	1	✓
CtermOpModeStsTimer_mS_M_u32	2784400896	2784400896	✓
CtermShutdownTimer_mS_M_u32	2784400896	2784400896	✓
OpModeSts_Cnt_M_u16	1	1	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00310000009	0.00310000009 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

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VehPwrMd_Per1

Test Step 2.8 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	2408775936
CtermShutdownTimer_mS_M_u32	2408775936
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	5
PowerLatchTimeDID191D_Cnt_M_u16	12
Rte_ModeMachine_StaMd9_SystemState9_Mode	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	7
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrIcor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	182.4104
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	0
VehPwrMd2msCounter_Cnt_M_u16	226
k_CTermOpModeStsTimeout_mS_u16	5751
k_CTermShutdownTimeout_mS_u16	11542
k_RampDnRt_UlspmS_f32	0.00200000009
k_RampUpRtLoSpd_UlspmS_f32	0.00279999999
k_VehSpdEngOn_Kph_f32	174.417496
target_ComM_GetCurrentComMode_ComMode	2
target_DtrmnElapsedTime_mS_u16_ElapsedTime	28407
target_GetSystemTime_mS_u32_CurrentTime	2408775936
target_IoHwAb_GetEpsEn_signal	1

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✓
CtermOpModeStsTimer_mS_M_u32	2408775936	2408775936	✓
CtermShutdownTimer_mS_M_u32	2408775936	2408775936	✓
OpModeSts_Cnt_M_u16	2	2	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00200000009	0.00200000009 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.9 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	506052608
CtermShutdownTimer_mS_M_u32	506052608
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	10
PowerLatchTimeDID191D_Cnt_M_u16	76
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrIcor	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	7

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Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	104.808296		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	127		
k_CTermOpModeStsTimeout_mS_u16	17460		
k_CTermShutdownTimeout_mS_u16	15182		
k_RampDnRt_UlspmS_f32	0.002899999996		
k_RampUpRtLoSpd_UlspmS_f32	0.002499999994		
k_VehSpdEngOn_Kph_f32	393.004211		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	25963		
target_GetSystemTime_mS_u32_CurrentTime	506052608		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	506052608	506052608	✔
CtermShutdownTimer_mS_M_u32	506052608	506052608	✔
OpModeSts_Cnt_M_u16	7	7	✔
PowerLatchTimeDID191D_Cnt_M_u16	76	76	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.002499999994	0.002499999994 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	76	76	✔
StartStopLogicEnable_Cnt_M_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	128	128	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.10 (Repeat Count = 1)				
Name		Input Value		
CTermActive_Cnt_M_lgc		0		
ComM_GetCurrentComMode(ComMode)		target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32		1627798016		
CtermShutdownTimer_mS_M_u32		1627798016		
DtrmnElapsedTime_mS_u16(ElapsedTime)		target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)		target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)		target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16		13		
PowerLatchTimeDID191D_Cnt_M_u16		55		
Rte_ModeMachine_StaMd9_SystemState9_Mode		4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C		2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop		2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM		8		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts		3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		323.187805		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		0		
StartStopLogicEnable_Cnt_M_lgc		0		
VehPwrMd2msCounter_Cnt_M_u16		153		
k_CTermOpModeStsTimeout_mS_u16		63578		
k_CTermShutdownTimeout_mS_u16		60851		
k_RampDnRt_UlspmS_f32		0.0013		
k_RampUpRtLoSpd_UlspmS_f32		0.000199999995		
k_VehSpdEngOn_Kph_f32		463.990204		
target_ComM_GetCurrentComMode_ComMode		1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime		17465		
target_GetSystemTime_mS_u32_CurrentTime		1627798016		
target_IoHwAb_GetEpsEn_signal		0		
Name	Actual Value	Expected Value	Result	
CTermActive_Cnt_M_lgc	1	1	✓	
CtermOpModeStsTimer_mS_M_u32	1627798016	1627798016	✓	

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Name	Actual Value	Expected Value	Result
CtermShutdownTimer_mS_M_u32	1627798016	1627798016	✓
OpModeSts_Cnt_M_u16	8	8	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.000199999995	0.000199999995 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.11 (Repeat Count = 1)

Name	Input Value
CtermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	2582910208
CtermShutdownTimer_mS_M_u32	2582910208
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	0
PowerLatchTimeDID191D_Cnt_M_u16	11
Rte_ModeMachine_StaMd9_SystemState9_Mode	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	6
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrncor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	10
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	71.5399017
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	0
VehPwrMd2msCounter_Cnt_M_u16	122
k_CtermOpModeStsTimeout_mS_u16	49808
k_CtermShutdownTimeout_mS_u16	19037
k_RampDnRt_UlspmS_f32	0.00200000009
k_RampUpRtLoSpd_UlspmS_f32	0.00289999996
k_VehSpdEngOn_Kph_f32	87.790802
target_ComM_GetCurrentComMode_ComMode	1
target_DtrmnElapsedTime_mS_u16_ElapsedTime	64905
target_GetSystemTime_mS_u32_CurrentTime	2582910208
target_IoHwAb_GetEpsEn_signal	1

Name	Actual Value	Expected Value	Result
CtermActive_Cnt_M_lgc	0	0	✓
CtermOpModeStsTimer_mS_M_u32	2582910208	2582910208	✓
CtermShutdownTimer_mS_M_u32	2582910208	2582910208	✓
OpModeSts_Cnt_M_u16	10	10	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00200000009	0.00200000009 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

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Test Step 2.12 (Repeat Count = 1) ✓

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	2376808192
CtermShutdownTimer_mS_M_u32	2376808192
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	12
PowerLatchTimeDID191D_Cnt_M_u16	71
Rte_ModeMachine_StaMd9_SystemState9_Mode	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrncor	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	11
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	0
VehPwrMd2msCounter_Cnt_M_u16	213
k_CTermOpModeStsTimeout_mS_u16	25053
k_CTermShutdownTimeout_mS_u16	5440
k_RampDnRt_UlspmS_f32	0.002199999999
k_RampUpRtLoSpd_UlspmS_f32	9.99999975e-005
k_VehSpdEngOn_Kph_f32	78.0314026
target_ComM_GetCurrentComMode_ComMode	0
target_DtrmnElapsedTime_mS_u16_ElapsedTime	15179
target_GetSystemTime_mS_u32_CurrentTime	2376808192
target_IoHwAb_GetEpsEn_signal	0

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✓
CtermOpModeStsTimer_mS_M_u32	2376808192	2376808192	✓
CtermShutdownTimer_mS_M_u32	2376808192	2376808192	✓
OpModeSts_Cnt_M_u16	11	11	✓
PowerLatchTimeDID191D_Cnt_M_u16	71	71	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	9.99999975e-005	9.99999975e-005 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	71	71	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	214	214	✓

T ✓

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.13 (Repeat Count = 1) ✓

Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	4030275072
CtermShutdownTimer_mS_M_u32	4030275072
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	9
PowerLatchTimeDID191D_Cnt_M_u16	108
Rte_ModeMachine_StaMd9_SystemState9_Mode	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	6
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrncor	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0

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Name	Input Value			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	5			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	2			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	512			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0			
StartStopLogicEnable_Cnt_M_lgc	0			
VehPwrMd2msCounter_Cnt_M_u16	50			
k_CTermOpModeStsTimeout_mS_u16	27034			
k_CTermShutdownTimeout_mS_u16	31658			
k_RampDnRt_UlspmS_f32	0.00179999997			
k_RampUpRtLoSpd_UlspmS_f32	0.00170000002			
k_VehSpdEngOn_Kph_f32	17.1077995			
target_ComM_GetCurrentComMode_ComMode	2			
target_DtrmnElapsedTime_mS_u16_ElapsedTime	49992			
target_GetSystemTime_mS_u32_CurrentTime	4030275072			
target_IoHwAb_GetEpsEn_signal	0			
Name	Actual Value	Expected Value	Result	
CtermActive_Cnt_M_lgc	1	1	✓	
CtermOpModeStsTimer_mS_M_u32	4030275072	4030275072	✓	
CtermShutdownTimer_mS_M_u32	4030275072	4030275072	✓	
OpModeSts_Cnt_M_u16	5	5	✓	
PowerLatchTimeDID191D_Cnt_M_u16	108	108	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	0	0	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00170000002	0.00170000002 ± 0.00390625	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	108	108	✓	
StartStopLogicEnable_Cnt_M_lgc	1	1	✓	
VehPwrMd2msCounter_Cnt_M_u16	51	51	✓	

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

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Test Step 2.14 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	3303762176
CtermShutdownTimer_mS_M_u32	3303762176
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	7
PowerLatchTimeDID191D_Cnt_M_u16	160
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrIcor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	8
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	127.256302
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0
StartStopLogicEnable_Cnt_M_lgc	0
VehPwrMd2msCounter_Cnt_M_u16	337
k_CTermOpModeStsTimeout_mS_u16	22238
k_CTermShutdownTimeout_mS_u16	31750
k_RampDnRt_UlspmS_f32	0.002899999996
k_RampUpRtLoSpd_UlspmS_f32	0.003199999992
k_VehSpdEngOn_Kph_f32	122.675598
target_ComM_GetCurrentComMode_ComMode	0
target_DtrmnElapsedTime_mS_u16_ElapsedTime	30701
target_GetSystemTime_mS_u32_CurrentTime	3303762176
target_IoHwAb_GetEpsEn_signal	1

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✓
CtermOpModeStsTimer_mS_M_u32	3303762176	3303762176	✓
CtermShutdownTimer_mS_M_u32	3303762176	3303762176	✓
OpModeSts_Cnt_M_u16	8	8	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.003199999992	0.003199999992 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.15 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	3250620416
CtermShutdownTimer_mS_M_u32	3250620416
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	5
PowerLatchTimeDID191D_Cnt_M_u16	141
Rte_ModeMachine_StaMd9_SystemState9_Mode	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrIcor	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	12

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Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	217.988297		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	219		
k_CTermOpModeStsTimeout_mS_u16	29087		
k_CTermShutdownTimeout_mS_u16	20511		
k_RampDnRt_UlspmS_f32	0.00340000005		
k_RampUpRtLoSpd_UlspmS_f32	0.00179999997		
k_VehSpdEngOn_Kph_f32	183.099197		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	58410		
target_GetSystemTime_mS_u32_CurrentTime	3250620416		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	3250620416	3250620416	✔
CtermShutdownTimer_mS_M_u32	3250620416	3250620416	✔
OpModeSts_Cnt_M_u16	12	12	✔
PowerLatchTimeDID191D_Cnt_M_u16	141	141	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00179999997	0.00179999997 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	141	141	✔
StartStopLogicEnable_Cnt_M_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	220	220	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓	
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓	
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓	

Test Step 2.16 (Repeat Count = 1)				✓
Name		Input Value		
CTermActive_Cnt_M_lgc		0		
ComM_GetCurrentComMode(ComMode)		target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32		175975168		
CtermShutdownTimer_mS_M_u32		175975168		
DtrmnElapsedTime_mS_u16(ElapsedTime)		target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)		target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)		target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16		2		
PowerLatchTimeDID191D_Cnt_M_u16		251		
Rte_ModeMachine_StaMd9_SystemState9_Mode		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C		7		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM		10		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts		2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		95.9821014		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		0		
StartStopLogicEnable_Cnt_M_lgc		1		
VehPwrMd2msCounter_Cnt_M_u16		370		
k_CTermOpModeStsTimeout_mS_u16		43448		
k_CTermShutdownTimeout_mS_u16		1105		
k_RampDnRt_UlspmS_f32		0.001599999996		
k_RampUpRtLoSpd_UlspmS_f32		0.002199999999		
k_VehSpdEngOn_Kph_f32		454.734985		
target_ComM_GetCurrentComMode_ComMode		0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime		45296		
target_GetSystemTime_mS_u32_CurrentTime		175975168		
target_IoHwAb_GetEpsEn_signal		0		
Name	Actual Value	Expected Value	Result	
CTermActive_Cnt_M_lgc	1	1	✓	
CtermOpModeStsTimer_mS_M_u32	175975168	175975168	✓	

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Name	Actual Value	Expected Value	Result
CtermShutdownTimer_mS_M_u32	175975168	175975168	✓
OpModeSts_Cnt_M_u16	10	10	✓
PowerLatchTimeDID191D_Cnt_M_u16	251	251	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.002199999999	0.002199999999 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	251	251	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	371	371	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.17 (Repeat Count = 1)

Name	Input Value
CtermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	1653817856
CtermShutdownTimer_mS_M_u32	1653817856
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	9
PowerLatchTimeDID191D_Cnt_M_u16	194
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	6
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrncor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	11
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	254.182404
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	1
VehPwrMd2msCounter_Cnt_M_u16	270
k_CtermOpModeStsTimeout_mS_u16	55384
k_CtermShutdownTimeout_mS_u16	17989
k_RampDnRt_UlspmS_f32	0.002099999993
k_RampUpRtLoSpd_UlspmS_f32	0.00200000009
k_VehSpdEngOn_Kph_f32	222.712296
target_ComM_GetCurrentComMode_ComMode	1
target_DtrmnElapsedTime_mS_u16_ElapsedTime	1578
target_GetSystemTime_mS_u32_CurrentTime	1653817856
target_IoHwAb_GetEpsEn_signal	1

Name	Actual Value	Expected Value	Result
CtermActive_Cnt_M_lgc	0	0	✓
CtermOpModeStsTimer_mS_M_u32	1653817856	1653817856	✓
CtermShutdownTimer_mS_M_u32	1653817856	1653817856	✓
OpModeSts_Cnt_M_u16	11	11	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.002099999993	0.002099999993 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

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Test Step 2.18 (Repeat Count = 1) ✓

Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	4084006144
CtermShutdownTimer_mS_M_u32	4084006144
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	8
PowerLatchTimeDID191D_Cnt_M_u16	11
Rte_ModeMachine_StaMd9_SystemState9_Mode	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrncor	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	499.216095
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0
StartStopLogicEnable_Cnt_M_lgc	1
VehPwrMd2msCounter_Cnt_M_u16	63
k_CTermOpModeStsTimeout_mS_u16	30644
k_CTermShutdownTimeout_mS_u16	38085
k_RampDnRt_UlspmS_f32	0.002899999996
k_RampUpRtLoSpd_UlspmS_f32	0.00200000009
k_VehSpdEngOn_Kph_f32	313.7388
target_ComM_GetCurrentComMode_ComMode	0
target_DtrmnElapsedTime_mS_u16_ElapsedTime	983
target_GetSystemTime_mS_u32_CurrentTime	4084006144
target_IoHwAb_GetEpsEn_signal	1

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✓
CtermOpModeStsTimer_mS_M_u32	4084006144	4084006144	✓
CtermShutdownTimer_mS_M_u32	4084006144	4084006144	✓
OpModeSts_Cnt_M_u16	0	0	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00200000009	0.00200000009 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T ✓

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.19 (Repeat Count = 1) ✓

Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	3851144192
CtermShutdownTimer_mS_M_u32	3851144192
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	1
PowerLatchTimeDID191D_Cnt_M_u16	212
Rte_ModeMachine_StaMd9_SystemState9_Mode	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	5
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrncor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	1

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Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	15		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	394.685913		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	443		
k_CTermOpModeStsTimeout_mS_u16	2029		
k_CTermShutdownTimeout_mS_u16	56369		
k_RampDnRt_UlspmS_f32	0.00249999994		
k_RampUpRtLoSpd_UlspmS_f32	0.00319999992		
k_VehSpdEngOn_Kph_f32	314.166107		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	33467		
target_GetSystemTime_mS_u32_CurrentTime	3851144192		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✓
CtermOpModeStsTimer_mS_M_u32	3851144192	3851144192	✓
CtermShutdownTimer_mS_M_u32	3851144192	3851144192	✓
OpModeSts_Cnt_M_u16	15	15	✓
PowerLatchTimeDID191D_Cnt_M_u16	212	212	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00319999992	0.00319999992 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	212	212	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	444	444	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

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VehPwrMd_Per1



Test Step 2.20 (Repeat Count = 1) ✓

Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	3509280512
CtermShutdownTimer_mS_M_u32	3509280512
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	9
PowerLatchTimeDID191D_Cnt_M_u16	91
Rte_ModeMachine_StaMd9_SystemState9_Mode	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	10
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	195.240799
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	1
VehPwrMd2msCounter_Cnt_M_u16	28
k_CTermOpModeStsTimeout_mS_u16	15454
k_CTermShutdownTimeout_mS_u16	7467
k_RampDnRt_UlspmS_f32	0.000199999995
k_RampUpRtLoSpd_UlspmS_f32	0.000199999995
k_VehSpdEngOn_Kph_f32	106.529297
target_ComM_GetCurrentComMode_ComMode	2
target_DtrmnElapsedTime_mS_u16_ElapsedTime	20045
target_GetSystemTime_mS_u32_CurrentTime	3509280512
target_IoHwAb_GetEpsEn_signal	0

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✓
CtermOpModeStsTimer_mS_M_u32	3509280512	3509280512	✓
CtermShutdownTimer_mS_M_u32	3509280512	3509280512	✓
OpModeSts_Cnt_M_u16	10	10	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.000199999995	0.000199999995 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T ✓

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.21 (Repeat Count = 1) ✓

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	3092817408
CtermShutdownTimer_mS_M_u32	3092817408
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	15
PowerLatchTimeDID191D_Cnt_M_u16	98
Rte_ModeMachine_StaMd9_SystemState9_Mode	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0

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Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	248.602905		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	345		
k_CTermOpModeStsTimeout_mS_u16	24504		
k_CTermShutdownTimeout_mS_u16	1159		
k_RampDnRt_UlspmS_f32	0.00490000006		
k_RampUpRtLoSpd_UlspmS_f32	0.00150000001		
k_VehSpdEngOn_Kph_f32	395.181488		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	739		
target_GetSystemTime_mS_u32_CurrentTime	3092817408		
target_loHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	3092817408	3092817408	✔
CtermShutdownTimer_mS_M_u32	3092817408	3092817408	✔
OpModeSts_Cnt_M_u16	4	4	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00150000001	0.00150000001 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
loHwAb_GetEpsEn	1	loHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.22 (Repeat Count = 1)				
Name		Input Value		
CTermActive_Cnt_M_lgc		1		
ComM_GetCurrentComMode(ComMode)		target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32		883740928		
CtermShutdownTimer_mS_M_u32		883740928		
DtrmnElapsedTime_mS_u16(ElapsedTime)		target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)		target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)		target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16		4		
PowerLatchTimeDID191D_Cnt_M_u16		173		
Rte_ModeMachine_StaMd9_SystemState9_Mode		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C		5		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM		5		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts		3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		280.613586		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		0		
StartStopLogicEnable_Cnt_M_lgc		0		
VehPwrMd2msCounter_Cnt_M_u16		342		
k_CTermOpModeStsTimeout_mS_u16		25510		
k_CTermShutdownTimeout_mS_u16		32655		
k_RampDnRt_UlspmS_f32		0.00260000001		
k_RampUpRtLoSpd_UlspmS_f32		0.00319999992		
k_VehSpdEngOn_Kph_f32		252.561996		
target_ComM_GetCurrentComMode_ComMode		2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime		53052		
target_GetSystemTime_mS_u32_CurrentTime		883740928		
target_IoHwAb_GetEpsEn_signal		1		
Name	Actual Value	Expected Value	Result	
CTermActive_Cnt_M_lgc	1	1	✓	
CtermOpModeStsTimer_mS_M_u32	883740928	883740928	✓	
CtermShutdownTimer_mS_M_u32	883740928	883740928	✓	

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Name	Actual Value	Expected Value	Result
OpModeSts_Cnt_M_u16	5	5	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00319999992	0.00319999992 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.23 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	2324288256
CtermShutdownTimer_mS_M_u32	2324288256
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	3
PowerLatchTimeDID191D_Cnt_M_u16	252
Rte_ModeMachine_StaMd9_SystemState9_Mode	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	15
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	19.5473995
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	1
VehPwrMd2msCounter_Cnt_M_u16	204
k_CTermOpModeStsTimeout_mS_u16	27906
k_CTermShutdownTimeout_mS_u16	49761
k_RampDnRt_UlspmS_f32	0.00209999993
k_RampUpRtLoSpd_UlspmS_f32	0.00120000006
k_VehSpdEngOn_Kph_f32	127.231102
target_ComM_GetCurrentComMode_ComMode	1
target_DtrmnElapsedTime_mS_u16_ElapsedTime	53494
target_GetSystemTime_mS_u32_CurrentTime	2324288256
target_IoHwAb_GetEpsEn_signal	0

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✓
CtermOpModeStsTimer_mS_M_u32	2324288256	2324288256	✓
CtermShutdownTimer_mS_M_u32	2324288256	2324288256	✓
OpModeSts_Cnt_M_u16	15	15	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00209999993	0.00209999993 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

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Test Step 2.24 (Repeat Count = 1) ✓

Name	Input Value		
CtermActive_Cnt_M_Igc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	1192053248		
CtermShutdownTimer_mS_M_u32	1192053248		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	3		
PowerLatchTimeDID191D_Cnt_M_u16	118		
Rte_ModeMachine_StaMd9_SystemState9_Mode	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrIcor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	6		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	332.318787		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_Igc	1		
VehPwrMd2msCounter_Cnt_M_u16	124		
k_CTermOpModeStsTimeout_mS_u16	54812		
k_CTermShutdownTimeout_mS_u16	57013		
k_RampDnRt_UlspmS_f32	0.00389999989		
k_RampUpRtLoSpd_UlspmS_f32	0.00190000003		
k_VehSpdEngOn_Kph_f32	399.842102		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	53431		
target_GetSystemTime_mS_u32_CurrentTime	1192053248		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CtermActive_Cnt_M_Igc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	1192053248	1192053248	✔
CtermShutdownTimer_mS_M_u32	1192053248	1192053248	✔
OpModeSts_Cnt_M_u16	6	6	✔
PowerLatchTimeDID191D_Cnt_M_u16	118	118	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00389999989	0.00389999989 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	118	118	✔
StartStopLogicEnable_Cnt_M_Igc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	125	125	✔

T ✓				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.25 (Repeat Count = 1) ✓

Name	Input Value
CtermActive_Cnt_M_Igc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	2552161536
CtermShutdownTimer_mS_M_u32	2552161536
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	13
PowerLatchTimeDID191D_Cnt_M_u16	201
Rte_ModeMachine_StaMd9_SystemState9_Mode	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrIcor	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1

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Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	461.435913		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	23		
k_CTermOpModeStsTimeout_mS_u16	10121		
k_CTermShutdownTimeout_mS_u16	54167		
k_RampDnRt_UlspmS_f32	0.004499999981		
k_RampUpRtLoSpd_UlspmS_f32	0.003800000006		
k_VehSpdEngOn_Kph_f32	261.692688		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	42063		
target_GetSystemTime_mS_u32_CurrentTime	2552161536		
target_loHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✓
CtermOpModeStsTimer_mS_M_u32	2552161536	2552161536	✓
CtermShutdownTimer_mS_M_u32	2552161536	2552161536	✓
OpModeSts_Cnt_M_u16	1	1	✓
PowerLatchTimeDID191D_Cnt_M_u16	201	201	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.003800000006	0.003800000006 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	201	201	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	24	24	✓

T	Actual Function	Count	Expected Function	Count	Result
	GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
	loHwAb_GetEpsEn	1	loHwAb_GetEpsEn	1	✓
	ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.26 (Repeat Count = 1)			
Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	2165707776		
CtermShutdownTimer_mS_M_u32	2165707776		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	1		
PowerLatchTimeDID191D_Cnt_M_u16	158		
Rte_ModeMachine_StaMd9_SystemState9_Mode	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrCor	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	174.611496		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	300		
k_CTermOpModeStsTimeout_mS_u16	32015		
k_CTermShutdownTimeout_mS_u16	34652		
k_RampDnRt_UlspmS_f32	9.99999975e-005		
k_RampUpRtLoSpd_UlspmS_f32	0.001599999996		
k_VehSpdEngOn_Kph_f32	90.5140991		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	8437		
target_GetSystemTime_mS_u32_CurrentTime	2165707776		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive Cnt M lgc	1	1	

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Name	Actual Value	Expected Value	Result
CtermOpModeStsTimer_mS_M_u32	2165707776	2165707776	✓
CtermShutdownTimer_mS_M_u32	2165707776	2165707776	✓
OpModeSts_Cnt_M_u16	3	3	✓
PowerLatchTimeDID191D_Cnt_M_u16	158	158	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.001599999996	0.001599999996 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	158	158	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	301	301	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.27 (Repeat Count = 1)

Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	3786180352		
CtermShutdownTimer_mS_M_u32	3786180352		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	12		
PowerLatchTimeDID191D_Cnt_M_u16	114		
Rte_ModeMachine_StaMd9_SystemState9_Mode	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	60.1897011		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	90		
k_CTermOpModeStsTimeout_mS_u16	53016		
k_CTermShutdownTimeout_mS_u16	25800		
k_RampDnRt_UlspmS_f32	0.004999999989		
k_RampUpRtLoSpd_UlspmS_f32	0.004900000006		
k_VehSpdEngOn_Kph_f32	272.552185		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	29887		
target_GetSystemTime_mS_u32_CurrentTime	3786180352		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	3786180352	3786180352	✔
CtermShutdownTimer_mS_M_u32	3786180352	3786180352	✔
OpModeSts_Cnt_M_u16	1	1	✔
PowerLatchTimeDID191D_Cnt_M_u16	114	114	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.004999999989	0.004999999989 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	114	114	✔
StartStopLogicEnable_Cnt_M_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	91	91	✔

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VehPwrMd_Per1



T					✓
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1		✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1		✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1		✓

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VehPwrMd_Per1

Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	15		
PowerLatchTimeDID191D_Cnt_M_u16	34		
Rte_ModeMachine_StaMd9_SystemState9_Mode	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	6		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	395.828888		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	473		
k_CTermOpModeStsTimeout_mS_u16	4719		
k_CTermShutdownTimeout_mS_u16	43089		
k_RampDnRt_UlspmS_f32	0.001000000005		
k_RampUpRtLoSpd_UlspmS_f32	9.99999975e-005		
k_VehSpdEngOn_Kph_f32	76.0765991		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	48516		
target_GetSystemTime_mS_u32_CurrentTime	1098332416		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	1098332416	1098332416	✔
CtermShutdownTimer_mS_M_u32	1098332416	1098332416	✔
OpModeSts_Cnt_M_u16	0	0	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	9.99999975e-005	9.99999975e-005 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.30 (Repeat Count = 1)	
Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	4284291072
CtermShutdownTimer_mS_M_u32	4284291072
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	9
PowerLatchTimeDID191D_Cnt_M_u16	1
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	7
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	8
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	183.704803
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	0
VehPwrMd2msCounter_Cnt_M_u16	308
k_CTermOpModeStsTimeout_mS_u16	59435
k_CTermShutdownTimeout_mS_u16	14974

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Name	Input Value		
k_RampDnRt_UlspmS_f32	0.00100000005		
k_RampUpRtLoSpd_UlspmS_f32	0.00499999989		
k_VehSpdEngOn_Kph_f32	57.1277008		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	45733		
target_GetSystemTime_mS_u32_CurrentTime	4284291072		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_Igc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	4284291072	4284291072	✔
CtermShutdownTimer_mS_M_u32	4284291072	4284291072	✔
OpModeSts_Cnt_M_u16	8	8	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00499999989	0.00499999989 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_Igc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓	
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓	
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓	

Test Step 2.31 (Repeat Count = 1)				✓
Name		Input Value		
CTermActive_Cnt_M_Igc		1		
ComM_GetCurrentComMode(ComMode)		target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32		937917184		
CtermShutdownTimer_mS_M_u32		937917184		
DtrmnElapsedTime_mS_u16(ElapsedTime)		target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)		target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)		target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16		5		
PowerLatchTimeDID191D_Cnt_M_u16		176		
Rte_ModeMachine_StaMd9_SystemState9_Mode		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop		3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en		2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM		6		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		211.351593		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		0		
StartStopLogicEnable_Cnt_M_Igc		1		
VehPwrMd2msCounter_Cnt_M_u16		111		
k_CTermOpModeStsTimeout_mS_u16		19028		
k_CTermShutdownTimeout_mS_u16		63347		
k_RampDnRt_UlspmS_f32		0.000300000014		
k_RampUpRtLoSpd_UlspmS_f32		0.000500000024		
k_VehSpdEngOn_Kph_f32		347.253601		
target_ComM_GetCurrentComMode_ComMode		0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime		26557		
target_GetSystemTime_mS_u32_CurrentTime		937917184		
target_IoHwAb_GetEpsEn_signal		1		
Name		Actual Value	Expected Value	Result
CTermActive_Cnt_M_Igc		1	1	✓
CtermOpModeStsTimer_mS_M_u32		937917184	937917184	✓
CtermShutdownTimer_mS_M_u32		937917184	937917184	✓
OpModeSts_Cnt_M_u16		6	6	✓
PowerLatchTimeDID191D_Cnt_M_u16		0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_		1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_		1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa		0.000500000024	0.000500000024 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa		1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi		0	0	✓

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Name	Actual Value	Expected Value	Result
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.32 (Repeat Count = 1)

Name	Input Value		
CTermActive_Cnt_M_lgc	1		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	664031744		
CtermShutdownTimer_mS_M_u32	664031744		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	4		
PowerLatchTimeDID191D_Cnt_M_u16	56		
Rte_ModeMachine_StaMd9_SystemState9_Mode	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIqnSts_C	7		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	11		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	383.509796		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	247		
k_CTermOpModeStsTimeout_mS_u16	59845		
k_CTermShutdownTimeout_mS_u16	22049		
k_RampDnRt_UlspmS_f32	0.00319999992		
k_RampUpRtLoSpd_UlspmS_f32	0.00340000005		
k_VehSpdEngOn_Kph_f32	125.061501		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	31490		
target_GetSystemTime_mS_u32_CurrentTime	664031744		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	664031744	664031744	✔
CtermShutdownTimer_mS_M_u32	664031744	664031744	✔
OpModeSts_Cnt_M_u16	11	11	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00340000005	0.00340000005 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.33 (Repeat Count = 1)

Name	Input Value
CtermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	3165244672

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Name	Input Value		
CtermShutdownTimer_mS_M_u32	3165244672		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	6		
PowerLatchTimeDID191D_Cnt_M_u16	162		
Rte_ModeMachine_StaMd9_SystemState9_Mode	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrCor	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	5		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	223.968307		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	193		
k_CTermOpModeStsTimeout_mS_u16	27054		
k_CTermShutdownTimeout_mS_u16	43377		
k_RampDnRt_UlspmS_f32	0.0046000001		
k_RampUpRtLoSpd_UlspmS_f32	0.00219999999		
k_VehSpdEngOn_Kph_f32	337.549805		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	55695		
target_GetSystemTime_mS_u32_CurrentTime	3165244672		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CtermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	3165244672	3165244672	✔
CtermShutdownTimer_mS_M_u32	3165244672	3165244672	✔
OpModeSts_Cnt_M_u16	5	5	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00219999999	0.00219999999 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.34 (Repeat Count = 1)	
Name	Input Value
CtermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	1091918848
CtermShutdownTimer_mS_M_u32	1091918848
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	11
PowerLatchTimeDID191D_Cnt_M_u16	198
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	5
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrCor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	369.279205
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0
StartStopLogicEnable_Cnt_M_lgc	0
VehPwrMd2msCounter_Cnt_M_u16	380

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VehPwrMd_Per1

Name	Input Value		
k_CTermOpModeStsTimeout_mS_u16	48958		
k_CTermShutdownTimeout_mS_u16	53613		
k_RampDnRt_UlspmS_f32	0.00419999985		
k_RampUpRtLoSpd_UlspmS_f32	0.00449999981		
k_VehSpdEngOn_Kph_f32	6.66739988		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	25811		
target_GetSystemTime_mS_u32_CurrentTime	1091918848		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✓
CtermOpModeStsTimer_mS_M_u32	1091918848	1091918848	✓
CtermShutdownTimer_mS_M_u32	1091918848	1091918848	✓
OpModeSts_Cnt_M_u16	2	2	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00419999985	0.00419999985 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.35 (Repeat Count = 1)

Name	Input Value		
CTermActive_Cnt_M_lgc	1		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	937917184		
CtermShutdownTimer_mS_M_u32	937917184		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	15		
PowerLatchTimeDID191D_Cnt_M_u16	119		
Rte_ModeMachine_StaMd9_SystemState9_Mode	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	12		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	369.279205		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	39		
k_CTermOpModeStsTimeout_mS_u16	48958		
k_CTermShutdownTimeout_mS_u16	53613		
k_RampDnRt_UlspmS_f32	0.00449999981		
k_RampUpRtLoSpd_UlspmS_f32	0.000600000028		
k_VehSpdEngOn_Kph_f32	310.593506		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	26557		
target_GetSystemTime_mS_u32_CurrentTime	937917184		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✓
CtermOpModeStsTimer_mS_M_u32	937917184	937917184	✓
CtermShutdownTimer_mS_M_u32	937917184	937917184	✓
OpModeSts_Cnt_M_u16	12	12	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✓

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00449999981	0.00449999981 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.36 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	1091918848
CtermShutdownTimer_mS_M_u32	1091918848
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	14
PowerLatchTimeDID191D_Cnt_M_u16	184
Rte_ModeMachine_StaMd9_SystemState9_Mode	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrIcor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	7
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	369.279205
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0
StartStopLogicEnable_Cnt_M_lgc	0
VehPwrMd2msCounter_Cnt_M_u16	232
k_CTermOpModeStsTimeout_mS_u16	48958
k_CTermShutdownTimeout_mS_u16	53613
k_RampDnRt_UlspmS_f32	0.00480000023
k_RampUpRtLoSpd_UlspmS_f32	0.00230000005
k_VehSpdEngOn_Kph_f32	196.171494
target_ComM_GetCurrentComMode_ComMode	0
target_DtrmnElapsedTime_mS_u16_ElapsedTime	25811
target_GetSystemTime_mS_u32_CurrentTime	1091918848
target_IoHwAb_GetEpsEn_signal	1

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✓
CtermOpModeStsTimer_mS_M_u32	1091918848	1091918848	✓
CtermShutdownTimer_mS_M_u32	1091918848	1091918848	✓
OpModeSts_Cnt_M_u16	7	7	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00480000023	0.00480000023 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

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Test Step 2.37 (Repeat Count = 1)

Name	Input Value		
CtermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	2563682048		
CtermShutdownTimer_mS_M_u32	2563682048		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	0		
PowerLatchTimeDID191D_Cnt_M_u16	169		
Rte_ModeMachine_StaMd9_SystemState9_Mode	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	6		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	10		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	259.980896		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	188		
k_CTermOpModeStsTimeout_mS_u16	28331		
k_CTermShutdownTimeout_mS_u16	41909		
k_RampDnRt_UlspmS_f32	0.0006999999975		
k_RampUpRtLoSpd_UlspmS_f32	0.00350000011		
k_VehSpdEngOn_Kph_f32	45.9286003		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	32323		
target_GetSystemTime_mS_u32_CurrentTime	2563682048		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CtermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	2563682048	2563682048	✔
CtermShutdownTimer_mS_M_u32	2563682048	2563682048	✔
OpModeSts_Cnt_M_u16	10	10	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00350000011	0.00350000011 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.38 (Repeat Count = 1)

Name	Input Value
CtermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	3534665216
CtermShutdownTimer_mS_M_u32	3534665216
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	15
PowerLatchTimeDID191D_Cnt_M_u16	102
Rte_ModeMachine_StaMd9_SystemState9_Mode	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	7
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0

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Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	89.0277023		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	372		
k_CTermOpModeStsTimeout_mS_u16	49169		
k_CTermShutdownTimeout_mS_u16	15912		
k_RampDnRt_UlspmS_f32	0.00150000001		
k_RampUpRtLoSpd_UlspmS_f32	0.00150000001		
k_VehSpdEngOn_Kph_f32	460.510101		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	61504		
target_GetSystemTime_mS_u32_CurrentTime	3534665216		
target_loHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	3534665216	3534665216	✔
CtermShutdownTimer_mS_M_u32	3534665216	3534665216	✔
OpModeSts_Cnt_M_u16	1	1	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00150000001	0.00150000001 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
loHwAb_GetEpsEn	1	loHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.39 (Repeat Count = 1)				
Name		Input Value		
CTermActive_Cnt_M_lgc		1		
ComM_GetCurrentComMode(ComMode)		target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32		2448072960		
CtermShutdownTimer_mS_M_u32		2448072960		
DtrmnElapsedTime_mS_u16(ElapsedTime)		target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)		target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)		target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16		13		
PowerLatchTimeDID191D_Cnt_M_u16		51		
Rte_ModeMachine_StaMd9_SystemState9_Mode		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C		3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop		2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM		13		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts		3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		142.643295		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		1		
StartStopLogicEnable_Cnt_M_lgc		0		
VehPwrMd2msCounter_Cnt_M_u16		284		
k_CTermOpModeStsTimeout_mS_u16		23769		
k_CTermShutdownTimeout_mS_u16		27372		
k_RampDnRt_UlspmS_f32		0.00329999998		
k_RampUpRtLoSpd_UlspmS_f32		0.00329999998		
k_VehSpdEngOn_Kph_f32		303.332611		
target_ComM_GetCurrentComMode_ComMode		1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime		36709		
target_GetSystemTime_mS_u32_CurrentTime		2448072960		
target_IoHwAb_GetEpsEn_signal		0		
Name	Actual Value	Expected Value	Result	
CTermActive_Cnt_M_lgc	0	0	✔	
CtermOpModeStsTimer_mS_M_u32	2448072960	2448072960	✔	
CtermShutdownTimer_mS_M_u32	2448072960	2448072960	✔	

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Name	Actual Value	Expected Value	Result
OpModeSts_Cnt_M_u16	13	13	✓
PowerLatchTimeDID191D_Cnt_M_u16	51	51	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00329999998	0.00329999998 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	51	51	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	285	285	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.40 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CTermOpModeStsTimer_mS_M_u32	2107826176
CTermShutdownTimer_mS_M_u32	2107826176
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	15
PowerLatchTimeDID191D_Cnt_M_u16	234
Rte_ModeMachine_StaMd9_SystemState9_Mode	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	5
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSnCor	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	9
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	44.7630005
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	0
VehPwrMd2msCounter_Cnt_M_u16	0
k_CTermOpModeStsTimeout_mS_u16	50060
k_CTermShutdownTimeout_mS_u16	24653
k_RampDnRt_UlspmS_f32	0.00240000011
k_RampUpRtLoSpd_UlspmS_f32	0.001599999996
k_VehSpdEngOn_Kph_f32	336.367493
target_ComM_GetCurrentComMode_ComMode	1
target_DtrmnElapsedTime_mS_u16_ElapsedTime	17059
target_GetSystemTime_mS_u32_CurrentTime	2107826176
target_IoHwAb_GetEpsEn_signal	1

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✓
CTermOpModeStsTimer_mS_M_u32	2107826176	2107826176	✓
CTermShutdownTimer_mS_M_u32	2107826176	2107826176	✓
OpModeSts_Cnt_M_u16	9	9	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.001599999996	0.001599999996 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

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Test Step 2.41 (Repeat Count = 1) ✓

Name	Input Value		
CTermActive_Cnt_M_Igc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	3996525312		
CtermShutdownTimer_mS_M_u32	3996525312		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	7		
PowerLatchTimeDID191D_Cnt_M_u16	235		
Rte_ModeMachine_StaMd9_SystemState9_Mode	4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	6		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	502.199493		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_Igc	1		
VehPwrMd2msCounter_Cnt_M_u16	500		
k_CTermOpModeStsTimeout_mS_u16	2127		
k_CTermShutdownTimeout_mS_u16	48421		
k_RampDnRt_UlspmS_f32	0.001599999996		
k_RampUpRtLoSpd_UlspmS_f32	0.0037		
k_VehSpdEngOn_Kph_f32	226.5793		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	9957		
target_GetSystemTime_mS_u32_CurrentTime	3996525312		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_Igc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	3996525312	3996525312	✔
CtermShutdownTimer_mS_M_u32	3996525312	3996525312	✔
OpModeSts_Cnt_M_u16	6	6	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.001599999996	0.001599999996 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_Igc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T ✓				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.42 (Repeat Count = 1) ✓

Name	Input Value
CtermActive_Cnt_M_Igc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	4048050688
CtermShutdownTimer_mS_M_u32	4048050688
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	10
PowerLatchTimeDID191D_Cnt_M_u16	23
Rte_ModeMachine_StaMd9_SystemState9_Mode	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrIcor	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2

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Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	145.478806		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	124		
k_CTermOpModeStsTimeout_mS_u16	16243		
k_CTermShutdownTimeout_mS_u16	57259		
k_RampDnRt_UlspmS_f32	0.00139999995		
k_RampUpRtLoSpd_UlspmS_f32	0.00240000011		
k_VehSpdEngOn_Kph_f32	120.090599		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	28713		
target_GetSystemTime_mS_u32_CurrentTime	4048050688		
target_loHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	4048050688	4048050688	✔
CtermShutdownTimer_mS_M_u32	4048050688	4048050688	✔
OpModeSts_Cnt_M_u16	4	4	✔
PowerLatchTimeDID191D_Cnt_M_u16	23	23	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00240000011	0.00240000011 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	23	23	✔
StartStopLogicEnable_Cnt_M_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	125	125	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓	
loHwAb_GetEpsEn	1	loHwAb_GetEpsEn	1	✓	
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓	

Test Step 2.43 (Repeat Count = 1)				
Name		Input Value		
CTermActive_Cnt_M_lgc		0		
ComM_GetCurrentComMode(ComMode)		target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32		430814464		
CtermShutdownTimer_mS_M_u32		430814464		
DtrmnElapsedTime_mS_u16(ElapsedTime)		target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)		target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)		target_loHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16		1		
PowerLatchTimeDID191D_Cnt_M_u16		77		
Rte_ModeMachine_StaMd9_SystemState9_Mode		4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C		7		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop		3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM		4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts		3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		317.08551		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		0		
StartStopLogicEnable_Cnt_M_lgc		0		
VehPwrMd2msCounter_Cnt_M_u16		177		
k_CTermOpModeStsTimeout_mS_u16		14789		
k_CTermShutdownTimeout_mS_u16		0		
k_RampDnRt_UlspmS_f32		0.000399999999		
k_RampUpRtLoSpd_UlspmS_f32		0.0046000001		
k_VehSpdEngOn_Kph_f32		3.0611999		
target_ComM_GetCurrentComMode_ComMode		0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime		57913		
target_GetSystemTime_mS_u32_CurrentTime		430814464		
target_loHwAb_GetEpsEn_signal		1		
Name	Actual Value	Expected Value	Result	
CTermActive Cnt M lgc	0	0		

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Name	Actual Value	Expected Value	Result
CtermOpModeStsTimer_mS_M_u32	430814464	430814464	✓
CtermShutdownTimer_mS_M_u32	430814464	430814464	✓
OpModeSts_Cnt_M_u16	4	4	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_1	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_0	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.000399999999	0.000399999999 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

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T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.45 (Repeat Count = 1)

Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	1949423360		
CtermShutdownTimer_mS_M_u32	1949423360		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	3		
PowerLatchTimeDID191D_Cnt_M_u16	192		
Rte_ModeMachine_StaMd9_SystemState9_Mode	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	15		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	437.234802		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	403		
k_CTermOpModeStsTimeout_mS_u16	62390		
k_CTermShutdownTimeout_mS_u16	38277		
k_RampDnRt_UlspmS_f32	0.00389999989		
k_RampUpRtLoSpd_UlspmS_f32	0.00340000005		
k_VehSpdEngOn_Kph_f32	430.764801		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	40568		
target_GetSystemTime_mS_u32_CurrentTime	1949423360		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	1949423360	1949423360	✔
CtermShutdownTimer_mS_M_u32	1949423360	1949423360	✔
OpModeSts_Cnt_M_u16	15	15	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00389999989	0.00389999989 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.46 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	522534400
CtermShutdownTimer_mS_M_u32	522534400
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime

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Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	12		
PowerLatchTimeDID191D_Cnt_M_u16	233		
Rte_ModeMachine_StaMd9_SystemState9_Mode	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	10		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	163.630402		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	445		
k_CTermOpModeStsTimeout_mS_u16	41613		
k_CTermShutdownTimeout_mS_u16	29996		
k_RampDnRt_UlspmS_f32	0.001399999995		
k_RampUpRtLoSpd_UlspmS_f32	0.00389999989		
k_VehSpdEngOn_Kph_f32	147.533295		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	37954		
target_GetSystemTime_mS_u32_CurrentTime	522534400		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	522534400	522534400	✔
CtermShutdownTimer_mS_M_u32	522534400	522534400	✔
OpModeSts_Cnt_M_u16	10	10	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.001399999995	0.001399999995 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.47 (Repeat Count = 1)	
Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	2426865920
CtermShutdownTimer_mS_M_u32	2426865920
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	3
PowerLatchTimeDID191D_Cnt_M_u16	104
Rte_ModeMachine_StaMd9_SystemState9_Mode	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	408.038788
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	1
VehPwrMd2msCounter_Cnt_M_u16	67
k_CTermOpModeStsTimeout_mS_u16	57477

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Name	Input Value		
k_CTermShutdownTimeout_mS_u16	49152		
k_RampDnRt_UlspmS_f32	0.002300000005		
k_RampUpRtLoSpd_UlspmS_f32	0.002400000011		
k_VehSpdEngOn_Kph_f32	143.167099		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	5503		
target_GetSystemTime_mS_u32_CurrentTime	2426865920		
target_loHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✓
CtermOpModeStsTimer_mS_M_u32	2426865920	2426865920	✓
CtermShutdownTimer_mS_M_u32	2426865920	2426865920	✓
OpModeSts_Cnt_M_u16	2	2	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.002300000005	0.002300000005 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.48 (Repeat Count = 1)

Name	Input Value		
CTermActive_Cnt_M_lgc	1		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	1830144768		
CtermShutdownTimer_mS_M_u32	1830144768		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	15		
PowerLatchTimeDID191D_Cnt_M_u16	0		
Rte_ModeMachine_StaMd9_SystemState9_Mode	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIqnSts_C	7		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	7		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	153.916504		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	319		
k_CTermOpModeStsTimeout_mS_u16	12692		
k_CTermShutdownTimeout_mS_u16	53528		
k_RampDnRt_UlspmS_f32	0.001000000005		
k_RampUpRtLoSpd_UlspmS_f32	0.0001999999995		
k_VehSpdEngOn_Kph_f32	0		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	25614		
target_GetSystemTime_mS_u32_CurrentTime	1830144768		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	1830144768	1830144768	✔
CtermShutdownTimer_mS_M_u32	1830144768	1830144768	✔
OpModeSts_Cnt_M_u16	7	7	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.001000000005	0.001000000005 ± 0.00390625	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

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Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.49 (Repeat Count = 1)

Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	3846791680		
CtermShutdownTimer_mS_M_u32	3846791680		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	13		
PowerLatchTimeDID191D_Cnt_M_u16	3		
Rte_ModeMachine_StaMd9_SystemState9_Mode	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrIcor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	11		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	37.3070984		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	379		
k_CTermOpModeStsTimeout_mS_u16	46917		
k_CTermShutdownTimeout_mS_u16	49777		
k_RampDnRt_UlspmS_f32	0.00359999994		
k_RampUpRtLoSpd_UlspmS_f32	0.00170000002		
k_VehSpdEngOn_Kph_f32	512		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	12110		
target_GetSystemTime_mS_u32_CurrentTime	3846791680		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	3846791680	3846791680	✔
CtermShutdownTimer_mS_M_u32	3846791680	3846791680	✔
OpModeSts_Cnt_M_u16	11	11	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00359999994	0.00359999994 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

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Test Step 2.50 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	1808440576
CtermShutdownTimer_mS_M_u32	1808440576
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	0
PowerLatchTimeDID191D_Cnt_M_u16	131
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	6
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrIcor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	253.092804
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	0
VehPwrMd2msCounter_Cnt_M_u16	446
k_CTermOpModeStsTimeout_mS_u16	30573
k_CTermShutdownTimeout_mS_u16	30913
k_RampDnRt_UlspmS_f32	0.002600000001
k_RampUpRtLoSpd_UlspmS_f32	0.0006000000028
k_VehSpdEngOn_Kph_f32	463.963013
target_ComM_GetCurrentComMode_ComMode	2
target_DtrmnElapsedTime_mS_u16_ElapsedTime	49387
target_GetSystemTime_mS_u32_CurrentTime	1808440576
target_IoHwAb_GetEpsEn_signal	1

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✓
CtermOpModeStsTimer_mS_M_u32	1808440576	1808440576	✓
CtermShutdownTimer_mS_M_u32	1808440576	1808440576	✓
OpModeSts_Cnt_M_u16	4	4	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.0006000000028	0.0006000000028 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.51 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	522534400
CtermShutdownTimer_mS_M_u32	522534400
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	3
PowerLatchTimeDID191D_Cnt_M_u16	94
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	5
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrIcor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	1

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Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	163.630402		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	137		
k_CTermOpModeStsTimeout_mS_u16	41613		
k_CTermShutdownTimeout_mS_u16	29996		
k_RampDnRt_UlspmS_f32	0.00159999996		
k_RampUpRtLoSpd_UlspmS_f32	0.0013		
k_VehSpdEngOn_Kph_f32	5		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	5503		
target_GetSystemTime_mS_u32_CurrentTime	522534400		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	522534400	522534400	✔
CtermShutdownTimer_mS_M_u32	522534400	522534400	✔
OpModeSts_Cnt_M_u16	1	1	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00159999996	0.00159999996 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓	
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓	
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓	
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓	

Test Step 2.52 (Repeat Count = 1)				
Name		Input Value		
CTermActive_Cnt_M_lgc		1		
ComM_GetCurrentComMode(ComMode)		target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32		2062740480		
CtermShutdownTimer_mS_M_u32		2062740480		
DtrmnElapsedTime_mS_u16(ElapsedTime)		target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)		target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)		target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16		3		
PowerLatchTimeDID191D_Cnt_M_u16		29		
Rte_ModeMachine_StaMd9_SystemState9_Mode		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrCor		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM		8		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		232.300797		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		1		
StartStopLogicEnable_Cnt_M_lgc		0		
VehPwrMd2msCounter_Cnt_M_u16		356		
k_CTermOpModeStsTimeout_mS_u16		0		
k_CTermShutdownTimeout_mS_u16		9918		
k_RampDnRt_UlspmS_f32		0.00430000015		
k_RampUpRtLoSpd_UlspmS_f32		0.00329999998		
k_VehSpdEngOn_Kph_f32		161.252197		
target_ComM_GetCurrentComMode_ComMode		1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime		41472		
target_GetSystemTime_mS_u32_CurrentTime		2062740480		
target_IoHwAb_GetEpsEn_signal		1		
Name	Actual Value	Expected Value	Result	
CTermActive Cnt M lgc	1	1		

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Name	Actual Value	Expected Value	Result
CtermOpModeStsTimer_mS_M_u32	2062740480	2062740480	✓
CtermShutdownTimer_mS_M_u32	2062740480	2062740480	✓
OpModeSts_Cnt_M_u16	8	8	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00329999998	0.00329999998 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.53 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	360054528
CtermShutdownTimer_mS_M_u32	360054528
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	11
PowerLatchTimeDID191D_Cnt_M_u16	203
Rte_ModeMachine_StaMd9_SystemState9_Mode	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	7
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	306.669006
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0
StartStopLogicEnable_Cnt_M_lgc	0
VehPwrMd2msCounter_Cnt_M_u16	425
k_CtermOpModeStsTimeout_mS_u16	65535
k_CtermShutdownTimeout_mS_u16	23044
k_RampDnRt_UlspmS_f32	0.0006999999975
k_RampUpRtLoSpd_UlspmS_f32	0.002199999999
k_VehSpdEngOn_Kph_f32	493.441101
target_ComM_GetCurrentComMode_ComMode	0
target_DtrmnElapsedTime_mS_u16_ElapsedTime	60669
target_GetSystemTime_mS_u32_CurrentTime	360054528
target_IoHwAb_GetEpsEn_signal	1

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✓
CtermOpModeStsTimer_mS_M_u32	360054528	360054528	✓
CtermShutdownTimer_mS_M_u32	360054528	360054528	✓
OpModeSts_Cnt_M_u16	7	7	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.0006999999975	0.0006999999975 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

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T					✓
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1		✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1		✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1		✓

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Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	10		
PowerLatchTimeDID191D_Cnt_M_u16	0		
Rte_ModeMachine_StaMd9_SystemState9_Mode	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	5		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	9		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	163.260101		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	485		
k_CTermOpModeStsTimeout_mS_u16	24337		
k_CTermShutdownTimeout_mS_u16	42029		
k_RampDnRt_UlspmS_f32	0.00260000001		
k_RampUpRtLoSpd_UlspmS_f32	0.00230000005		
k_VehSpdEngOn_Kph_f32	434.200592		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	9330		
target_GetSystemTime_mS_u32_CurrentTime	3964432640		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	3964432640	3964432640	✔
CtermShutdownTimer_mS_M_u32	3964432640	3964432640	✔
OpModeSts_Cnt_M_u16	9	9	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00230000005	0.00230000005 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.56 (Repeat Count = 1)	
Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	4189941760
CtermShutdownTimer_mS_M_u32	4189941760
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	12
PowerLatchTimeDID191D_Cnt_M_u16	255
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	6
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	69.581398
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0
StartStopLogicEnable_Cnt_M_lgc	1
VehPwrMd2msCounter_Cnt_M_u16	40
k_CTermOpModeStsTimeout_mS_u16	32295
k_CTermShutdownTimeout_mS_u16	31691

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Name	Input Value		
k_RampDnRt_UlspmS_f32	0.00340000005		
k_RampUpRtLoSpd_UlspmS_f32	0.0046000001		
k_VehSpdEngOn_Kph_f32	98.0047989		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	31420		
target_GetSystemTime_mS_u32_CurrentTime	4189941760		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	4189941760	4189941760	✔
CtermShutdownTimer_mS_M_u32	4189941760	4189941760	✔
OpModeSts_Cnt_M_u16	6	6	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00340000005	0.00340000005 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T	Actual Function	Count	Expected Function	Count	Result
	GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
	IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
	ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
	DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.57 (Repeat Count = 1)				
Name		Input Value		
CTermActive_Cnt_M_lgc		0		
ComM_GetCurrentComMode(ComMode)		target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32		3626398464		
CtermShutdownTimer_mS_M_u32		3626398464		
DtrmnElapsedTime_mS_u16(ElapsedTime)		target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)		target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)		target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16		3		
PowerLatchTimeDID191D_Cnt_M_u16		2		
Rte_ModeMachine_StaMd9_SystemState9_Mode		4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM		12		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		167.729797		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		0		
StartStopLogicEnable_Cnt_M_lgc		0		
VehPwrMd2msCounter_Cnt_M_u16		271		
k_CTermOpModeStsTimeout_mS_u16		38081		
k_CTermShutdownTimeout_mS_u16		5356		
k_RampDnRt_UlspmS_f32		0.001099999999		
k_RampUpRtLoSpd_UlspmS_f32		0.004699999993		
k_VehSpdEngOn_Kph_f32		135.354294		
target_ComM_GetCurrentComMode_ComMode		1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime		39128		
target_GetSystemTime_mS_u32_CurrentTime		3626398464		
target_IoHwAb_GetEpsEn_signal		1		
Name	Actual Value	Expected Value	Result	
CTermActive_Cnt_M_lgc	0	0		
CtermOpModeStsTimer_mS_M_u32	3626398464	3626398464		
CtermShutdownTimer_mS_M_u32	3626398464	3626398464		
OpModeSts_Cnt_M_u16	12	12		
PowerLatchTimeDID191D_Cnt_M_u16	0	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.001099999999	0.001099999999 ± 0.00390625		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625		

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.58 (Repeat Count = 1)

Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	1808440576		
CtermShutdownTimer_mS_M_u32	414673408		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	10		
PowerLatchTimeDID191D_Cnt_M_u16	137		
Rte_ModeMachine_StaMd9_SystemState9_Mode	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	6		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	37.3070984		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	257		
k_CTermOpModeStsTimeout_mS_u16	24337		
k_CTermShutdownTimeout_mS_u16	49777		
k_RampDnRt_UlspmS_f32	0.0013		
k_RampUpRtLoSpd_UlspmS_f32	0.00400000019		
k_VehSpdEngOn_Kph_f32	25.5790005		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	49387		
target_GetSystemTime_mS_u32_CurrentTime	1808440576		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	1808440576	1808440576	✔
CtermShutdownTimer_mS_M_u32	1808440576	1808440576	✔
OpModeSts_Cnt_M_u16	4	4	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.0013	0.0013 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

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Test Step 2.59 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	2062740480
CtermShutdownTimer_mS_M_u32	4087383296
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	11
PowerLatchTimeDID191D_Cnt_M_u16	111
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	7
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrIcor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	12
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_3	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	253.092804
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	1
VehPwrMd2msCounter_Cnt_M_u16	465
k_CTermOpModeStsTimeout_mS_u16	32295
k_CTermShutdownTimeout_mS_u16	30913
k_RampDnRt_UlspmS_f32	0.000399999999
k_RampUpRtLoSpd_UlspmS_f32	0.003500000011
k_VehSpdEngOn_Kph_f32	198.518204
target_ComM_GetCurrentComMode_ComMode	1
target_DtrmnElapsedTime_mS_u16_ElapsedTime	41472
target_GetSystemTime_mS_u32_CurrentTime	2062740480
target_IoHwAb_GetEpsEn_signal	1

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✓
CtermOpModeStsTimer_mS_M_u32	2062740480	2062740480	✓
CtermShutdownTimer_mS_M_u32	2062740480	2062740480	✓
OpModeSts_Cnt_M_u16	12	12	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.003500000011	0.003500000011 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.60 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	360054528
CtermShutdownTimer_mS_M_u32	0
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	10
PowerLatchTimeDID191D_Cnt_M_u16	167
Rte_ModeMachine_StaMd9_SystemState9_Mode	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	5
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrIcor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	2

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Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_2	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	232.300797		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	428		
k_CTermOpModeStsTimeout_mS_u16	38081		
k_CTermShutdownTimeout_mS_u16	9918		
k_RampDnRt_UlspmS_f32	0.00100000005		
k_RampUpRtLoSpd_UlspmS_f32	0.00319999992		
k_VehSpdEngOn_Kph_f32	4.03730011		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	60669		
target_GetSystemTime_mS_u32_CurrentTime	360054528		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	360054528	360054528	✔
CtermShutdownTimer_mS_M_u32	360054528	360054528	✔
OpModeSts_Cnt_M_u16	2	2	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00100000005	0.00100000005 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓	
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓	
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓	
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓	

Test Step 2.61 (Repeat Count = 1)				
Name		Input Value		
CTermActive_Cnt_M_lgc		1		
ComM_GetCurrentComMode(ComMode)		target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32		414673408		
CtermShutdownTimer_mS_M_u32		414673408		
DtrmnElapsedTime_mS_u16(ElapsedTime)		target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)		target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)		target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16		0		
PowerLatchTimeDID191D_Cnt_M_u16		226		
Rte_ModeMachine_StaMd9_SystemState9_Mode		2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrCor		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en		2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM		4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		389.885315		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		1		
StartStopLogicEnable_Cnt_M_lgc		1		
VehPwrMd2msCounter_Cnt_M_u16		152		
k_CTermOpModeStsTimeout_mS_u16		25949		
k_CTermShutdownTimeout_mS_u16		55701		
k_RampDnRt_UlspmS_f32		0.00240000011		
k_RampUpRtLoSpd_UlspmS_f32		0.00490000006		
k_VehSpdEngOn_Kph_f32		486.018005		
target_ComM_GetCurrentComMode_ComMode		0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime		52111		
target_GetSystemTime_mS_u32_CurrentTime		414673408		
target_IoHwAb_GetEpsEn_signal		0		
Name	Actual Value	Expected Value	Result	
CTermActive Cnt M lgc	0	0		

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Name	Actual Value	Expected Value	Result
CtermOpModeStsTimer_mS_M_u32	414673408	414673408	✓
CtermShutdownTimer_mS_M_u32	414673408	414673408	✓
OpModeSts_Cnt_M_u16	4	4	✓
PowerLatchTimeDID191D_Cnt_M_u16	226	226	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00240000011	0.00240000011 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	226	226	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	153	153	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.62 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	4087383296
CtermShutdownTimer_mS_M_u32	4087383296
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	15
PowerLatchTimeDID191D_Cnt_M_u16	174
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	9
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	321.851593
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0
StartStopLogicEnable_Cnt_M_lgc	0
VehPwrMd2msCounter_Cnt_M_u16	27
k_CTermOpModeStsTimeout_mS_u16	26181
k_CTermShutdownTimeout_mS_u16	2934
k_RampDnRt_UlspmS_f32	0.00350000011
k_RampUpRtLoSpd_UlspmS_f32	0.000300000014
k_VehSpdEngOn_Kph_f32	274.891205
target_ComM_GetCurrentComMode_ComMode	0
target_DtrmnElapsedTime_mS_u16_ElapsedTime	48198
target_GetSystemTime_mS_u32_CurrentTime	4087383296
target_IoHwAb_GetEpsEn_signal	1

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✓
CtermOpModeStsTimer_mS_M_u32	4087383296	4087383296	✓
CtermShutdownTimer_mS_M_u32	4087383296	4087383296	✓
OpModeSts_Cnt_M_u16	9	9	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00350000011	0.00350000011 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

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Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.63 (Repeat Count = 1)

Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	0		
CtermShutdownTimer_mS_M_u32	0		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	1		
PowerLatchTimeDID191D_Cnt_M_u16	71		
Rte_ModeMachine_StaMd9_SystemState9_Mode	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	10		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	424.590393		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	468		
k_CTermOpModeStsTimeout_mS_u16	42169		
k_CTermShutdownTimeout_mS_u16	13476		
k_RampDnRt_UlspmS_f32	0.00100000005		
k_RampUpRtLoSpd_UlspmS_f32	0.001599999996		
k_VehSpdEngOn_Kph_f32	328.941895		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	58740		
target_GetSystemTime_mS_u32_CurrentTime	0		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	0	0	✔
CtermShutdownTimer_mS_M_u32	0	0	✔
OpModeSts_Cnt_M_u16	10	10	✔
PowerLatchTimeDID191D_Cnt_M_u16	71	71	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00100000005	0.00100000005 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	71	71	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	469	469	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.64 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CTermOpModeStsTimer_mS_M_u32	4294967295
CTermShutdownTimer_mS_M_u32	4294967295
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime

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Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	0		
PowerLatchTimeDID191D_Cnt_M_u16	131		
Rte_ModeMachine_StaMd9_SystemState9_Mode	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	5		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	284.209106		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	34		
k_CTermOpModeStsTimeout_mS_u16	57029		
k_CTermShutdownTimeout_mS_u16	7483		
k_RampDnRt_UlspmS_f32	0.0046000001		
k_RampUpRtLoSpd_UlspmS_f32	0.00179999997		
k_VehSpdEngOn_Kph_f32	234.8871		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	54413		
target_GetSystemTime_mS_u32_CurrentTime	4294967295		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	4294967295	4294967295	✔
CtermShutdownTimer_mS_M_u32	4294967295	4294967295	✔
OpModeSts_Cnt_M_u16	5	5	✔
PowerLatchTimeDID191D_Cnt_M_u16	131	131	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.0046000001	0.0046000001 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	131	131	✔
StartStopLogicEnable_Cnt_M_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	35	35	✔

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Name	Input Value		
k_CTermShutdownTimeout_mS_u16	38931		
k_RampDnRt_UlspmS_f32	0.002099999993		
k_RampUpRtLoSpd_UlspmS_f32	0.004300000015		
k_VehSpdEngOn_Kph_f32	505.075012		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	5341		
target_GetSystemTime_mS_u32_CurrentTime	3935801600		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✓
CtermOpModeStsTimer_mS_M_u32	3935801600	3935801600	✓
CtermShutdownTimer_mS_M_u32	3935801600	3935801600	✓
OpModeSts_Cnt_M_u16	9	9	✓
PowerLatchTimeDID191D_Cnt_M_u16	136	136	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_0	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_1	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.004300000015	0.004300000015 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	136	136	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	140	140	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.66 (Repeat Count = 1)

Name	Input Value		
CTermActive_Cnt_M_lgc	1		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	2480027648		
CtermShutdownTimer_mS_M_u32	2480027648		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	15		
PowerLatchTimeDID191D_Cnt_M_u16	124		
Rte_ModeMachine_StaMd9_SystemState9_Mode	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrCor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	97.5723038		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	442		
k_CTermOpModeStsTimeout_mS_u16	59295		
k_CTermShutdownTimeout_mS_u16	63929		
k_RampDnRt_UlspmS_f32	0.00279999999		
k_RampUpRtLoSpd_UlspmS_f32	0.00430000015		
k_VehSpdEngOn_Kph_f32	384.685913		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	39704		
target_GetSystemTime_mS_u32_CurrentTime	2480027648		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	2480027648	2480027648	✔
CtermShutdownTimer_mS_M_u32	2480027648	2480027648	✔
OpModeSts_Cnt_M_u16	0	0	✔
PowerLatchTimeDID191D_Cnt_M_u16	124	124	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00279999999	0.00279999999 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	124	124	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	443	443	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.67 (Repeat Count = 1)

Name	Input Value		
CTermActive_Cnt_M_lgc	1		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	923278080		
CtermShutdownTimer_mS_M_u32	923278080		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	4		
PowerLatchTimeDID191D_Cnt_M_u16	163		
Rte_ModeMachine_StaMd9_SystemState9_Mode	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	10		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	462.723389		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	191		
k_CTermOpModeStsTimeout_mS_u16	50296		
k_CTermShutdownTimeout_mS_u16	3649		
k_RampDnRt_UlspmS_f32	0.0027999999		
k_RampUpRtLoSpd_UlspmS_f32	0.0013		
k_VehSpdEngOn_Kph_f32	153.373993		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	58084		
target_GetSystemTime_mS_u32_CurrentTime	923278080		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	923278080	923278080	✔
CtermShutdownTimer_mS_M_u32	923278080	923278080	✔
OpModeSts_Cnt_M_u16	10	10	✔
PowerLatchTimeDID191D_Cnt_M_u16	163	163	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.0013	0.0013 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	163	163	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	192	192	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.68 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	0

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Name	Input Value		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	4105335296		
CtermShutdownTimer_mS_M_u32	4105335296		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	3		
PowerLatchTimeDID191D_Cnt_M_u16	28		
Rte_ModeMachine_StaMd9_SystemState9_Mode	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	6		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	15		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	163.432495		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	438		
k_CTermOpModeStsTimeout_mS_u16	4570		
k_CTermShutdownTimeout_mS_u16	5173		
k_RampDnRt_UlspmS_f32	0.000199999995		
k_RampUpRtLoSpd_UlspmS_f32	0.0037		
k_VehSpdEngOn_Kph_f32	223.588196		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	27662		
target_GetSystemTime_mS_u32_CurrentTime	4105335296		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CtermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	4105335296	4105335296	✔
CtermShutdownTimer_mS_M_u32	4105335296	4105335296	✔
OpModeSts_Cnt_M_u16	15	15	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.000199999995	0.000199999995 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.69 (Repeat Count = 1)	
Name	Input Value
CtermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	4124011776
CtermShutdownTimer_mS_M_u32	4124011776
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	10
PowerLatchTimeDID191D_Cnt_M_u16	246
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	5
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	6
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	308.05069

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Name	Input Value			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0			
StartStopLogicEnable_Cnt_M_lgc	0			
VehPwrMd2msCounter_Cnt_M_u16	269			
k_CTermOpModeStsTimeout_mS_u16	11759			
k_CTermShutdownTimeout_mS_u16	26549			
k_RampDnRt_UlspmS_f32	0.00039999999			
k_RampUpRtLoSpd_UlspmS_f32	0.00109999999			
k_VehSpdEngOn_Kph_f32	276.0849			
target_ComM_GetCurrentComMode_ComMode	0			
target_DtrmnElapsedTime_mS_u16_ElapsedTime	0			
target_GetSystemTime_mS_u32_CurrentTime	4124011776			
target_loHwAb_GetEpsEn_signal	1			
Name	Actual Value	Expected Value	Result	
CTermActive_Cnt_M_lgc	1	1	✓	
CtermOpModeStsTimer_mS_M_u32	4124011776	4124011776	✓	
CtermShutdownTimer_mS_M_u32	4124011776	4124011776	✓	
OpModeSts_Cnt_M_u16	6	6	✓	
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00109999999	0.00109999999 ± 0.00390625	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓	
StartStopLogicEnable_Cnt_M_lgc	1	1	✓	
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓	

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
loHwAb_GetEpsEn	1	loHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.70 (Repeat Count = 1)				
Name	Input Value			
CTermActive_Cnt_M_lgc	1			
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode			
CtermOpModeStsTimer_mS_M_u32	3022289920			
CtermShutdownTimer_mS_M_u32	3022289920			
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime			
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime			
loHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_signal			
OpModeSts_Cnt_M_u16	5			
PowerLatchTimeDID191D_Cnt_M_u16	0			
Rte_ModeMachine_StaMd9_SystemState9_Mode	2			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	6			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrCor	1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	10			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	306.390106			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0			
StartStopLogicEnable_Cnt_M_lgc	0			
VehPwrMd2msCounter_Cnt_M_u16	413			
k_CTermOpModeStsTimeout_mS_u16	48380			
k_CTermShutdownTimeout_mS_u16	44322			
k_RampDnRt_UlspmS_f32	0.000899999985			
k_RampUpRtLoSpd_UlspmS_f32	0.00150000001			
k_VehSpdEngOn_Kph_f32	201.047699			
target_ComM_GetCurrentComMode_ComMode	0			
target_DtrmnElapsedTime_mS_u16_ElapsedTime	65535			
target_GetSystemTime_mS_u32_CurrentTime	3022289920			
target_loHwAb_GetEpsEn_signal	1			
Name	Actual Value	Expected Value	Result	
CTermActive_Cnt_M_lgc	1	1	✓	
CtermOpModeStsTimer_mS_M_u32	3022289920	3022289920	✓	
CtermShutdownTimer_mS_M_u32	3022289920	3022289920	✓	
OpModeSts_Cnt_M_u16	10	10	✓	

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Name	Actual Value	Expected Value	Result
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00150000001	0.00150000001 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 2.71 (Repeat Count = 1)

Name	Input Value
CtermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	3827388160
CtermShutdownTimer_mS_M_u32	3827388160
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	0
PowerLatchTimeDID191D_Cnt_M_u16	108
Rte_ModeMachine_StaMd9_SystemState9_Mode	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	6
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	393.488098
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0
StartStopLogicEnable_Cnt_M_lgc	1
VehPwrMd2msCounter_Cnt_M_u16	483
k_CtermOpModeStsTimeout_mS_u16	38384
k_CtermShutdownTimeout_mS_u16	52502
k_RampDnRt_UlspmS_f32	0.00200000009
k_RampUpRtLoSpd_UlspmS_f32	0.00400000019
k_VehSpdEngOn_Kph_f32	317.390991
target_ComM_GetCurrentComMode_ComMode	0
target_DtrmnElapsedTime_mS_u16_ElapsedTime	19914
target_GetSystemTime_mS_u32_CurrentTime	3827388160
target_IoHwAb_GetEpsEn_signal	1

Name	Actual Value	Expected Value	Result
CtermActive_Cnt_M_lgc	0	0	✓
CtermOpModeStsTimer_mS_M_u32	3827388160	3827388160	✓
CtermShutdownTimer_mS_M_u32	3827388160	3827388160	✓
OpModeSts_Cnt_M_u16	6	6	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00200000009	0.00200000009 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓



Test Case 3: Path Test





Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:
	TS3.1 2207.00 Cycles
	TS3.2 1579.00 Cycles
	TS3.3 2347.00 Cycles
	TS3.4 1632.00 Cycles
	TS3.5 2242.00 Cycles
	TS3.6 2202.00 Cycles
	TS3.7 1673.00 Cycles
	TS3.8 2304.00 Cycles
	TS3.9 2256.00 Cycles
	TS3.10 2181.00 Cycles
	TS3.11 2163.00 Cycles
	TS3.12 2213.00 Cycles
	TS3.13 2204.00 Cycles
	TS3.14 2253.00 Cycles
	TS3.15 2182.00 Cycles
	TS3.16 2190.00 Cycles
	TS3.17 1660.00 Cycles
	TS3.18 2143.00 Cycles
	TS3.19 2283.00 Cycles
	TS3.20 2123.00 Cycles
	TS3.21 2123.00 Cycles

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Description	Vector Description: TS3.1"((OpModeSts_Cnt_T_U16 != D_IGNONENGON_CNT_U16) (OpModeSts_Cnt_T_U16 != OpModeSts_Cnt_M_u16))==>True (TRUE == EngONSrlComSvcDft_Cnt_T_lgc)==>False (VehPwrMd2msCounter_Cnt_M_u16 < 500u)==>True ((TRUE == EPSEn_Cnt_T_lgc)==>False ((MEC_Cnt_T_enum == ProductionMode)==>True && (ComM_ModeStatus_T_Enum != COMM_NO_COMMUNICATION)==>False)) ((INTInfoActive_Cnt_T_lgc == FALSE)==>True
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(PowerLatchTimeDID191D_Cnt_M_u16 >= 255u)==>False"
TS3.21(PowerLatchTimeDID191D_Cnt_M_u16 >= 255u)==>True

Test Step 3.1 (Repeat Count = 1) ✓

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	0
CtermShutdownTimer_mS_M_u32	0
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	0
PowerLatchTimeDID191D_Cnt_M_u16	0
Rte_ModeMachine_StaMd9_SystemState9_Mode	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0
StartStopLogicEnable_Cnt_M_lgc	0
VehPwrMd2msCounter_Cnt_M_u16	0
k_CTermOpModeStsTimeout_mS_u16	0
k_CTermShutdownTimeout_mS_u16	0
k_RampDnRt_UlspmS_f32	9.99999975e-005
k_RampUpRtLoSpd_UlspmS_f32	9.99999975e-005
k_VehSpdEngOn_Kph_f32	0
target_ComM_GetCurrentComMode_ComMode	0
target_DtrmnElapsedTime_mS_u16_ElapsedTime	0
target_GetSystemTime_mS_u32_CurrentTime	0
target_IoHwAb_GetEpsEn_signal	0

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✓
CtermOpModeStsTimer_mS_M_u32	0	0	✓
CtermShutdownTimer_mS_M_u32	0	0	✓
OpModeSts_Cnt_M_u16	0	0	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	9.99999975e-005	9.99999975e-005 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	1	1	✓

T ✓

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.2 (Repeat Count = 1) ✓

Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	4294967295
CtermShutdownTimer_mS_M_u32	4294967295
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	CtermShutdownTimer_mS_M_u32
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	15
PowerLatchTimeDID191D_Cnt_M_u16	255
Rte_ModeMachine_StaMd9_SystemState9_Mode	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	7
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3

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Name	Input Value			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	15			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	3			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	512			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1			
StartStopLogicEnable_Cnt_M_lgc	1			
VehPwrMd2msCounter_Cnt_M_u16	500			
k_CTermOpModeStsTimeout_mS_u16	65535			
k_CTermShutdownTimeout_mS_u16	65535			
k_RampDnRt_UlspmS_f32	0.00499999989			
k_RampUpRtLoSpd_UlspmS_f32	0.00499999989			
k_VehSpdEngOn_Kph_f32	512			
target_ComM_GetCurrentComMode_ComMode	2			
target_DtrmnElapsedTime_mS_u16_ElapsedTime	65535			
target_GetSystemTime_mS_u32_CurrentTime	0			
target_IoHwAb_GetEpsEn_signal	1			
Name	Actual Value	Expected Value	Result	
CtermActive_Cnt_M_lgc	1	1	✓	
CtermOpModeStsTimer_mS_M_u32	4294967295	4294967295	✓	
CtermShutdownTimer_mS_M_u32	4294967295	4294967295	✓	
OpModeSts_Cnt_M_u16	15	15	✓	
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00499999989	0.00499999989 ± 0.00390625	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓	
StartStopLogicEnable_Cnt_M_lgc	1	1	✓	
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓	

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

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Test Step 3.3 (Repeat Count = 1) ✓

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	2547440384
CtermShutdownTimer_mS_M_u32	2547440384
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	12
PowerLatchTimeDID191D_Cnt_M_u16	127
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrIcor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	423.002289
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	0
VehPwrMd2msCounter_Cnt_M_u16	499
k_CTermOpModeStsTimeout_mS_u16	10944
k_CTermShutdownTimeout_mS_u16	47796
k_RampDnRt_UlspmS_f32	0.00240000011
k_RampUpRtLoSpd_UlspmS_f32	0.00240000011
k_VehSpdEngOn_Kph_f32	421.034912
target_ComM_GetCurrentComMode_ComMode	1
target_DtrmnElapsedTime_mS_u16_ElapsedTime	17062
target_GetSystemTime_mS_u32_CurrentTime	2547440384
target_IoHwAb_GetEpsEn_signal	1

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✓
CtermOpModeStsTimer_mS_M_u32	2547440384	2547440384	✓
CtermShutdownTimer_mS_M_u32	2547440384	2547440384	✓
OpModeSts_Cnt_M_u16	1	1	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00240000011	0.00240000011 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T ✓

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.4 (Repeat Count = 1) ✓

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	2101752320
CtermShutdownTimer_mS_M_u32	2101752320
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	1
PowerLatchTimeDID191D_Cnt_M_u16	173
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrIcor	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	6

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Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	368.745911		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	149		
k_CTermOpModeStsTimeout_mS_u16	61952		
k_CTermShutdownTimeout_mS_u16	18909		
k_RampDnRt_UlspmS_f32	0.00329999998		
k_RampUpRtLoSpd_UlspmS_f32	0.00190000003		
k_VehSpdEngOn_Kph_f32	41.1517982		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	51142		
target_GetSystemTime_mS_u32_CurrentTime	2101752320		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	2101752320	2101752320	✔
CtermShutdownTimer_mS_M_u32	2101752320	2101752320	✔
OpModeSts_Cnt_M_u16	6	6	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00190000003	0.00190000003 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 3.5 (Repeat Count = 1)				
Name		Input Value		
CTermActive_Cnt_M_lgc		0		
ComM_GetCurrentComMode(ComMode)		target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32		2270575616		
CtermShutdownTimer_mS_M_u32		2270575616		
DtrmnElapsedTime_mS_u16(ElapsedTime)		target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)		target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)		target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16		5		
PowerLatchTimeDID191D_Cnt_M_u16		102		
Rte_ModeMachine_StaMd9_SystemState9_Mode		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C		4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrIcor		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM		5		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		114.150703		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		1		
StartStopLogicEnable_Cnt_M_lgc		1		
VehPwrMd2msCounter_Cnt_M_u16		368		
k_CTermOpModeStsTimeout_mS_u16		62544		
k_CTermShutdownTimeout_mS_u16		46600		
k_RampDnRt_UlspmS_f32		0.00340000005		
k_RampUpRtLoSpd_UlspmS_f32		0.002899999996		
k_VehSpdEngOn_Kph_f32		61.4309998		
target_ComM_GetCurrentComMode_ComMode		0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime		43702		
target_GetSystemTime_mS_u32_CurrentTime		2270575616		
target_IoHwAb_GetEpsEn_signal		1		
Name	Actual Value	Expected Value	Result	
CTermActive_Cnt_M_lgc	0	0		
CtermOpModeStsTimer_mS_M_u32	2270575616	2270575616		

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Name	Actual Value	Expected Value	Result
CtermShutdownTimer_mS_M_u32	2270575616	2270575616	✓
OpModeSts_Cnt_M_u16	5	5	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00340000005	0.00340000005 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.6 (Repeat Count = 1)

Name	Input Value		
CtermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	1636568832		
CtermShutdownTimer_mS_M_u32	1636568832		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	7		
PowerLatchTimeDID191D_Cnt_M_u16	239		
Rte_ModeMachine_StaMd9_SystemState9_Mode	4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	6		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	182.662292		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	500		
k_CTermOpModeStsTimeout_mS_u16	61173		
k_CTermShutdownTimeout_mS_u16	31077		
k_RampDnRt_UlspmS_f32	0.000899999985		
k_RampUpRtLoSpd_UlspmS_f32	0.004300000015		
k_VehSpdEngOn_Kph_f32	48.4122009		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	20506		
target_GetSystemTime_mS_u32_CurrentTime	1636568832		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CtermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	1636568832	1636568832	✔
CtermShutdownTimer_mS_M_u32	1636568832	1636568832	✔
OpModeSts_Cnt_M_u16	4	4	✔
PowerLatchTimeDID191D_Cnt_M_u16	239	239	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.000899999985	0.000899999985 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	239	239	✔
StartStopLogicEnable_Cnt_M_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

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T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.7 (Repeat Count = 1)

Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CTermOpModeStsTimer_mS_M_u32	1627798016		
CTermShutdownTimer_mS_M_u32	1627798016		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	13		
PowerLatchTimeDID191D_Cnt_M_u16	55		
Rte_ModeMachine_StaMd9_SystemState9_Mode	4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	8		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	323.187805		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	153		
k_CTermOpModeStsTimeout_mS_u16	63578		
k_CTermShutdownTimeout_mS_u16	60851		
k_RampDnRt_UlspmS_f32	0.0013		
k_RampUpRtLoSpd_UlspmS_f32	0.000199999995		
k_VehSpdEngOn_Kph_f32	463.990204		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	17465		
target_GetSystemTime_mS_u32_CurrentTime	1627798016		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✔
CTermOpModeStsTimer_mS_M_u32	1627798016	1627798016	✔
CTermShutdownTimer_mS_M_u32	1627798016	1627798016	✔
OpModeSts_Cnt_M_u16	8	8	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.000199999995	0.000199999995 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 3.8 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CTermOpModeStsTimer_mS_M_u32	3303762176
CTermShutdownTimer_mS_M_u32	3303762176
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime

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Name	Input Value		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	7		
PowerLatchTimeDID191D_Cnt_M_u16	160		
Rte_ModeMachine_StaMd9_SystemState9_Mode	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	8		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_1	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	127.256302		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	337		
k_CTermOpModeStsTimeout_mS_u16	22238		
k_CTermShutdownTimeout_mS_u16	31750		
k_RampDnRt_UlspmS_f32	0.002899999996		
k_RampUpRtLoSpd_UlspmS_f32	0.003199999992		
k_VehSpdEngOn_Kph_f32	122.675598		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	30701		
target_GetSystemTime_mS_u32_CurrentTime	3303762176		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	3303762176	3303762176	✔
CtermShutdownTimer_mS_M_u32	3303762176	3303762176	✔
OpModeSts_Cnt_M_u16	8	8	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_1	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_1	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.003199999992	0.003199999992 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.9 (Repeat Count = 1)	
Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	1653817856
CtermShutdownTimer_mS_M_u32	1653817856
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	9
PowerLatchTimeDID191D_Cnt_M_u16	194
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	6
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	11
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_0	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	254.182404
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	1
VehPwrMd2msCounter_Cnt_M_u16	270
k_CTermOpModeStsTimeout_mS_u16	55384
k_CTermShutdownTimeout_mS_u16	17989

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Name	Input Value		
k_RampDnRt_UlspmS_f32	0.00209999993		
k_RampUpRtLoSpd_UlspmS_f32	0.00200000009		
k_VehSpdEngOn_Kph_f32	222.712296		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	1578		
target_GetSystemTime_mS_u32_CurrentTime	1653817856		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✓
CtermOpModeStsTimer_mS_M_u32	1653817856	1653817856	✓
CtermShutdownTimer_mS_M_u32	1653817856	1653817856	✓
OpModeSts_Cnt_M_u16	11	11	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00209999993	0.00209999993 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.10 (Repeat Count = 1)				
Name		Input Value		
CTermActive_Cnt_M_lgc		1		
ComM_GetCurrentComMode(ComMode)		target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32		3851144192		
CtermShutdownTimer_mS_M_u32		3851144192		
DtrmnElapsedTime_mS_u16(ElapsedTime)		target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)		target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)		target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16		1		
PowerLatchTimeDID191D_Cnt_M_u16		212		
Rte_ModeMachine_StaMd9_SystemState9_Mode		3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C		5		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM		15		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		394.685913		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		0		
StartStopLogicEnable_Cnt_M_lgc		1		
VehPwrMd2msCounter_Cnt_M_u16		443		
k_CTermOpModeStsTimeout_mS_u16		2029		
k_CTermShutdownTimeout_mS_u16		56369		
k_RampDnRt_UlspmS_f32		0.00249999994		
k_RampUpRtLoSpd_UlspmS_f32		0.00319999992		
k_VehSpdEngOn_Kph_f32		314.166107		
target_ComM_GetCurrentComMode_ComMode		0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime		33467		
target_GetSystemTime_mS_u32_CurrentTime		3851144192		
target_IoHwAb_GetEpsEn_signal		0		
Name	Actual Value	Expected Value	Result	
CTermActive_Cnt_M_lgc	1	1		
CtermOpModeStsTimer_mS_M_u32	3851144192	3851144192		
CtermShutdownTimer_mS_M_u32	3851144192	3851144192		
OpModeSts_Cnt_M_u16	15	15		
PowerLatchTimeDID191D_Cnt_M_u16	212	212		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00319999992	0.00319999992 ± 0.00390625		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625		

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	212	212	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	444	444	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.11 (Repeat Count = 1)

Name	Input Value		
CTermActive_Cnt_M_lgc	1		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	1091918848		
CtermShutdownTimer_mS_M_u32	1091918848		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	11		
PowerLatchTimeDID191D_Cnt_M_u16	198		
Rte_ModeMachine_StaMd9_SystemState9_Mode	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	5		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	369.279205		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	380		
k_CTermOpModeStsTimeout_mS_u16	48958		
k_CTermShutdownTimeout_mS_u16	53613		
k_RampDnRt_UlspmS_f32	0.00419999985		
k_RampUpRtLoSpd_UlspmS_f32	0.00449999981		
k_VehSpdEngOn_Kph_f32	6.66739988		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	25811		
target_GetSystemTime_mS_u32_CurrentTime	1091918848		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	1091918848	1091918848	✔
CtermShutdownTimer_mS_M_u32	1091918848	1091918848	✔
OpModeSts_Cnt_M_u16	2	2	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00419999985	0.00419999985 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

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Test Step 3.12 (Repeat Count = 1) ✓

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	1808440576
CtermShutdownTimer_mS_M_u32	1808440576
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	0
PowerLatchTimeDID191D_Cnt_M_u16	131
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	6
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	253.092804
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	0
VehPwrMd2msCounter_Cnt_M_u16	446
k_CTermOpModeStsTimeout_mS_u16	30573
k_CTermShutdownTimeout_mS_u16	30913
k_RampDnRt_UlspmS_f32	0.002600000001
k_RampUpRtLoSpd_UlspmS_f32	0.0006000000028
k_VehSpdEngOn_Kph_f32	463.963013
target_ComM_GetCurrentComMode_ComMode	2
target_DtrmnElapsedTime_mS_u16_ElapsedTime	49387
target_GetSystemTime_mS_u32_CurrentTime	1808440576
target_IoHwAb_GetEpsEn_signal	1

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✓
CtermOpModeStsTimer_mS_M_u32	1808440576	1808440576	✓
CtermShutdownTimer_mS_M_u32	1808440576	1808440576	✓
OpModeSts_Cnt_M_u16	4	4	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.0006000000028	0.0006000000028 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T ✓

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.13 (Repeat Count = 1) ✓

Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	4189941760
CtermShutdownTimer_mS_M_u32	4189941760
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	12
PowerLatchTimeDID191D_Cnt_M_u16	255
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	6

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Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_2	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	69.581398		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	40		
k_CTermOpModeStsTimeout_mS_u16	32295		
k_CTermShutdownTimeout_mS_u16	31691		
k_RampDnRt_UlspmS_f32	0.00340000005		
k_RampUpRtLoSpd_UlspmS_f32	0.0046000001		
k_VehSpdEngOn_Kph_f32	98.0047989		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	31420		
target_GetSystemTime_mS_u32_CurrentTime	4189941760		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	4189941760	4189941760	✔
CtermShutdownTimer_mS_M_u32	4189941760	4189941760	✔
OpModeSts_Cnt_M_u16	6	6	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00340000005	0.00340000005 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓	
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓	
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓	
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓	

Test Step 3.14 (Repeat Count = 1)				
Name		Input Value		
CTermActive_Cnt_M_lgc		1		
ComM_GetCurrentComMode(ComMode)		target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32		414673408		
CtermShutdownTimer_mS_M_u32		414673408		
DtrmnElapsedTime_mS_u16(ElapsedTime)		target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)		target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)		target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16		0		
PowerLatchTimeDID191D_Cnt_M_u16		226		
Rte_ModeMachine_StaMd9_SystemState9_Mode		2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrCor		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en		2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM		4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_		1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		389.885315		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed		1		
StartStopLogicEnable_Cnt_M_lgc		1		
VehPwrMd2msCounter_Cnt_M_u16		152		
k_CTermOpModeStsTimeout_mS_u16		25949		
k_CTermShutdownTimeout_mS_u16		55701		
k_RampDnRt_UlspmS_f32		0.00240000011		
k_RampUpRtLoSpd_UlspmS_f32		0.00490000006		
k_VehSpdEngOn_Kph_f32		486.018005		
target_ComM_GetCurrentComMode_ComMode		0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime		52111		
target_GetSystemTime_mS_u32_CurrentTime		414673408		
target_IoHwAb_GetEpsEn_signal		0		
Name	Actual Value	Expected Value	Result	
CTermActive Cnt M lgc	0	0		

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Name	Actual Value	Expected Value	Result
CtermOpModeStsTimer_mS_M_u32	414673408	414673408	✓
CtermShutdownTimer_mS_M_u32	414673408	414673408	✓
OpModeSts_Cnt_M_u16	4	4	✓
PowerLatchTimeDID191D_Cnt_M_u16	226	226	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00240000011	0.00240000011 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	226	226	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	153	153	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.15 (Repeat Count = 1)

Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	0		
CtermShutdownTimer_mS_M_u32	0		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	1		
PowerLatchTimeDID191D_Cnt_M_u16	71		
Rte_ModeMachine_StaMd9_SystemState9_Mode	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	10		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	424.590393		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	468		
k_CTermOpModeStsTimeout_mS_u16	42169		
k_CTermShutdownTimeout_mS_u16	13476		
k_RampDnRt_UlspmS_f32	0.001000000005		
k_RampUpRtLoSpd_UlspmS_f32	0.001599999996		
k_VehSpdEngOn_Kph_f32	328.941895		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	58740		
target_GetSystemTime_mS_u32_CurrentTime	0		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	0	0	✔
CtermShutdownTimer_mS_M_u32	0	0	✔
OpModeSts_Cnt_M_u16	10	10	✔
PowerLatchTimeDID191D_Cnt_M_u16	71	71	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.001000000005	0.001000000005 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	71	71	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	469	469	✔

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Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.16 (Repeat Count = 1)

Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	4124011776		
CtermShutdownTimer_mS_M_u32	4124011776		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	10		
PowerLatchTimeDID191D_Cnt_M_u16	246		
Rte_ModeMachine_StaMd9_SystemState9_Mode	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	5		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	6		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	308.05069		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	269		
k_CTermOpModeStsTimeout_mS_u16	11759		
k_CTermShutdownTimeout_mS_u16	26549		
k_RampDnRt_Ulspms_f32	0.00039999999		
k_RampUpRtLoSpd_Ulspms_f32	0.00109999999		
k_VehSpdEngOn_Kph_f32	276.0849		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	0		
target_GetSystemTime_mS_u32_CurrentTime	4124011776		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	4124011776	4124011776	✔
CtermShutdownTimer_mS_M_u32	4124011776	4124011776	✔
OpModeSts_Cnt_M_u16	6	6	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00109999999	0.00109999999 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.17 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	1174226176
CtermShutdownTimer_mS_M_u32	1627798016
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime

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Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	8		
PowerLatchTimeDID191D_Cnt_M_u16	55		
Rte_ModeMachine_StaMd9_SystemState9_Mode	4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	8		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	323.187805		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	153		
k_CTermOpModeStsTimeout_mS_u16	63578		
k_CTermShutdownTimeout_mS_u16	60851		
k_RampDnRt_UlspmS_f32	0.0013		
k_RampUpRtLoSpd_UlspmS_f32	0.0001999999995		
k_VehSpdEngOn_Kph_f32	463.990204		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	17465		
target_GetSystemTime_mS_u32_CurrentTime	1627798016		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	1174226176	1174226176	✔
CtermShutdownTimer_mS_M_u32	1627798016	1627798016	✔
OpModeSts_Cnt_M_u16	8	8	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.0001999999995	0.0001999999995 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✔
StartStopLogicEnable_Cnt_M_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓

Test Step 3.18 (Repeat Count = 1)	
Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	3851144192
CtermShutdownTimer_mS_M_u32	3851144192
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	1
PowerLatchTimeDID191D_Cnt_M_u16	212
Rte_ModeMachine_StaMd9_SystemState9_Mode	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	5
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrICor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	394.685913
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0
StartStopLogicEnable_Cnt_M_lgc	1
VehPwrMd2msCounter_Cnt_M_u16	443
k_CTermOpModeStsTimeout_mS_u16	2029
k_CTermShutdownTimeout_mS_u16	56369

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Name	Input Value		
k_RampDnRt_UlspmS_f32	0.00249999994		
k_RampUpRtLoSpd_UlspmS_f32	0.00319999992		
k_VehSpdEngOn_Kph_f32	314.166107		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	33467		
target_GetSystemTime_mS_u32_CurrentTime	3851144192		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	3851144192	3851144192	✔
CtermShutdownTimer_mS_M_u32	3851144192	3851144192	✔
OpModeSts_Cnt_M_u16	2	2	✔
PowerLatchTimeDID191D_Cnt_M_u16	212	212	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00319999992	0.00319999992 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	212	212	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	444	444	✔

T	Actual Function	Count	Expected Function	Count	Result
	GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
	IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
	ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
	DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.19 (Repeat Count = 1)

Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	2547440384		
CtermShutdownTimer_mS_M_u32	2547440384		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	12		
PowerLatchTimeDID191D_Cnt_M_u16	127		
Rte_ModeMachine_StaMd9_SystemState9_Mode	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSnCor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	7		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	423.002289		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	433		
k_CTermOpModeStsTimeout_mS_u16	10944		
k_CTermShutdownTimeout_mS_u16	47796		
k_RampDnRt_UlspmS_f32	0.00240000011		
k_RampUpRtLoSpd_UlspmS_f32	0.00240000011		
k_VehSpdEngOn_Kph_f32	421.034912		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	17062		
target_GetSystemTime_mS_u32_CurrentTime	2547440384		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✔
CtermOpModeStsTimer_mS_M_u32	2547440384	2547440384	✔
CtermShutdownTimer_mS_M_u32	2547440384	2547440384	✔
OpModeSts_Cnt_M_u16	7	7	✔
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00240000011	0.00240000011 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.20 (Repeat Count = 1)

Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	0		
CtermShutdownTimer_mS_M_u32	0		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	0		
PowerLatchTimeDID191D_Cnt_M_u16	0		
Rte_ModeMachine_StaMd9_SystemState9_Mode	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	499		
k_CTermOpModeStsTimeout_mS_u16	0		
k_CTermShutdownTimeout_mS_u16	0		
k_RampDnRt_UlspmS_f32	9.99999975e-005		
k_RampUpRtLoSpd_UlspmS_f32	9.99999975e-005		
k_VehSpdEngOn_Kph_f32	0		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	0		
target_GetSystemTime_mS_u32_CurrentTime	0		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	0	0	✔
CtermShutdownTimer_mS_M_u32	0	0	✔
OpModeSts_Cnt_M_u16	0	0	✔
PowerLatchTimeDID191D_Cnt_M_u16	1	1	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	0	0	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	9.99999975e-005	9.99999975e-005 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	1	1	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	500	500	✔

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

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Test Step 3.21 (Repeat Count = 1)

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	0
CtermShutdownTimer_mS_M_u32	0
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	0
PowerLatchTimeDID191D_Cnt_M_u16	255
Rte_ModeMachine_StaMd9_SystemState9_Mode	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0
StartStopLogicEnable_Cnt_M_lgc	0
VehPwrMd2msCounter_Cnt_M_u16	499
k_CTermOpModeStsTimeout_mS_u16	0
k_CTermShutdownTimeout_mS_u16	0
k_RampDnRt_UlspmS_f32	9.99999975e-005
k_RampUpRtLoSpd_UlspmS_f32	9.99999975e-005
k_VehSpdEngOn_Kph_f32	0
target_ComM_GetCurrentComMode_ComMode	0
target_DtrmnElapsedTime_mS_u16_ElapsedTime	0
target_GetSystemTime_mS_u32_CurrentTime	0
target_IoHwAb_GetEpsEn_signal	0

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✓
CtermOpModeStsTimer_mS_M_u32	0	0	✓
CtermShutdownTimer_mS_M_u32	0	0	✓
OpModeSts_Cnt_M_u16	0	0	✓
PowerLatchTimeDID191D_Cnt_M_u16	255	255	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	9.99999975e-005	9.99999975e-005 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	255	255	✓
StartStopLogicEnable_Cnt_M_lgc	0	0	✓
VehPwrMd2msCounter_Cnt_M_u16	500	500	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	✓
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

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VehPwrMd_Init1



Project	VehPwrMd
Module	VehPwrMd
Test Object	VehPwrMd_Init1

Instrumentation: Test Object Only

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

Statistics

Total Testcases	1
Successful	1 ✓
Failed	0
Not Executed	0

Module Properties

Project Root Directory	D:\Synergy_Work_Area\FIASA_VehPwrMd
Configuration File	D:\Synergy_Work_Area\FIASA_VehPwrMd\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(SOURCEROOT)\Ap_VehPwrMd.c
Compiler Options	-D_DATA_ACCESS=-D_inline=-D_extern=-Dconst=-I\$(PROJECTROOT)\VehPwrMd\utp\contract -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

Comments/Description/Specification

Name	Text
Module 'VehPwrMd'	*****Unit Test Information***** Name of Tester:Priyanka Bothe Code File(s) Under Test:Ap_VehPwrMd.c Code File(s) Version:7 Module Design Document:NA Module Design Document Version:NA Data Dictionary Version:2 Unit Test Plan Version:1 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):592 Total RAM Used (Bytes):16 Total CALS Used (Bytes):20 Special Test Requirements:NA Test Date:6/3/2016 Comments: Note1:"CBD_Sandbox_dbg.map" map file is embedded for reference. *****

Attributes

Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	False
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\FIASA_VehPwrMd\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

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VehPwrMd_Init1



Test Case 1: Boundary Test

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

TS1.1 534.00 Cycles
TS1.2 534.00 Cycles
TS1.3 534.00 Cycles
TS1.4 534.00 Cycles
TS1.5 534.00 Cycles
TS1.6 534.00 Cycles
TS1.7 534.00 Cycles
TS1.8 534.00 Cycles

Description Vector Description:

TS1.1All Min
TS1.2All Max
TS1.3k_RampDnRt_UlspmS_f32==>Min
TS1.4k_RampDnRt_UlspmS_f32==>Max
TS1.5k_RampDnRt_UlspmS_f32==>Pos/Default
TS1.6Rte_Call_SystemTime_GetSystemTime_mS_u32==>Min
TS1.7Rte_Call_SystemTime_GetSystemTime_mS_u32==>Max
TS1.8Rte_Call_SystemTime_GetSystemTime_mS_u32==>Pos

Test Step 1.1 (Repeat Count = 1)

Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
k_RampDnRt_UlspmS_f32	9.99999975e-005		
target_GetSystemTime_mS_u32_CurrentTime	0		
Name	Actual Value	Expected Value	Result
CtermOpModeStsTimer_mS_M_u32	0	0	✔
CtermShutdownTimer_mS_M_u32	0	0	✔
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampRate	9.99999975e-005	9.99999975e-005	✔
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampValu	0	0	✔

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓

Test Step 1.2 (Repeat Count = 1)

Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
k_RampDnRt_UlspmS_f32	0.00499999989		
target_GetSystemTime_mS_u32_CurrentTime	4294967295		
Name	Actual Value	Expected Value	Result
CtermOpModeStsTimer_mS_M_u32	4294967295	4294967295	✔
CtermShutdownTimer_mS_M_u32	4294967295	4294967295	✔
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampRate	0.00499999989	0.00499999989	✔
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampValu	0	0	✔

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓

Test Step 1.3 (Repeat Count = 1)

Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
k_RampDnRt_UlspmS_f32	9.99999975e-005		
target_GetSystemTime_mS_u32_CurrentTime	2212967295		
Name	Actual Value	Expected Value	Result
CtermOpModeStsTimer_mS_M_u32	2212967295	2212967295	✔
CtermShutdownTimer_mS_M_u32	2212967295	2212967295	✔
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampRate	9.99999975e-005	9.99999975e-005	✔
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampValu	0	0	✔

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓

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VehPwrMd_Init1



Test Step 1.4 (Repeat Count = 1) ✓

Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
k_RampDnRt_UlspmS_f32	0.00499999989		
target_GetSystemTime_mS_u32_CurrentTime	2212347295		
Name	Actual Value	Expected Value	Result
CtermOpModeStsTimer_mS_M_u32	2212347295	2212347295	✔
CtermShutdownTimer_mS_M_u32	2212347295	2212347295	✔
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampRate	0.00499999989	0.00499999989	✔
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampValu	0	0	✔

T ✓				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓

Test Step 1.5 (Repeat Count = 1) ✓

Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
k_RampDnRt_UlspmS_f32	0.000500000024		
target_GetSystemTime_mS_u32_CurrentTime	22127295		
Name	Actual Value	Expected Value	Result
CtermOpModeStsTimer_mS_M_u32	22127295	22127295	✔
CtermShutdownTimer_mS_M_u32	22127295	22127295	✔
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampRate	0.000500000024	0.000500000024	✔
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampValu	0	0	✔

T ✓				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓

Test Step 1.6 (Repeat Count = 1) ✓

Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
k_RampDnRt_UlspmS_f32	0.00200000009		
target_GetSystemTime_mS_u32_CurrentTime	0		
Name	Actual Value	Expected Value	Result
CtermOpModeStsTimer_mS_M_u32	0	0	✔
CtermShutdownTimer_mS_M_u32	0	0	✔
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampRate	0.00200000009	0.00200000009	✔
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampValu	0	0	✔

T ✓				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓

Test Step 1.7 (Repeat Count = 1) ✓

Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
k_RampDnRt_UlspmS_f32	0.00100000005		
target_GetSystemTime_mS_u32_CurrentTime	4294967295		
Name	Actual Value	Expected Value	Result
CtermOpModeStsTimer_mS_M_u32	4294967295	4294967295	✔
CtermShutdownTimer_mS_M_u32	4294967295	4294967295	✔
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampRate	0.00100000005	0.00100000005	✔
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampValu	0	0	✔

T ✓				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓

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VehPwrMd_Init1



Test Step 1.8 (Repeat Count = 1)					✓
Name		Input Value			
GetSystemTime_mS_u32(CurrentTime)		target_GetSystemTime_mS_u32_CurrentTime			
k_RampDnRt_UlspmS_f32		0.002499999994			
target_GetSystemTime_mS_u32_CurrentTime		2212967295			
Name		Actual Value	Expected Value	Result	
CtermOpModeStsTimer_mS_M_u32		2212967295	2212967295	✓	
CtermShutdownTimer_mS_M_u32		2212967295	2212967295	✓	
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampRate		0.002499999994	0.002499999994	✓	
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampValu		0	0	✓	
T					✓
Actual Function		Count	Expected Function	Count	Result
GetSystemTime_mS_u32		1	GetSystemTime_mS_u32	1	✓