Summary

Total Test Objects:	2
Successful:	2
Failed:	0
Not Executed:	0
Date:	2016-06-03
Time:	15:31:08+0530

Overall Test Object Results (including Coverage)

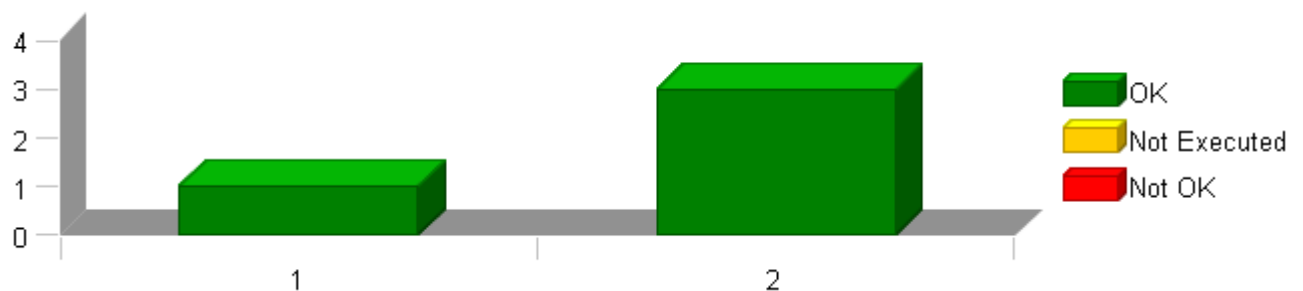

- OK
- Not Executed
- Not OK
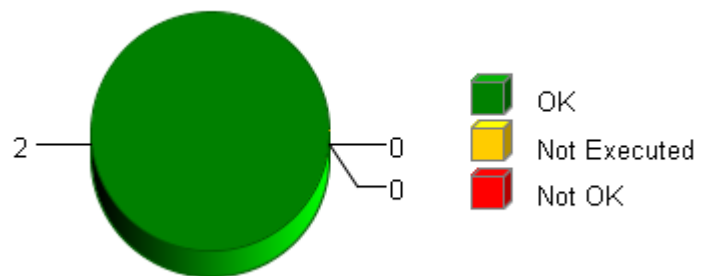
Selected Project Items

Test Collection "UnitTest"

Used Test Environments

TI TMS 570 PLS UDE (Default)

Test Case Results for Each Test Object (without Coverage)

- OK
- Not Executed
- Not OK

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
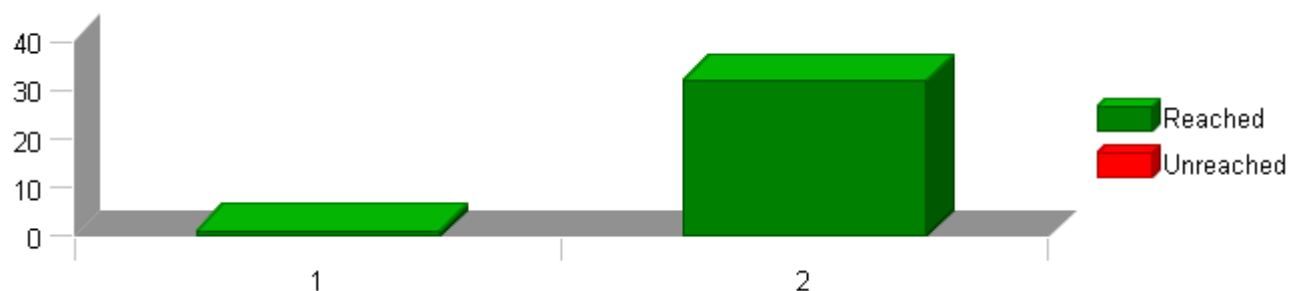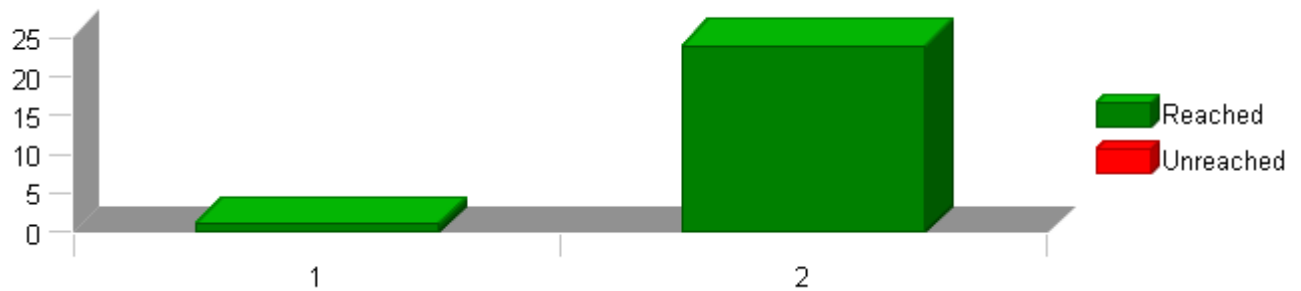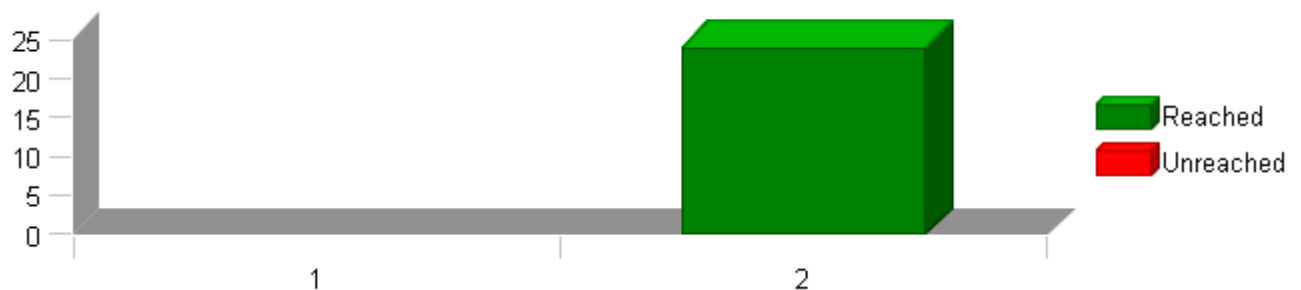

- Reached
- Unreached

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.
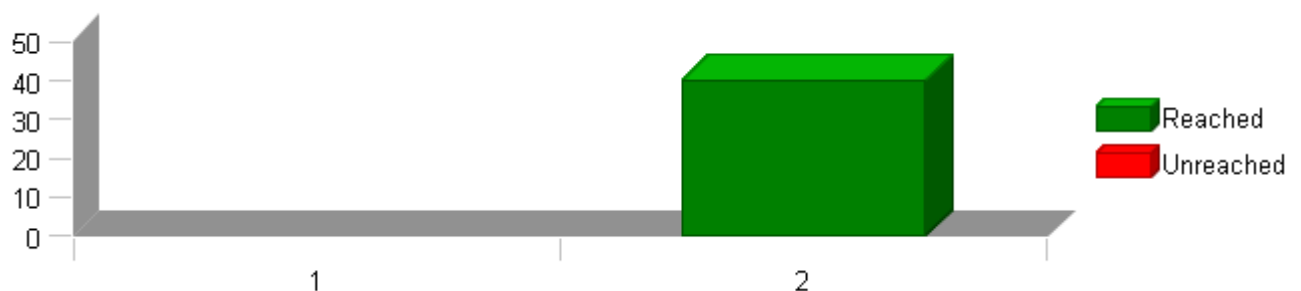
Decision Coverage: Total Decision Outcomes for Each Test Object

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.
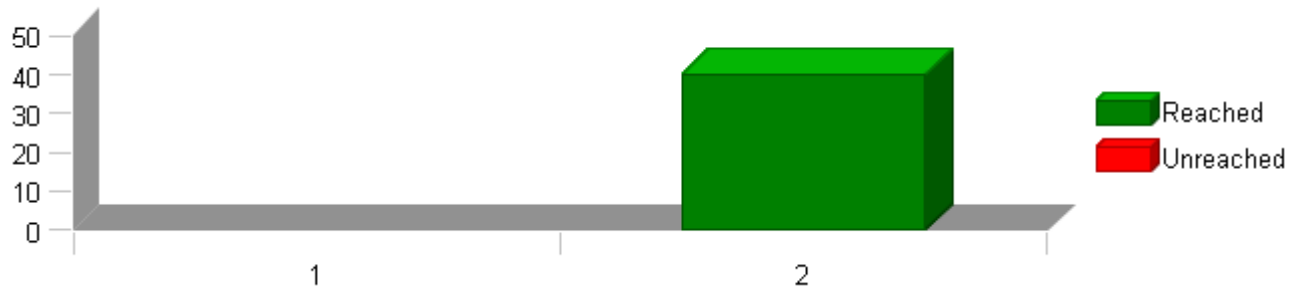
MCC Coverage: Total Condition Combinations for Each Test Object

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	✔

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$(PROJECTROOT)\NxtrLib\include -I$(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_ps.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

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

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_lgc) || ((MEC_Cnt_T_enum == ProductionMode) && (ComM_ModeStatus_T_Enum != COMM_NO_COMMUNICATION)))==>True
(TRUE == EngONSrlComSvcDft_Cnt_T_lgc)==>True
(TRUE == EngONSrlComSvcDft_Cnt_T_lgc)==>False
((ATermActive_Cnt_T_lgc == 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_lgc) || ((MEC_Cnt_T_enum == ProductionMode) && (ComM_ModeStatus_T_Enum != COMM_NO_COMMUNICATION)))==>False
(VehPwrMd2msCounter_Cnt_M_u16 < 500u)==>True
(TRUE == EngONSrlComSvcDft_Cnt_T_lgc)==>False
((INTInfoActive_Cnt_T_lgc == 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_lgc == TRUE) && (SysState_Cnt_T_Enum == RTE_MODE_StaMd_Mode_OPERATE)
   && ((StartStopSts_Cnt_T_u8 != D_STOPSTARTENGOFF_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_lgc) &&
   (VehicleSpeed_Kph_T_f32 > k_VehSpdEngOn_Kph_f32)))==>False
(FALSE == CTermActive_Cnt_M_lgc)==>True
((ATermActive_Cnt_T_lgc == 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_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
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_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	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	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	0.000199999995	0.000199999995 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	✔

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	✔

Test Step Call Trace					✔
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 1.2 (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	✔

Test Step Call Trace					✔
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 2: Boundary Test

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
```

Description   Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3EngONSrlComSvcDft_Cnt_lgc==>Min
TS2.4EngONSrlComSvcDft_Cnt_lgc==>Max
TS2.5EngStartStopSts_Cnt_u8==>Min
TS2.6EngStartStopSts_Cnt_u8==>Max
TS2.7EngStartStopSts_Cnt_u8==>Pos
TS2.8StartStopLogicEnable_Cnt_lgc==>Min
TS2.9StartStopLogicEnable_Cnt_lgc==>Max
TS2.10VehicleSpeedValid_Cnt_lgc==>Min
TS2.11VehicleSpeedValid_Cnt_lgc==>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_lgc==>Min
TS2.22CTermActive_Cnt_M_lgc==>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_lgc==>Min
TS2.47StartStopLogicEnable_Cnt_M_lgc==>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_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

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	✔

Test Step Call Trace				✔
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 2.2 (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_EngONSrlCon	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	0.00499999989
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	✔

Test Step Call Trace ✔

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_EngONSrlCon	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

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	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	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	✔

Test Step Call Trace				✔
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 2.4 (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_EngONSrlCon	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
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	✔

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	✔

Test Step Call Trace ✔

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_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	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	0.00289999996
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	✔

Test Step Call Trace ✔

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 2.6 (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_EngONSrlCol	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	✔

Test Step Call Trace ✔

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_EngONSrlCor	1

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	✔

Test Step Call Trace				✔
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 2.8 (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_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	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	0.0027999999
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	✔

Test Step Call Trace ✔

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_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	7

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	0.00289999996
k_RampUpRtLoSpd_UlspmS_f32	0.00249999994
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	0.00249999994	0.00249999994 ± 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	✓

Test Step Call Trace				✓
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_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	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	✓

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	✔

Test Step Call Trace ✔

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_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	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	✔

Test Step Call Trace ✔

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 2.12 (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_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	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	0.00219999999
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	✔

Test Step Call Trace ✔

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_EngONSrlCor	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0

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	✔

Test Step Call Trace				✔
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 2.14 (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_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
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	0.00289999996
k_RampUpRtLoSpd_UlspmS_f32	0.00319999992
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	0.00319999992	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	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

Test Step Call Trace ✔

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_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	12

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	✔

Test Step Call Trace					✔
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_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	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	0.00159999996
k_RampUpRtLoSpd_UlspmS_f32	0.00219999999
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	✔

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	0.00219999999	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	251	251	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	371	371	✔

Test Step Call Trace ✔

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_EngONSrlCon	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	0.00209999993
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	✔

Test Step Call Trace ✔

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 2.18 (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_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	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	0.00289999996
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	✔

Test Step Call Trace ✔

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_EngONSrlCor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	1

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	✔

Test Step Call Trace				✔
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 2.20 (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	✔

Test Step Call Trace   ✔

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

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_IoHwAb_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	✔

Test Step Call Trace					✔
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 2.22 (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_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	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	✔

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	✔

Test Step Call Trace ✔

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	✔

Test Step Call Trace ✔

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 2.24 (Repeat Count = 1) ✓

Name	Input Value
CTermActive_Cnt_M_lgc	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_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	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_lgc	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_lgc	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_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	125	125	✓

Test Step Call Trace ✓

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_lgc	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_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	1

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	0.00449999981		
k_RampUpRtLoSpd_UlspmS_f32	0.00380000006		
k_VehSpdEngOn_Kph_f32	261.692688		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	42063		
target_GetSystemTime_mS_u32_CurrentTime	2552161536		
target_IoHwAb_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	0.00380000006	0.00380000006 ± 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	✔

Test Step Call Trace					✔
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 2.26 (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_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	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	0.00159999996			
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		✔

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	0.00159999996	0.00159999996 ± 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	✔

Test Step Call Trace					✔
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_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		
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	0.00499999989		
k_RampUpRtLoSpd_UlspmS_f32	0.00490000006		
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	0.00499999989	0.00499999989 ± 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	✔

Test Step Call Trace ✔

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 2.28 (Repeat Count = 1) ✔

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	1567960576
CtermShutdownTimer_mS_M_u32	1567960576
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	56
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_EngONSrlCon	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	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_	3
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	218.299606
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	1
VehPwrMd2msCounter_Cnt_M_u16	169
k_CTermOpModeStsTimeout_mS_u16	20778
k_CTermShutdownTimeout_mS_u16	53841
k_RampDnRt_UlspmS_f32	0.000500000024
k_RampUpRtLoSpd_UlspmS_f32	0.00150000001
k_VehSpdEngOn_Kph_f32	496.912201
target_ComM_GetCurrentComMode_ComMode	1
target_DtrmnElapsedTime_mS_u16_ElapsedTime	3115
target_GetSystemTime_mS_u32_CurrentTime	1567960576
target_IoHwAb_GetEpsEn_signal	0

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	1567960576	1567960576	✔
CtermShutdownTimer_mS_M_u32	1567960576	1567960576	✔
OpModeSts_Cnt_M_u16	6	6	✔
PowerLatchTimeDID191D_Cnt_M_u16	56	56	✔
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	0.000500000024	0.000500000024 ± 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	56	56	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	170	170	✔

Test Step Call Trace ✔

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 2.29 (Repeat Count = 1) ✔

Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	1098332416
CtermShutdownTimer_mS_M_u32	1098332416
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime

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_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	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	0.00100000005
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	✓

Test Step Call Trace ✓

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

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_lgc	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_lgc	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

Test Step Call Trace					✔
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_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	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_lgc	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_lgc	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	✔

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

Test Step Call Trace				✔
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_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	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	✔

Test Step Call Trace				✔
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

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_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	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	✔

Test Step Call Trace				✔
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_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	

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	✔

Test Step Call Trace					✔
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	✔

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	✓

Test Step Call Trace				✓
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_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	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	✓

Test Step Call Trace				✓
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 2.37 (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	0.000699999975
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	✔

Test Step Call Trace ✔

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

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_IoHwAb_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	✔

Test Step Call Trace				✔
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 2.39 (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_EngONSrlCon	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	✔

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	✔

Test Step Call Trace			✔
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_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	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	0.00159999996
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	0.00159999996	0.00159999996 ± 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	✔

Test Step Call Trace			✔
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 2.41 (Repeat Count = 1) ✔

Name	Input Value
CTermActive_Cnt_M_lgc	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_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_	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_lgc	1
VehPwrMd2msCounter_Cnt_M_u16	500
k_CTermOpModeStsTimeout_mS_u16	2127
k_CTermShutdownTimeout_mS_u16	48421
k_RampDnRt_UlspmS_f32	0.00159999996
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_lgc	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	0.00159999996	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	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

Test Step Call Trace ✔

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_lgc	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 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	2

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_IoHwAb_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	✔

Test Step Call Trace				✔
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 2.43 (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_IoHwAb_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	0.00039999999	
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_IoHwAb_GetEpsEn_signal	1	
Name	**Actual Value**	**Expected Value**	**Result**
CTermActive_Cnt_M_lgc	0	0	✔

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	✔
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	0.00039999999	0.00039999999 ± 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	✔

Test Step Call Trace ✔

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 2.44 (Repeat Count = 1) ✔

Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	2074715136
CtermShutdownTimer_mS_M_u32	2074715136
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	95
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
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	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	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_	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	157.300797
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0
StartStopLogicEnable_Cnt_M_lgc	1
VehPwrMd2msCounter_Cnt_M_u16	388
k_CTermOpModeStsTimeout_mS_u16	23450
k_CTermShutdownTimeout_mS_u16	65535
k_RampDnRt_UlspmS_f32	0.00400000019
k_RampUpRtLoSpd_UlspmS_f32	0.000500000024
k_VehSpdEngOn_Kph_f32	199.002396
target_ComM_GetCurrentComMode_ComMode	0
target_DtrmnElapsedTime_mS_u16_ElapsedTime	4727
target_GetSystemTime_mS_u32_CurrentTime	2074715136
target_IoHwAb_GetEpsEn_signal	0

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	2074715136	2074715136	✔
CtermShutdownTimer_mS_M_u32	2074715136	2074715136	✔
OpModeSts_Cnt_M_u16	5	5	✔
PowerLatchTimeDID191D_Cnt_M_u16	95	95	✔
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	0.00400000019	0.00400000019 ± 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	95	95	✔
StartStopLogicEnable_Cnt_M_lgc	0	0	✔
VehPwrMd2msCounter_Cnt_M_u16	389	389	✔

Test Step Call Trace

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_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	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	✔

Test Step Call Trace

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

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 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	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	0.00139999995
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	0.00139999995	0.00139999995 ± 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	✔

Test Step Call Trace ✔

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_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	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

Name	Input Value		
k_CTermShutdownTimeout_mS_u16	49152		
k_RampDnRt_UlspmS_f32	0.00230000005		
k_RampUpRtLoSpd_UlspmS_f32	0.00240000011		
k_VehSpdEngOn_Kph_f32	143.167099		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	5503		
target_GetSystemTime_mS_u32_CurrentTime	2426865920		
target_IoHwAb_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	0.00230000005	0.00230000005 ± 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	✔

Test Step Call Trace					✔
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_CmdIgnSts_C	7		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCon	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	0.00100000005		
k_RampUpRtLoSpd_UlspmS_f32	0.000199999995		
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	0.00100000005	0.00100000005 ± 0.00390625	✔

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	✓

Test Step Call Trace				✓
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_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	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	✓

Test Step Call Trace				✓
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 2.50 (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_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	0.00260000001
k_RampUpRtLoSpd_UlspmS_f32	0.000600000028
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	0.000600000028	0.000600000028 ± 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	✔

Test Step Call Trace ✔

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_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	1

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	✔

Test Step Call Trace				✔
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_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	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	✔

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	✔

Test Step Call Trace					✔
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	0.000699999975		
k_RampUpRtLoSpd_UlspmS_f32	0.00219999999		
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	0.000699999975	0.000699999975 ± 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	✔

Test Step Call Trace ✔

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 2.54 (Repeat Count = 1) ✔

Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	3724068352
CtermShutdownTimer_mS_M_u32	3724068352
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	96
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_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	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	15.5255003
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	0
VehPwrMd2msCounter_Cnt_M_u16	414
k_CTermOpModeStsTimeout_mS_u16	15519
k_CTermShutdownTimeout_mS_u16	63613
k_RampDnRt_UlspmS_f32	0.00340000005
k_RampUpRtLoSpd_UlspmS_f32	0.000899999985
k_VehSpdEngOn_Kph_f32	155.403793
target_ComM_GetCurrentComMode_ComMode	0
target_DtrmnElapsedTime_mS_u16_ElapsedTime	12625
target_GetSystemTime_mS_u32_CurrentTime	3724068352
target_IoHwAb_GetEpsEn_signal	1

Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✔
CtermOpModeStsTimer_mS_M_u32	3724068352	3724068352	✔
CtermShutdownTimer_mS_M_u32	3724068352	3724068352	✔
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_	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	✔

Test Step Call Trace ✔

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 2.55 (Repeat Count = 1) ✔

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	3964432640
CtermShutdownTimer_mS_M_u32	3964432640
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime

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_EngONSrlCon	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	✔

Test Step Call Trace					✔
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_EngONSrlCon	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

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	✔

Test Step Call Trace					✔
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_EngONSrlCon	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	0.00109999999		
k_RampUpRtLoSpd_UlspmS_f32	0.00469999993		
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	0.00109999999	0.00109999999 ± 0.00390625	✔
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✔

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	✔

Test Step Call Trace				✔
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	✔

Test Step Call Trace				✔
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 2.59 (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_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	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
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	0.00039999999
k_RampUpRtLoSpd_UlspmS_f32	0.00350000011
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	0.00350000011	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	✓

Test Step Call Trace ✓

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_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	2

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
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	✔

Test Step Call Trace				✔

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_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	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	✔

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	✔

Test Step Call Trace ✔

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	✔

Test Step Call Trace				✔
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_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	0.00100000005	
k_RampUpRtLoSpd_UlspmS_f32	0.00159999996	
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	✔

Test Step Call Trace				✔
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	

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_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	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	✔

Test Step Call Trace					✔
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 2.65 (Repeat Count = 1)	✔

Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	3935801600
CtermShutdownTimer_mS_M_u32	3935801600
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	136
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	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	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	311.3125
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1
StartStopLogicEnable_Cnt_M_lgc	1
VehPwrMd2msCounter_Cnt_M_u16	139
k_CTermOpModeStsTimeout_mS_u16	15902

Name	Input Value		
k_CTermShutdownTimeout_mS_u16	38931		
k_RampDnRt_UlspmS_f32	0.00209999993		
k_RampUpRtLoSpd_UlspmS_f32	0.00430000015		
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	✓
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	0.00430000015	0.00430000015 ± 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	✓

Test Step Call Trace					✓
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_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	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	0.0027999999		
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	0.0027999999	0.0027999999 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	✓

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	✓

Test Step Call Trace ✓

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	✓

Test Step Call Trace ✓

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

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	✓

Test Step Call Trace				✓
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	

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_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	✓

Test Step Call Trace					✓
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 2.70 (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
IoHwAb_GetEpsEn(signal)	target_IoHwAb_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_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	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_IoHwAb_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	✓

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	✔

Test Step Call Trace ✔

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	✔

Test Step Call Trace ✔

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
```

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
&& (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_lgc == TRUE)==>False && (SysState_Cnt_T_Enum == RTE_MODE_StaMd_Mode_OPERATE)
&& ((StartStopSts_Cnt_T_u8 != D_STOPSTARTENGOFF_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)))
((D_IGNONENGON_CNT_U16 == OpModeSts_Cnt_T_U16)==>False
|| ((SysState_Cnt_T_Enum == RTE_MODE_StaMd_Mode_OPERATE) ==>False&& (TRUE == VehicleSpeedValid_Cnt_T_lgc) && (VehicleSpeed_Kph_T_f32 > k_VehSpdEngOn_Kph_f32)))
(FALSE == CTermActive_Cnt_M_lgc)==>True
((ATermActive_Cnt_T_lgc == FALSE)==>True && (VehPwrMd2msCounter_Cnt_M_u16 == 500u) ==>False)"
TS3.2"((TRUE == EPSEn_Cnt_T_lgc) ==>True || ((MEC_Cnt_T_enum == ProductionMode) && (ComM_ModeStatus_T_Enum != COMM_NO_COMMUNICATION)))
(TRUE == EngONSrlComSvcDft_Cnt_T_lgc)==>True
(FALSE == CTermActive_Cnt_M_lgc)==>False
((ATermActive_Cnt_T_lgc == FALSE)==>False && (VehPwrMd2msCounter_Cnt_M_u16 == 500u))"
TS3.3"((INTInfoActive_Cnt_T_lgc == FALSE)==>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))
((StartStopLogicEnable_Cnt_M_lgc == TRUE) && (SysState_Cnt_T_Enum == RTE_MODE_StaMd_Mode_OPERATE)
&& ((StartStopSts_Cnt_T_u8 != D_STOPSTARTENGOFF_CNT_U16) && (EngStartStopSts_Cnt_T_u8 != D_STOPSTARTENGNOTINSTART_CNT_U16)) ==>True)
&& ((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 && (TRUE == VehicleSpeedValid_Cnt_T_lgc) ==>True && (VehicleSpeed_Kph_T_f32 > k_VehSpdEngOn_Kph_f32)==>True))
(ElapsedTime1_mS_T_u16 > k_CTermOpModeStsTimeout_mS_u16)==>True"
TS3.4(TRUE == EPSEn_Cnt_T_lgc)==>False || ((MEC_Cnt_T_enum == ProductionMode) && (ComM_ModeStatus_T_Enum != COMM_NO_COMMUNICATION))==>True)
TS3.5"((StartStopLogicEnable_Cnt_M_lgc == TRUE)==>True && (SysState_Cnt_T_Enum == RTE_MODE_StaMd_Mode_OPERATE)==>False
&& ((StartStopSts_Cnt_T_u8 != D_STOPSTARTENGOFF_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)))"
TS3.6"((TRUE == EPSEn_Cnt_T_lgc)==>False || ((MEC_Cnt_T_enum == ProductionMode) ==>False && (ComM_ModeStatus_T_Enum != COMM_NO_COMMUNICATION)))
(VehPwrMd2msCounter_Cnt_M_u16 < 500u)==>False"
TS3.7((OpModeSts_Cnt_T_U16 != D_IGNONENGON_CNT_U16)==>False || (OpModeSts_Cnt_T_U16 != OpModeSts_Cnt_M_u16)==>True)
TS3.8"((D_IGNONENGON_CNT_U16 == OpModeSts_Cnt_T_U16)==>True
|| ((SysState_Cnt_T_Enum == RTE_MODE_StaMd_Mode_OPERATE) && (TRUE == VehicleSpeedValid_Cnt_T_lgc) && (VehicleSpeed_Kph_T_f32 > k_VehSpdEngOn_Kph_f32)))"
TS3.9(ElapsedTime1_mS_T_u16 > k_CTermOpModeStsTimeout_mS_u16)==>False
TS3.10"((INTInfoActive_Cnt_T_lgc == FALSE)==>True
&& (D_IGNPREOFF_CNT_U16 == OpModeSts_Cnt_T_U16 || D_IGNOFF_CNT_U16 == OpModeSts_Cnt_T_U16 || D_IGNSNA_CNT_U16 == OpModeSts_Cnt_T_U16==>True))
(ElapsedTime2_mS_T_u16 > k_CTermShutdownTimeout_mS_u16)==>False"
TS3.11"((StartStopLogicEnable_Cnt_M_lgc == TRUE) && (SysState_Cnt_T_Enum == RTE_MODE_StaMd_Mode_OPERATE)==>True
&& ((StartStopSts_Cnt_T_u8 != D_STOPSTARTENGOFF_CNT_U16)==>False && (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)))
((D_IGNONENGON_CNT_U16 == OpModeSts_Cnt_T_U16)==>False
|| ((SysState_Cnt_T_Enum == RTE_MODE_StaMd_Mode_OPERATE)==>True && (TRUE == VehicleSpeedValid_Cnt_T_lgc)==>False && (VehicleSpeed_Kph_T_f32 > k_VehSpdEngOn_Kph_f32)))"
TS3.12"((StartStopLogicEnable_Cnt_M_lgc == TRUE) && (SysState_Cnt_T_Enum == RTE_MODE_StaMd_Mode_OPERATE)
&& ((StartStopSts_Cnt_T_u8 != D_STOPSTARTENGOFF_CNT_U16) && (EngStartStopSts_Cnt_T_u8 != D_STOPSTARTENGNOTINSTART_CNT_U16)
&& ((D_IGNON_CNT_U16 == OpModeSts_Cnt_T_U16)==>True || (D_IGNSTART_CNT_U16 == OpModeSts_Cnt_T_U16) || (D_IGNCRANKING_CNT_U16 == OpModeSts_Cnt_T_U16)))==>True"
TS3.13"((StartStopLogicEnable_Cnt_M_lgc == TRUE) && (SysState_Cnt_T_Enum == RTE_MODE_StaMd_Mode_OPERATE)
&& ((StartStopSts_Cnt_T_u8 != D_STOPSTARTENGOFF_CNT_U16)==>True && (EngStartStopSts_Cnt_T_u8 != D_STOPSTARTENGNOTINSTART_CNT_U16) ==>False)
&& ((D_IGNON_CNT_U16 == OpModeSts_Cnt_T_U16) || (D_IGNSTART_CNT_U16 == OpModeSts_Cnt_T_U16) || (D_IGNCRANKING_CNT_U16 == OpModeSts_Cnt_T_U16)))"
TS3.14"((D_IGNONENGON_CNT_U16 == OpModeSts_Cnt_T_U16)==>False
|| ((SysState_Cnt_T_Enum == RTE_MODE_StaMd_Mode_OPERATE) ==>True&& (TRUE == VehicleSpeedValid_Cnt_T_lgc)==>True && (VehicleSpeed_Kph_T_f32 > k_VehSpdEngOn_Kph_f32)==>False))"
TS3.15"((INTInfoActive_Cnt_T_lgc == FALSE)==>True
&& (D_IGNPREOFF_CNT_U16 == OpModeSts_Cnt_T_U16==>True || D_IGNOFF_CNT_U16 == OpModeSts_Cnt_T_U16 || D_IGNSNA_CNT_U16 == OpModeSts_Cnt_T_U16))
(ElapsedTime2_mS_T_u16 > k_CTermShutdownTimeout_mS_u16)==>True"
TS3.16"((StartStopLogicEnable_Cnt_M_lgc == TRUE) && (SysState_Cnt_T_Enum == RTE_MODE_StaMd_Mode_OPERATE)
&& ((StartStopSts_Cnt_T_u8 != D_STOPSTARTENGOFF_CNT_U16) && (EngStartStopSts_Cnt_T_u8 != D_STOPSTARTENGNOTINSTART_CNT_U16)
&& ((D_IGNON_CNT_U16 == OpModeSts_Cnt_T_U16) ==>False|| (D_IGNSTART_CNT_U16 == OpModeSts_Cnt_T_U16)==>True || (D_IGNCRANKING_CNT_U16 == OpModeSts_Cnt_T_U16)))"
TS3.17(OpModeSts_Cnt_T_U16 != D_IGNONENGON_CNT_U16) ==>False|| (OpModeSts_Cnt_T_U16 != OpModeSts_Cnt_M_u16) ==>False)
TS3.18"((INTInfoActive_Cnt_T_lgc == FALSE)==>True
&& (D_IGNPREOFF_CNT_U16 == OpModeSts_Cnt_T_U16 || D_IGNOFF_CNT_U16 == OpModeSts_Cnt_T_U16==>True || D_IGNSNA_CNT_U16 == OpModeSts_Cnt_T_U16))"
TS3.19"((StartStopLogicEnable_Cnt_M_lgc == TRUE) && (SysState_Cnt_T_Enum == RTE_MODE_StaMd_Mode_OPERATE)
&& ((StartStopSts_Cnt_T_u8 != D_STOPSTARTENGOFF_CNT_U16) && (EngStartStopSts_Cnt_T_u8 != D_STOPSTARTENGNOTINSTART_CNT_U16))
&& ((D_IGNON_CNT_U16 == OpModeSts_Cnt_T_U16)==>False || (D_IGNSTART_CNT_U16 == OpModeSts_Cnt_T_U16) ==>False|| (D_IGNCRANKING_CNT_U16 == OpModeSts_Cnt_T_U16) ==>True))"
TS3.20"((ATermActive_Cnt_T_lgc == FALSE) && (VehPwrMd2msCounter_Cnt_M_u16 == 500u))==>True

(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_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	✔

Test Step Call Trace ✔

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

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	✔

Test Step Call Trace				✔
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 3.3 (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
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	✔

Test Step Call Trace ✔

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_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	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	6

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	✔

Test Step Call Trace					✔
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_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	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	0.00289999996		
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	✔

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	✔

Test Step Call Trace ✔

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_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	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	0.00430000015
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	0	0	✔

Test Step Call Trace ✔

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_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	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	✔

Test Step Call Trace ✔

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

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
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	0.00289999996
k_RampUpRtLoSpd_UlspmS_f32	0.00319999992
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	0.00319999992	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	1	1	✔
VehPwrMd2msCounter_Cnt_M_u16	0	0	✔

Test Step Call Trace				✔
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	
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	

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	✔

Test Step Call Trace					✔
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 3.10 (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_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	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	✔

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	✔

Test Step Call Trace ✔

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	✔

Test Step Call Trace ✔

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 3.12 (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	0.00260000001
k_RampUpRtLoSpd_UlspmS_f32	0.000600000028
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	0.000600000028	0.000600000028 ± 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	✔

Test Step Call Trace ✔

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

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
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	✔

Test Step Call Trace				✔
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_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	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	✔

TEST DETAILS REPORT

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VehPwrMd_Per1

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	✔

Test Step Call Trace ✔

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	0.00100000005
k_RampUpRtLoSpd_UlspmS_f32	0.00159999996
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	✔

Test Step Call Trace				✔
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_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	
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	✔

Test Step Call Trace				✔
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	

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_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	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	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	0.000199999995	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	✓

Test Step Call Trace				✓
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_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	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

TEST DETAILS REPORT

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VehPwrMd_Per1

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	✔

Test Step Call Trace				✔
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_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	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	✔

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	✓

Test Step Call Trace ✓

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	✓

Test Step Call Trace ✓

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 3.21 (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	✔

Test Step Call Trace ✔

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	✔

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$(PROJECTROOT)\NxtrLib\include -I$(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_ps.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

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	✔

Test Step Call Trace ✔

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	✔

Test Step Call Trace ✔

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	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✔

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	✔

Test Step Call Trace ✔

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	✔

Test Step Call Trace ✔

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	✔

Test Step Call Trace ✔

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	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✔

Test Step 1.8 (Repeat Count = 1) ✔

Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
k_RampDnRt_UlspmS_f32	0.00249999994
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	0.00249999994	0.00249999994	✔
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampValu	0	0	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✔