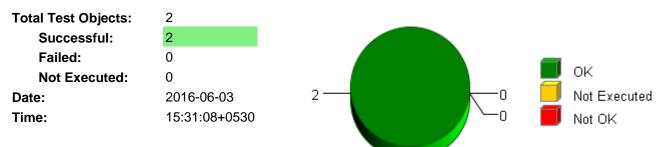


Summary

Overall Test Object Results (including Coverage)



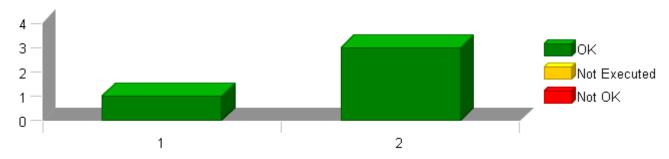
Selected Project Items

Test Collection "UnitTest"

Used Test Environments

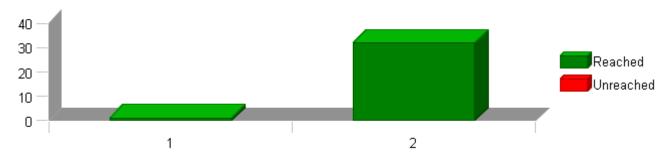
TI TMS 570 PLS UDE (Default)

Test Case Results for Each Test Object (without Coverage)



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

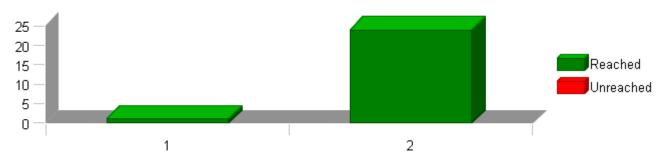
Statement (C0) Coverage: Total Statements for Each Test Object



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

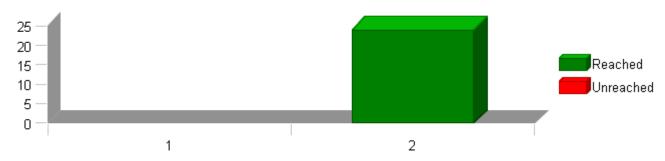


Branch (C1) Coverage: Total Branches for Each Test Object



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

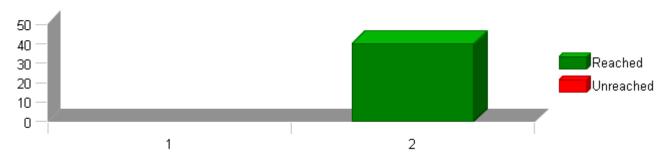
Decision Coverage: Total Decision Outcomes for Each Test Object



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

Each bar is divided into reached and unreached decision outcomes.

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

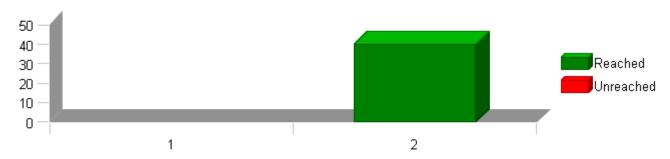


The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MC/DC coverage,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

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



MCC Coverage: Total Condition Combinations for Each Test Object



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

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

TEST OVERVIEW REPORT

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Test Object List

Project VehPwrMd

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	<u>VehPwrMd_Per1</u>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed

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VehPwrMd_Per1

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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	

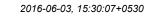
Module Properties

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= -Dinline= -D_extern= -Dconst= -I\$(PROJECTROOT)\VehPwrMd\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

Name	Text
Module 'VehPwrMd'	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	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 4.4</pre>
Time Unit	cycles
Timer Enabled	False
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg

VehPwrMd_Per1





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



| Specification | Performance Metrics (With "None" Instrumentation and WithSp Environment) (CPU Cycles) | T31.1 (140.00 Cycles) | T31.2 (2166.00 Cycles) | T31.2 (216.00 Cycles) | T31.2 (216.00 Cyc

Test Step 1.1 (Repeat Count = 1)					
Name	Input Value	Input Value			
CTermActive_Cnt_M_lgc	0				
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComM	target_ComM_GetCurrentComMode_ComMode			
CtermOpModeStsTimer_mS_M_u32	1174226176	1174226176			
CtermShutdownTimer_mS_M_u32	1627798016				
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u	target DtrmnElapsedTime mS u16 ElapsedTime			
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32	target GetSystemTime mS u32 CurrentTime			
IoHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_signa	al			
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_CmdlgnS	Sts_C 2				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONS	rlCor 1				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStarts	Stop: 2				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cn	t_en 0				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Operation	nalM 8				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStop	Logi 1				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStop	Sts_ 3				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleS	peed 323.187805				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleS	peed 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	0.00019999995				
k_VehSpdEngOn_Kph_f32	463.990204				
target_ComM_GetCurrentComMode_ComMode	1				
target_DtrmnElapsedTime_mS_u16_ElapsedTime	17465				
target_GetSystemTime_mS_u32_CurrentTime	1627798016				
target_loHwAb_GetEpsEn_signal	0				
Name	Actual Value	Expected Value	Resul		
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_ATermAc	ctive_ 1	1	•		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermAc	ctive_ 1	1	•		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRam	npRa 0.00019999995	0.000199999995 ± 0.00390625			

Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa 1

1 ± 0.00390625

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VehPwrMd_Per1

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	loHwAb_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_GetCurrentComM	lode_ComMode			
CtermOpModeStsTimer_mS_M_u32	0	0			
CtermShutdownTimer_mS_M_u32	0	0			
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_	target_DtrmnElapsedTime_mS_u16_ElapsedTime			
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32	target_GetSystemTime_mS_u32_CurrentTime			
IoHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_signa	target_loHwAb_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_CmdlgnS	Sts_C 0				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONS	SrlCor 0				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStart	tStop: 0				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cr	nt_en 0				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Operatio	onalM 0				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStop					
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStop	pSts 0				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleS	-				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleS					
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_loHwAb_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 ATermA	ctive 0	0	•		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermA	_	0	~		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRar		9.99999975e-005 ± 0.00390625	•		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRar	•	0 ± 0.00390625			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLa		1	•		
StartStopLogicEnable Cnt M Igc	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	✓

VehPwrMd_Per1

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Test Case 2: Boundary Test

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VehPwrMd_Per1



Specification

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

TS2.1 2207.00 Cycles
TS2.2 1579.00 Cycles
TS2.3 3326.00 Cycles
TS2.3 3326.00 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
TS2.11 2162.00 Cycles
TS2.13 1657.00 Cycles
TS2.13 1657.00 Cycles
TS2.14 1663.00 Cycles
TS2.15 1677.00 Cycles
TS2.15 1677.00 Cycles
TS2.15 1677.00 Cycles
TS2.18 1663.00 Cycles
TS2.19 185.00 Cycles
TS2.19 185.00 Cycles
TS2.19 1863.00 Cycles
TS2.19 1647.00 Cycles
TS2.20 1647.00 Cycles
TS2.21 1663.00 Cycles
TS2.22 1663.00 Cycles
TS2.23 186.00 Cycles
TS2.23 186.00 Cycles
TS2.24 1663.00 Cycles
TS2.23 1663.00 Cycles
TS2.23 1663.00 Cycles
TS2.24 1663.00 Cycles
TS2.25 1663.00 Cycles
TS2.28 2221.00 Cycles
TS2.28 2221.00 Cycles
TS2.29 1647.00 Cycles
TS2.29 1647.00 Cycles
TS2.29 1276.00 Cycles
TS2.29 1677.00 Cycles
TS2.29 1677.00 Cycles
TS2.31 1677.00 Cycles
TS2.32 1744.00 Cycles
TS2.33 1632.00 Cycles
TS2.34 1744.00 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
TS2.31 1677.00 Cycles
TS2.32 1663.00 Cycles
TS2.34 1274.00 Cycles
TS2.35 2232.00 Cycles
TS2.36 2215.00 Cycles
TS2.37 1677.00 Cycles
TS2.38 1677.00 Cycles
TS2.39 1677.00 Cycles
TS2.31 1677.00 Cycles
TS2.31 1677.00 Cycles
TS2.32 1740.00 Cycles
TS2.41 190.00 Cycles
TS2.42 1215.00 Cycles
TS2.43 1269.00 Cycles
TS2.45 2145.00 Cycles
TS2.46 2163.00 Cycles
TS2.47 2276.00 Cycles
TS2.55 2176.00 Cycles
TS2.55 2176.00 Cycles
TS2.55 2176.00 Cycles
TS2.55 2179.00 Cycles
TS2.55 2179.00 Cycles
TS2.55 2179.00 Cycles
TS2.56 2184.00 Cycles
TS2.57 2241.00 Cycles
TS2.58 2219.00 Cycles
TS2.58 2219.00 Cycles
TS2.59 2251.00 Cycles
TS2.56 2184.00 Cycles
TS2.56 2184.00 Cycles
TS2.57 2179.00 Cycles
TS2.56 2184.00 Cycles
TS2.56 2184.00 Cycles
TS2.57 2179.00 Cycles
TS2.56 2184.00 Cycles
TS2.57 2179.00 Cycles
TS2.56 2184.00 Cycles
TS2.57 2241.00 Cycles
TS2.56 2184.00 Cycles
TS2.56 2184.00





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
 TS2.15CmdlgnSts_Cnt_u16==>Min
TS2.16CmdlgnSts_Cnt_u16==>Max
TS2.17CmdlgnSts_Cnt_u16==>Pos
 TS2.18OperationalModeSts_Cnt_u16==>Min
IS2.18OperationalModeSts_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
TS2.47startstopLogicEnable_Un_m_igc==>Max
TS2.48k_VehSpdEngOn_Kph_f32==>Min
TS2.49k_VehSpdEngOn_Kph_f32==>Max
TS2.50k_VehSpdEngOn_Kph_f32==>Pos
TS2.51k_VehSpdEngOn_Kph_f32==>Def
TS2.52k_CTermOpModeStsTimeout_mS_u16==>Min / Def
TS2.53k_CTermOpModeStsTimeout_mS_u16==>Max
 TS2.54k_CTermOpModeStsTimeout_mS_u16==>Pos
TS2.55PowerLatchTimeDID191D_Cnt_M_u16==>Min
TS2.56PowerLatchTimeDID191D_Cnt_M_u16==>Max
 TS2.57PowerLatchTimeDID191D_Cnt_M_u16==>Pos
 TS2.58StartStopSts_Cnt_u8==>Min
TS2.59StartStopSts_Cnt_u8==>Max
 TS2.60StartStopSts_Cnt_u8==>Pos
TS2.60StartStopSts_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
TS2.65Rte_Call_ComM_UserRequest_GetCurrentComMode==>Max
TS2.67Rte_Call_ComM_UserRequest_GetCurrentComMode==>Max
TS2.68Rte_Call_ComM_UserRequest_GetCurrentComMode==>Pos
TS2.69Rte_Call_SystemTime_DtrmpElansedTime_mS_u16==>Min
 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_loHwAb_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_CmdlgnSts_0	0
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCo	r 0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0

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VehPwrMd_Per1

Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	0		
k_CTermOpModeStsTimeout_mS_u16	0		
k_CTermShutdownTimeout_mS_u16	0		
k_RampDnRt_UlspmS_f32	9.9999975e-005		
k_RampUpRtLoSpd_UlspmS_f32	9.9999975e-005		
k_VehSpdEngOn_Kph_f32	0		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	0		
target_GetSystemTime_mS_u32_CurrentTime	0		
target_loHwAb_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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRampRampRampRampRampRampRampRampRamp$	9.9999975e-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 Igc	1		
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComMode		
CtermOpModeStsTimer mS M u32	4294967295		
CtermShutdownTimer mS M u32	4294967295		
DtrmnElapsedTime mS u16(ElapsedTime)	arget_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime mS u32(CurrentTime)	CtermShutdownTimer mS M u32		
IoHwAb GetEpsEn(signal)	target_loHwAb_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_0	7		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCon			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt en			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLog			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed			
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	0.0049999989		
k_VehSpdEngOn_Kph_f32	512		
target_ComM_GetCurrentComMode_ComMode	2		
target DtrmnElapsedTime mS u16 ElapsedTime	65535		
target GetSystemTime mS u32 CurrentTime	0		
target_loHwAb_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	✓	
PowerLatchTimeDID191D_Cnt_M_u16	0 0	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive		~	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00499999989 ± 0.00390625	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa		✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchT		✓	
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_loHwAb_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
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCorrections and the property of the property$	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_enceed and the property of t$	2
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM	1
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogical Control of the Contro$	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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RB.Rte_RD$	1	1	•
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_RB.Rte_RB$	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	~
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_PowerLatchTickleberger (App.) A property of the p$	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	✓

Took Ston 2.4 (Bonock Count - 4)			-0
Test Step 2.4 (Repeat Count = 1) Name	Input Value		~
	0		
CTermActive_Cnt_M_lgc	-	- 4-	
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComM	ode	
CtermOpModeStsTimer_mS_M_u32	2101752320		
CtermShutdownTimer_mS_M_u32	2101752320	177	
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapsed		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTin	ne	
IoHwAb_GetEpsEn(signal)	target_loHwAb_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			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor			
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		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_StartStopLogical StartStopLogical Research (StartStopLogical Researc$	0		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Remails (Remails Remails Remails$	1		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_VehicleSpeed and the property of $	368.745911		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_VehicleSpeed and the property of $	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_loHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	~
CtermOpModeStsTimer_mS_M_u32	2101752320	2101752320	~

VehPwrMd_Per1



Name	Actual Value	Expected Value	Result
CtermShutdownTimer_mS_M_u32	2101752320	2101752320	~
OpModeSts_Cnt_M_u16	6	6	~
PowerLatchTimeDID191D_Cnt_M_u16	0	0	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_$	1	1	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	1	1	•
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRame Results (Apple of the Company of the Com$	0.00190000003	0.00190000003 ± 0.00390625	•
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa	1	1 ± 0.00390625	•
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTells$	0	0	~
StartStopLogicEnable_Cnt_M_lgc	0	0	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	~

Test Step Call Trace			V	
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 ComM	ode	
CtermOpModeStsTimer mS M u32	2270575616		
CtermShutdownTimer mS M u32	2270575616		
DtrmnElapsedTime mS u16(ElapsedTime)	target DtrmnElapsedTime mS u16 Elapse	dTime	
GetSystemTime_mS_u32(CurrentTime)	target GetSystemTime mS u32 CurrentTir		
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_CmdlgnSts_C			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCor			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop:			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed			
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_loHwAb_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				V
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_ComM	ode	
CtermOpModeStsTimer mS M u32	1636568832		
CtermShutdownTimer mS M u32	1636568832		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapsed	dTime	
GetSystemTime_mS_u32(CurrentTime)	target GetSystemTime mS u32 CurrentTin		
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 CmdlgnSts C	6		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCor			
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_loHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive Cnt M Igc	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 ± 0.00390625	•
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa		0 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi		239	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	•
VehPwrMd2msCounter_Cnt_M_u16	393	393	✓

Test Step Call Trace			V	
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_loHwAb_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				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	loHwAb_GetEpsEn	1	~
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	~





Test Step 2.8 (Repeat Count = 1)			V
Name	Input Value		
CTermActive Cnt M lgc	0		
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComM	lode	
CtermOpModeStsTimer mS M u32	2408775936		
CtermShutdownTimer mS M u32	2408775936		
DtrmnElapsedTime mS u16(ElapsedTime)	target DtrmnElapsedTime mS u16 Elapse	dTime	
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTir		
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_CmdlgnSts_C	7		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCor			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt en			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts			
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			
StartStopLogicEnable Cnt M Igc	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_loHwAb_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	Ö	0	~
StartStopLogicEnable_Cnt_M_lgc	0	0	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	*

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	loHwAb_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
loHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	10
PowerLatchTimeDID191D_Cnt_M_u16	76
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdlgnSts_Compact = 0.0000000000000000000000000000000000$	3
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlConstruction (Construction of the Construction of the Construction of the Construction of the Construction (Construction of the Construction of the Construction$	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		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogical Control of the Contro$	1		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_Ve$	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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RB.Rte_RD.VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RB.Rte_RD.VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_Per1.Rte_RD.VehPwrM$	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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTinus Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTinus Ap_VehPwrMd_Per1.Rte_PowerLatchTinus Ap_VehPwrMd_Per1.Rte_PowerLatchTinus Ap_VehPwrMd_Per1.Rte_PowerLatchTinus Ap_VehPwrMd_Per1.Rte_PowerLatchTinus Ap_VehPwrMd_Per1.Rte_PwrMd_Per1.Rte_PwrMd_PwrMd_PwrMd_PwrMd_PwrMd_PwrMd_PwrMd_PwrMd_PwrM$	76	76	~
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	128	128	~

Test Step Call Trace				V
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_ComM	lode	
CtermOpModeStsTimer_mS_M_u32	1627798016		
CtermShutdownTimer_mS_M_u32	1627798016		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapse	dTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTir	me	
IoHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	13		
PowerLatchTimeDID191D_Cnt_M_u16	55		
Rte_ModeMachine_StaMd9_SystemState9_Mode	4		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdlgnSts_Compact = 0.0000000000000000000000000000000000$	2		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlConstant (See EngONSrlConstant (See EngONSrl$	r 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_ender and an approximation of the content of $	0		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Operational Materials and Ma$	8		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLog$	i 1		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_R$	3		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeeds and the property of th$	323.187805		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeeds and the property of th$	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_loHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	-
CtermOpModeStsTimer_mS_M_u32	1627798016	1627798016	~

VehPwrMd_Per1





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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRampRampRampRampRampRampRampRampRamp$	0.000199999995	0.000199999995 ± 0.00390625	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa	1	1 ± 0.00390625	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_PwrMd_Pw$	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	loHwAb_GetEpsEn	1	~
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	~

Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
CTermActive Cnt M Igc	1		
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComM	ode	
CtermOpModeStsTimer mS M u32	2582910208		
CtermShutdownTimer_mS_M_u32	2582910208		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapse	dTime	
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTir		
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 CmdlgnSts C	6		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCor			
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			
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 Igc	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_loHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive Cnt M Igc	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 ± 0.00390625	✓
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa		0 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi		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_ComM	ode	
CtermOpModeStsTimer mS M u32	2376808192		
CtermShutdownTimer mS M u32	2376808192		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapsed	dTime	
GetSystemTime_mS_u32(CurrentTime)	target GetSystemTime mS u32 CurrentTin		
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 CmdlgnSts 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	9.9999975e-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_loHwAb_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 ± 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	loHwAb_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_loHwAb_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 CmdlgnSts 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_loHwAb_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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	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)		v v v v v v v v v v v v v v v v v v v
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_loHwAb_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_CmdlgnSts_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_loHwAb_GetEpsEn_signal	1	
Name	Actual Value Expected Value	Resul
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 ± 0.003	390625
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1 ± 0.00390625	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	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_loHwAb_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_CmdlgnSts_0	0
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlControl (No. 1) $	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_loHwAb_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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_ATermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RB.Rte_RD.VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_Per1.Rte_ATermActive_Rte_RD.VehPwrMd_Per1.Rte_RD.VehPwrM$	0	0	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_RB.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_RB.Rt$	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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd$	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_ComM	lode	
CtermOpModeStsTimer_mS_M_u32	175975168		
CtermShutdownTimer_mS_M_u32	175975168		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapse	dTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTin	me	
IoHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	2		
PowerLatchTimeDID191D_Cnt_M_u16	251		
Rte_ModeMachine_StaMd9_SystemState9_Mode	0		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdlgnSts_Order (Applied From From From From From From From From$	7		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlConstant (See EngONSrlConstant (See EngONSrl$	1		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop	1		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_MEC_Cnt_error and an approximation of the property of the propert$	0		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_Operational Matter and Matt$	10		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_StartStopLog$	i 0		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rt$	2		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_VehicleSpeed and the property of $	95.9821014		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_VehicleSpeed and the property of $	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_loHwAb_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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Rte_Task_2ms_9.Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_$	0	0	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	1	1	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRame Results (Apple of the Company of the Com$	0.00219999999	0.00219999999 ± 0.00390625	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa	1	1 ± 0.00390625	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTells$	251	251	~
StartStopLogicEnable_Cnt_M_lgc	0	0	~
VehPwrMd2msCounter_Cnt_M_u16	371	371	✓

Test Step Call Trace				V
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 ComM	ode	
CtermOpModeStsTimer mS M u32	1653817856		
CtermShutdownTimer_mS_M_u32	1653817856		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapse	dTime	
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTir		
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 CmdlgnSts C	6		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCor			
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			
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 Igc	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 Igc	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 ± 0.00390625	•
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa		0 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi		0	•
StartStopLogicEnable_Cnt_M_lgc	0	0	•
VehPwrMd2msCounter_Cnt_M_u16	0	0	•

Test Step Call Trace				V
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	~

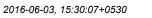


Test Step 2.18 (Repeat Count = 1) ✓				
Name	Input Value			
CTermActive Cnt M Igc	1			
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComM	lode		
CtermOpModeStsTimer mS M u32	4084006144			
CtermShutdownTimer_mS_M_u32	4084006144			
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapse	dTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTir	me		
IoHwAb_GetEpsEn(signal)	target_loHwAb_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 CmdlgnSts 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				
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 Igc	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_loHwAb_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		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa		0.00200000009 ± 0.00390625	•	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa		1 ± 0.00390625	•	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi		0	✓	
StartStopLogicEnable_Cnt_M_lgc	0	0	•	
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	loHwAb_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_loHwAb_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 CmdlgnSts 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

VehPwrMd_Per1





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_loHwAb_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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	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_PowerLatchTerms and the property of the property $	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)			V	
Name	Input Value			
CTermActive Cnt M Igc	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 ElapsedTin	ne		
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_CmdlgnSts_C	3			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCor				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt en				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed				
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	xpected Value	Result	
CTermActive_Cnt_M_lgc	1	•	~	
CtermOpModeStsTimer mS M u32	3509280512	509280512	~	
CtermShutdownTimer_mS_M_u32	3509280512 35	509280512		
OpModeSts Cnt M u16	10)	~	
PowerLatchTimeDID191D Cnt M u16	0 0			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1		-	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermActive				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa		000199999995 ± 0.00390625	✓	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa		± 0.00390625	~	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatchTi			✓	
StartStopLogicEnable_Cnt_M_lgc	1 1		~	
VehPwrMd2msCounter Cnt M u16	0 0		v	

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_loHwAb_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
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCornection (Cornection Cornection (Cornection (Cornection$	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_MEC_Cnt_ender (Applied From From From From From From From From$	2
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM	4
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_StartStopLogical Results of the property of the p$	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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Rte_Task_2ms_9.Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_$	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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_R$	i 0	0	~
StartStopLogicEnable_Cnt_M_lgc	0	0	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	~

Test Step Call Trace				V
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)	Input Value		
Name	·		
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	3	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_loHwAb_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			
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Reset = Reset = Rese$			
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Reset = Reset = Rese$	e_EngStartStop: 1		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte	e MEC Cnt en 1		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Reset = Reset = Rese$	e_OperationalM 5		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Reset = 1.00000000000000000000000000000000000$	e_StartStopLogi 0		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Reset = 1.00000000000000000000000000000000000$	e_StartStopSts_ 3		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Reset = 1.00000000000000000000000000000000000$	e_VehicleSpeed 280.613586		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Reset = 1.00000000000000000000000000000000000$	e_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_loHwAb_GetEpsEn_signal	1		
Name	Actual Value Ex	pected Value	Resul
CTermActive_Cnt_M_lgc	1 1		
CtermOpModeStsTimer_mS_M_u32	883740928 883	3740928	
CtermShutdownTimer mS M u32		3740928	





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	Ō	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	loHwAb_GetEpsEn	1	~
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	~

Test Step 2.23 (Repeat Count = 1)	Immut Value				
Name	Input Value				
CTermActive_Cnt_M_lgc	0				
ComM_GetCurrentComMode(ComMode)	V	target_ComM_GetCurrentComMode_ComMode			
CtermOpModeStsTimer_mS_M_u32	2324288256				
CtermShutdownTimer_mS_M_u32	2324288256				
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u	u16_ElapsedTime			
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32	_CurrentTime			
IoHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_signa	ıl			
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_CmdlgnSt	ts_C 1				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSr	ICor 0				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartS	Stop: 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_Operation	alM 15				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopl	Logi 1				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStop	Sts 1				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSp	peed 19.5473995				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSp					
StartStopLogicEnable Cnt M Igc	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_loHwAb_GetEpsEn_signal	0				
Name	Actual Value	Expected Value	Resul		
		·	Resui		
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_ATermAct		1	•		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermAc		0	•		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRam		0.00209999993 ± 0.00390625	•		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRam	pVa 0	0 ± 0.00390625	•		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLate		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	V



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_Elapse	dTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTir	ne		
IoHwAb_GetEpsEn(signal)	target_loHwAb_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_CmdlgnSts_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	ogi 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_loHwAb_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_loHwAb_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_CmdlgnSts_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 RIe_Task_2ms_9.Rie_RB.Rie_Ap_VehPwrMd_VehPwrMd_Perl.Rie_Operational M 1 Rie_Task_2ms_9.Rie_RB.Rie_Ap_VehPwrMd_VehPwrMd_Perl.Rie_StartStop.cgi 0 Rie_Task_2ms_9.Rie_RB.Rie_Ap_VehPwrMd_VehPwrMd_Perl.Rie_VehicleSpeed 461.435913 Rie_Task_2ms_9.Rie_RB.Rie_Ap_VehPwrMd_VehPwrMd_Perl.Rie_VehicleSpeed 461.435913 Rie_Task_2ms_9.Rie_RB.Rie_Ap_VehPwrMd_VehPwrMd_Perl.Rie_VehicleSpeed 1 Rie_Task_2ms_9.Rie_RB.Rie_Ap_VehPwrMd_VehPwrMd_Perl.Rie_VehicleSpeed 1 K_ETask_2ms_9.Rie_RB.Rie_Ap_VehPwrMd_VehPwrMd_Perl.Rie_VehicleSpeed 1 K_CTermOphdodeStsTimeout_mS_u16 10121 k_CTermShuldzomTimeout_mS_u16 54167 k_CTermShuldzomTimeout_mS_u16 54167 k_RampDnRt_UispmS_f132 0.0044999981 k_VenSpdEngOn_Kph_f32 261.69288 target_ComM_GelCurrentComMode_ComMode 2 target_DimmElapsedTime_mS_u16_ElapsedTime 42063 target_DimmElapsedTime_mS_u19_CurrentTime 42063 target_LothAb_GetEpsEn_signal 0 CTermActive_Cnt_M_igc 4ctual Value Expected Value Result CTermActive_Cnt_Mul_get 1 1 1				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLog	Name	Input Value		
Rte Task 2ms 9. Rte RB Rte Ap VehPwrMd VehPwrMd Perl Rte StartStopSts	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_VehicleSpeed 1	$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogical Control of the Contro$	0		
Rte_Task_Zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed 1	Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	3		
StartStopLogicEnable_Cnt_M_igc 0	Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	461.435913		
VehPwrMdZmsCounter_Cnt_M_u16 23 k_CTermOpModeStsTimeout_mS_u16 10121 k_CTermShutdownTimeout_mS_u16 54167 k_RampDnRt_UlspmS_f32 0.00449999981 k_RampDnRt_UlspmS_f32 0.00380000006 k_VehSpdEngOn_Kph_f32 261.692688 target_ComM_GetCurrentComMode_ComMode 2 target_DtmnrElapsedTime_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 4 CtermOpModeStsTimer_mS_M_u32 2552161536 2552161536 2552161536 CtermOpModeStsTimer_mS_M_u32 2552161536 2552161536 4 CtermShutdownTimer_mS_M_u32 2552161536 2552161536 2552161536 4 CtermShutdownTimer_mS_M_u32 2552161536 2552161536 2552161536 4 CtermShutdownTimer_mS_M_u32 252 252161536 2552161536 4 CtermShutdownTimer_mS_M_u32 201 1 4<	Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1 1		
k_CTermOpModeStsTimeout_mS_u16 10121 k_CTermShutdownTimeout_mS_u16 54167 k_RampUpRtLulspmS_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_DetSystemTime_mS_u32_CurrentTime 2552161536 target_loHwAb_GetEpsEn_signal 0 Name Actual Value Expected Value Result CTermActive_Cnt_M_igc 1 1 4 CermShutdownTime_mS_M_u32 2552161536 2552161536 2552161536 CermShutdownTime_mS_M_u32 2552161536 2552161536 2552161536 CermShutdownTime_mS_M_u32 2552161536 <td< td=""><td>StartStopLogicEnable_Cnt_M_lgc</td><td>0</td><td></td><td></td></td<>	StartStopLogicEnable_Cnt_M_lgc	0		
k_CTermShutdownTimeout_mS_u16 54167 k_RampDnRt_UlspmS_f32 0.0044999981 k_RampUpRtLoSpd_UlspmS_f32 0.00380000006 k_VehSpdEngOn_Kph_f32 261.692688 k_TermShutdownTime_mS_u16_ElapsedTime 42063 target_OrmM_GetCurrentComMode_ComMode 2 target_GetSystemTime_mS_u32_CurrentTime 42063 target_loHwAb_GetEpsEn_signal 0 Name Actual Value Expected Value Result CTermActive_Cnt_M_lgc 1 1 1 4 C 4 C C C C C C C C C C C C C C C C A C A C A C A C A C A C A C A C A C C C A C C C C A C C C C C C C C C C C C C C C C C C C C C </td <td>VehPwrMd2msCounter_Cnt_M_u16</td> <td>23</td> <td></td> <td></td>	VehPwrMd2msCounter_Cnt_M_u16	23		
k_RampDnRt_UlspmS_f32 0.00449999981 k_RampUpRtLoSpd_UlspmS_f32 0.00380000006 k_VehSpdEngOn_Kph_f32 261.692688 target_DtrmnElapsedTime_mS_u16_ElapsedTime 42063 target_DetSystemTime_mS_u32_CurrentTime 2552161536 target_IO+IMAb_GetEpsEn_signal 0 Name Actual Value Expected Value Result CTermActive_Cnt_M_lgc 1 1 V CtermOpModeStsTimer_mS_M_u32 2552161536 2552161536 V CtermShutdownTimer_mS_M_u32 2552161536 2552161536 V OpModeSts_Cnt_M_u16 1 1 V PowerLatchTimeDID191D_Cnt_M_u16 201 201 V Rte_Task_2ms_9.Rte_RB_Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB_Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB_Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB_Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB_Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB_Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB_Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB_Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB_Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB_Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB_Rte_Ap_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB_Rte_Ap_VehP	k_CTermOpModeStsTimeout_mS_u16	10121		
k_RampUpRtLoSpd_UlspmS_f32 0.00380000006 k_VehSpdEngOn_Kph_f32 261.692688 target_ComM_GetCurrentComMode_ComMode 2 target_DtrmnElapsedTime_mS_u16_ElapsedTime 42063 target_JetSystemTime_mS_u32_CurrentTime 2552161536 target_JoHwAb_GetEpsEn_signal 0 Name Actual Value Expected Value Result CTermActive_Cnt_M_lgc 1 1 4	k_CTermShutdownTimeout_mS_u16	54167		
k_VenSpEngOn_Kph_f32 261.692688 target_ComM_GetCurrentComMode_ComMode 2 target_DtrmnElapsedTime_mS_u16_ElapsedTime 42063 target_GetSystemTime_mS_u32_CurrentTime 2552161536 target_loHwAb_GetEpsEn_signal 0 Name Actual Value Expected Value Result CTermActive_Cnt_M_lgc 1 1 1 1 CtermOpModeStsTimer_mS_M_u32 2552161536 2552161536 2552161536 2552161536 2552161536 2552161536 20 OpModeSts_Cnt_M_u16 1 <	k_RampDnRt_UlspmS_f32	0.00449999981		
target_ComM_GetCurrentComMode_ComMode 2 target_DtrmnElapsedTime_mS_u16_ElapsedTime 42063 target_GetSystemTime_mS_u32_CurrentTime 2552161536 target_loHwAb_GetEpsEn_signal 0 Name Actual Value Expected Value Result CTermActive_Cnt_M_lgc 1 2 2 252161536 2552161536 2552161536 2552161536 2552161536 2552161536 2552161536 201 <td< td=""><td>k_RampUpRtLoSpd_UlspmS_f32</td><td>0.00380000006</td><td></td><td></td></td<>	k_RampUpRtLoSpd_UlspmS_f32	0.00380000006		
target_DtrmnElapsedTime_mS_u16_ElapsedTime 42063 target_GetSystemTime_mS_u32_CurrentTime 2552161536 target_loHwAb_GetEpsEn_signal 0 Name Actual Value Expected Value Result CTermActive_Cnt_M_lgc 1 1 4 552161536 201 201	k_VehSpdEngOn_Kph_f32	261.692688		
target_GetSystemTime_mS_u32_CurrentTime 2552161536 target_loHwAb_GetEpsEn_signal 0 Name Actual Value Expected Value Result CTermActive_Cnt_M_lgc 1	target_ComM_GetCurrentComMode_ComMode	2		
target_loHwAb_GetEpsEn_signal 0 Name Actual Value Expected Value Result CTermActive_Cnt_M_lgc 1 1 1 1 1 1 1 1 1 1 1 1 1 2552161536 2011 201 201 201 201 201 201 201 201 201 <t< td=""><td>target_DtrmnElapsedTime_mS_u16_ElapsedTime</td><td>42063</td><td></td><td></td></t<>	target_DtrmnElapsedTime_mS_u16_ElapsedTime	42063		
Name Actual Value Expected Value Result CTermActive_Cnt_M_lgc 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 552161536 2011 201 201 201 201 201 201 201 201 201 201 <	target_GetSystemTime_mS_u32_CurrentTime	2552161536		
CTermActive_Cnt_M_lgc 1 1 1 CtermOpModeStsTimer_mS_M_u32 2552161536 2552161536 2552161536 CtermShutdownTimer_mS_M_u32 2552161536 2552161536 2552161536 OpModeSts_Cnt_M_u16 1 1 1 PowerLatchTimeDID191D_Cnt_M_u16 201 201 201 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa 0.00380000006 0.00380000006 ± 0.0038000006 ± 0.00390625 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa 1 1 ± 0.00390625 1 ± 0.00390625 Rte Task 2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi_StartStopLogicEnable_Cnt_M_lgc 0 0 0	target_loHwAb_GetEpsEn_signal	0		
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_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_OperRampVa_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_OperRampVa_Rt	Name	Actual Value	Expected Value	Result
CtermShutdownTimer_mS_M_u32 2552161536 2552161536 2552161536 OpModeSts_Cnt_M_u16 1 1 1 PowerLatchTimeDID191D_Cnt_M_u16 201 201 201 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa 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	CTermActive_Cnt_M_lgc	1	1	~
OpModeSts_Cnt_M_u16 1 1 201	CtermOpModeStsTimer_mS_M_u32	2552161536	2552161536	~
PowerLatchTimeDID191D_Cnt_M_u16 201	CtermShutdownTimer_mS_M_u32	2552161536	2552161536	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi Other Company	OpModeSts_Cnt_M_u16	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi 201 201 StartStopLogicEnable_Cnt_M_Igc 0 0	PowerLatchTimeDID191D_Cnt_M_u16	201	201	~
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 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa 201 201 StartStopLogicEnable_Cnt_M_lgc 0 0	$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	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 PowerLatchTi 201 201 201 StartStopLogicEnable_Cnt_M_lgc 0	$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRame Results (Apple of the Company of the Com$	0.00380000006	0.00380000006 ± 0.00390625	~
StartStopLogicEnable_Cnt_M_lgc 0 0	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	i 201	201	~
VehPwrMd2msCounter_Cnt_M_u16 24 24	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	~

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	CmdlgnSts C 1	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte		
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	9.9999975e-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_loHwAb_GetEpsEn_signal	0	
Name	Actual Value Expected	I Value Resul
CTermActive_Cnt_M_lgc	1 1	•

VehPwrMd_Per1





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 Igc	0		
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComM	Mode	
CtermOpModeStsTimer mS M u32	3786180352		
CtermShutdownTimer mS M u32	3786180352		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapse	edTime	
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTi		
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 CmdlgnSts (4		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCo			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt er			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalN			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLog			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeer			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed			
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_loHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive Cnt M Igc	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	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermActive		0	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRi	-	0.00499999989 ± 0.00390625	•
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa		0 ± 0.00390625	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatchT		114	~
StartStopLogicEnable Cnt M Igc	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_ComM	ode	
CtermOpModeStsTimer mS M u32	1567960576		
CtermShutdownTimer mS M u32	1567960576		
DtrmnElapsedTime mS u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapse	dTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTin		
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 CmdlgnSts C	4		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCor			
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			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed			
StartStopLogicEnable Cnt M Igc	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 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa		0 ± 0.00390625	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi		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_CurrentTir	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_loHwAb_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 EngONSrlCd	or 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_er	0			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	л O			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLog	yi O			
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_VehicleSpee	d 395.828888			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpee	d 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	9.9999975e-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_loHwAb_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_OperRampR	a 9.9999975e-005	9.99999975e-005 ± 0.00390625	✓	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_NehPwrMd_Per1.Rte_OperRampVehPwrMd_Neh	a 1	1 ± 0.00390625	~	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatch	Ti 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_loHwAb_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_StartStopLogic	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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	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	6_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_0	CurrentTime		
IoHwAb_GetEpsEn(signal)	target_loHwAb_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_CmdlgnStr	s_C 1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrl	Cor 1			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartS	top: 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_Operational	alM 6			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopL	.ogi 0			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopS	Sts_ 1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSp	eed 211.351593			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSp	eed 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	Resu	
CTermActive Cnt M Igc	1	1	,	
CtermOpModeStsTimer mS M u32	937917184	937917184	,	
CtermShutdownTimer mS M u32	937917184	937917184		
OpModeSts_Cnt_M_u16	6	6		
PowerLatchTimeDID191D Cnt M u16	0	0		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte ATermActi	-	1		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermAct		1		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRamp	-	0.000500000024 ± 0.00390625		

Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa 1

Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatchTi 0

1 ± 0.00390625





Name	Actual Value	Expected Value	Result
StartStopLogicEnable_Cnt_M_lgc	0	0	~
VehPwrMd2msCounter Cnt M u16	0	0	✓

Test Step Call Trace			V	
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_0	ComMode		
CtermOpModeStsTimer_mS_M_u32	664031744	664031744		
CtermShutdownTimer_mS_M_u32	664031744	664031744		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_E	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_Curr	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_loHwAb_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 CmdlgnSts	C 7			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCo	or 1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartSto	p: 0			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_e	n 2			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Operational	Л 11			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLog	gi O			
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 VehicleSpee				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpee	ed 1			
StartStopLogicEnable Cnt M lgc	1			
VehPwrMd2msCounter_Cnt_M_u16	247			
CTermOpModeStsTimeout mS u16	59845			
c_CTermShutdownTimeout_mS_u16	22049			
RampDnRt UlspmS f32	0.00319999992			
RampUpRtLoSpd UlspmS f32	0.00340000005			
C VehSpdEngOn Kph f32	125.061501			
arget ComM GetCurrentComMode ComMode	2			
arget DtrmnElapsedTime mS u16 ElapsedTime	31490			
arget GetSystemTime mS u32 CurrentTime	664031744			
target_loHwAb_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		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermActive	=	1		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampR	-	0.00340000005 ± 0.00390625		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampV		1 ± 0.00390625		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatch		0		
StartStopLogicEnable_Cnt_M_lgc	0	0		
	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_Elapse	edTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTi	me	
loHwAb_GetEpsEn(signal)	target_loHwAb_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_CmdlgnSts_0	C 3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCo	or 1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0: 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_er	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	1 5		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLog	yi 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_VehicleSpee	d 223.968307		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpee	d 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_loHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Resul
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 OperRampR.		0.00219999999 ± 0.00390625	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_PwrMd_Per1.Rte_OperRampVehPwrMd_Pw	a 1	1 ± 0.00390625	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatch1	ri 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	loHwAb_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_loHwAb_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_CmdlgnSts_C	5
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_EngONSrlCornection (Cornection Cornection (Cornection (Cornecti$	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_ender and approximation of the property of t$	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	2
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogical Control of the Contro$	1
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_R$	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





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	a 0	0 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchT	ï 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)	Immut Value		
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_Elapsed		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTim	ne	
IoHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	15		
PowerLatchTimeDID191D_Cnt_M_u16	119		
Rte_ModeMachine_StaMd9_SystemState9_Mode	3		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_CmdlgnSts_Capple and the property of the property$	1		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_EngONSrlCor$	0		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_EngStartStop: Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_EngStartStop: Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_RB. R$	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		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_Ve$	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	

VehPwrMd_Per1





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	loHwAb_GetEpsEn	1	~
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	•
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	•

Test Step 2.36 (Repeat Count = 1)			V
Name	Input Value		
CTermActive_Cnt_M_lgc	1		
ComM_GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComM	lode	
CtermOpModeStsTimer mS M u32	1091918848		
CtermShutdownTimer mS M u32	1091918848		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapse	edTime	
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTin		
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_CmdlgnSts_C	3		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCor			
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_loHwAb_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				V
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)			V
Name	Input Value		
CTermActive Cnt M lgc	0		
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComMo	ode	
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_CmdlgnSts_C	6		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCor			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt en			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed			
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_loHwAb_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_loHwAb_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_CmdlgnSts_C	7
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCornection (Cornection of the Cornection of the Cornection of the Cornection (Cornection of the Cornection o$	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
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogical Control of the Contro$	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_loHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	~
CtermOpModeStsTimer_mS_M_u32	3534665216	3534665216	~
CtermShutdownTimer_mS_M_u32	3534665216	3534665216	~
OpModeSts_Cnt_M_u16	1	1	~
PowerLatchTimeDID191D_Cnt_M_u16	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00150000001	0.00150000001 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchT	i 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_loHwAb_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_Cmdl	lgnSts_C 3	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngC	DNSrlCor 0	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngS	StartStop: 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_Opera	ationalM 13	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartS	StopLogi 0	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartS	StopSts_ 3	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Vehic	cleSpeed 142.643295	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Vehic	cleSpeed 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_loHwAb_GetEpsEn_signal	Ō	
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				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	loHwAb_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_GetCurrentCom	Mode_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_u3	2_CurrentTime	
loHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_sign	nal	
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 C	mdlgnSts C 5		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte Ei			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte Ei	ngStartStop 2		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte M	EC Cnt en 1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_O	perationalM 9		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte St			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte St	·		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte Ve	· -		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte Ve	· ·		
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	Resul
CTermActive Cnt M Igc	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	٠,
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte A	TermActive 1	1	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_C		1	٠,
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte O		0.00159999996 ± 0.00390625	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte O		1 ± 0.00390625	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte Pe		0	
StartStopLogicEnable Cnt M Igc	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_ComM	ode	
CtermOpModeStsTimer mS M u32	3996525312		
CtermShutdownTimer mS M u32	3996525312		
DtrmnElapsedTime mS u16(ElapsedTime)	arget_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTin		
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_CmdlgnSts_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_loHwAb_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 ± 0.00390625	✓
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_loHwAb_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_CmdlgnSts_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_loHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	~
CtermOpModeStsTimer_mS_M_u32	4048050688	4048050688	~
CtermShutdownTimer_mS_M_u32	4048050688	4048050688	-
OpModeSts_Cnt_M_u16	4	4	~
PowerLatchTimeDID191D_Cnt_M_u16	23	23	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRampRampRampRampRampRampRampRampRamp$	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	~	

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	
loHwAb 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	CmdlgnSts C 7	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte		
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_	/ehicleSpeed 317.08551	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_	/ehicleSpeed 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_loHwAb_GetEpsEn_signal	1	
Name	Actual Value Expected	d Value Resul
CTermActive_Cnt_M_lgc	0 0	4

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Name	Actual Value	Expected Value	Result
CtermOpModeStsTimer_mS_M_u32	430814464	430814464	~
CtermShutdownTimer_mS_M_u32	430814464	430814464	~
OpModeSts_Cnt_M_u16	4	4	~
PowerLatchTimeDID191D_Cnt_M_u16	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	~
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 ComM	•		
CtermOpModeStsTimer mS M u32	2074715136			
CtermShutdownTimer mS M u32	2074715136			
DtrmnElapsedTime mS u16(ElapsedTime)	target DtrmnElapsedTime mS u16 Elapse	dTime		
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTin			
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_CmdlgnSts_0	2			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCo				
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 er				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalN	1 5			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLog				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpee				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpee				
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_loHwAb_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_OperRampR	a 0.00400000019	0.00400000019 ± 0.00390625	•	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_VehPwrMd_Per1.Rte_OperRampVehPwrMd_PwrMd_Per1.Rte_OperRampVehPwrMd_PwrMd	a 0	0 ± 0.00390625	•	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatch1	Ti 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)			V	
Name	Input Value			
CTermActive_Cnt_M_lgc	0			
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComM	lode		
CtermOpModeStsTimer_mS_M_u32	1949423360			
CtermShutdownTimer_mS_M_u32	1949423360			
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapse	dTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTin	me		
IoHwAb_GetEpsEn(signal)	target_loHwAb_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 CmdlgnSts 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				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed				
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_loHwAb_GetEpsEn_signal	0			
Name	Actual Value	Expected Value	Result	
	0	0	Result	
CTermActive_Cnt_M_lgc				
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		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive		0	-	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa		0.00389999989 ± 0.00390625	- J	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa		0 ± 0.00390625	· ·	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi		0	- J	
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_CurrentTim	ne	
IoHwAb_GetEpsEn(signal)	target_loHwAb_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_CmdlgnSts_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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	1	1	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRampRampRampRampRampRampRampRampRamp$	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	-	

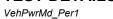
Test Step 2.47 (Repeat Count = 1)	✓
Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	2426865920
CtermShutdownTimer_mS_M_u32	2426865920
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_loHwAb_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 CmdlgnSts C	1
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCornection (Cornection of the Cornection of the Cornection of the Cornection (Cornection of the Cornection o$	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_enceed and the property of t$	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	2
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogical Control of the Contro$	0
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_R$	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_loHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	~
CtermOpModeStsTimer_mS_M_u32	2426865920	2426865920	~
CtermShutdownTimer_mS_M_u32	2426865920	2426865920	~
OpModeSts_Cnt_M_u16	2	2	~
PowerLatchTimeDID191D_Cnt_M_u16	0	0	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	0	0	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRame Results (Apple of the Company of the Com$	0.00230000005	0.00230000005 ± 0.00390625	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa	0	0 ± 0.00390625	~
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_PowerLatchTask_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_PowerLatchTask_9. Rte_RB. Rte_Ap_VehPwrMd_Per1. Rte_PowerLatchTask_9. Rte_RB. Rt$	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	✓

Name	Input Value		
CTermActive_Cnt_M_lgc	1		
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode	e 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 C		
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 CmdlgnSt	es C 7		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrl	Cor 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartS	Stop: 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_Operation	alM 7		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopl	_ogi 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopS	Sts_ 2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSp	peed 153.916504		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSp	peed 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_loHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Resul
CTermActive Cnt M Igc	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_ATermAct	ive_ 1	1	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermAct	-	0	•
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRam		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				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	loHwAb_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 ComI	Mode			
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_CmdlgnSts_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_loHwAb_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 ± 0.00390625	✓		
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	loHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	~
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓



CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 DtrmnElapsedTime_mS_u16(ElapsedTime) target_Dtrm GetSystemTime_mS_u32(CurrentTime) target_GetS	GetCurrentComMode_ComMode apsedTime_mS_u16_ElapsedTime emTime_mS_u32_CurrentTime _GetEpsEn_signal	
ComM_GetCurrentComMode(ComMode) target_Com CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 DtrmnElapsedTime_mS_u16(ElapsedTime) target_Dtrm GetSystemTime_mS_u32(CurrentTime) target_John LoHAb_GetEpsEn(signal) 0 OpModeSts_Cnt_M_u16 0 PowerLatchTimeDID191D_Cnt_M_u16 131 Rte_ModeMachine_StaMd9_SystemState9_Mode 2 Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSriCor 0 Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSriCor 0 Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop 3 Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_DopationalM 4 Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi 1 Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed 253.092804 Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed 253.092804 Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed 1 StartStopLogicEnable_Cnt_M_ige 0 VehPwrMd2msCounter_Cnt_M_ig 0 VehPwrMd2msCounter_Cnt_M_i	apsedTime_mS_u16_ElapsedTime emTime_mS_u32_CurrentTime	
CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 DtrmnElapsedTime_mS_u12(CurrentTime) target_Dtrm GetSystemTime_mS_u32(CurrentTime) target_IoHw 0pModeSts_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_CmdlgnSts_C 6 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSriCor 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop_3 3 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_DoparationalM 4 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_StartStopSts_3 3 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed 253.092804 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed 253.092804 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_Cn	apsedTime_mS_u16_ElapsedTime emTime_mS_u32_CurrentTime	
DtrmnElapsedTime_mS_M_u32 1808440576 target_Dtrm ElapsedTime_mS_u16(ElapsedTime) target_Dtrm target_Dt	emTime_mS_u32_CurrentTime	
DtrmnElapsedTime_mS_u16(ElapsedTime)	emTime_mS_u32_CurrentTime	
SetSystemTime_mS_u32(CurrentTime) target_GetS	emTime_mS_u32_CurrentTime	
target_loHw OpModeSts_Cnt_M_u16 OpModeSts_Cnt_M_u16 PowerLatchTimeDID191D_Cnt_M_u16 Rte_ModeMachine_StaMd9_SystemState9_Mode Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop: Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop: Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_DoperationalMd_ Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalMd_ 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 Rte_Task_2ms_9.Rte_RB.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed Rte_Task_2ms_9.Rte_RB.Rte_RP.Rte_Ap_VehPwrMd		
OpModeSts_Cnt_M_u16 PowerLatchTimeDID191D_Cnt_M_u16 Rte_ModeMachine_StaMd9_SystemState9_Mode Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor 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_EngStartStop: 3 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_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_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 k_CTermShutdownTimeout_ms_u16 k_CTermShutdownTimeout_ms_u16 k_RampDnRt_Ulspms_f32 k_VehSpdEngOn_Kph_f32 darget_ComM_GetCurrentComMode_ComMode target_DtrmnElapsedTime_ms_u16_ElapsedTime darget_GetSystemTime_ms_u32_CurrentTime target_loHwAb_GetEpsEn_signal Name Actual Val CTermActive_Cnt_M_lgc CtermOpModeStsTimer_ms_M_u32 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16	_GetEpsEn_signal	
PowerLatchTimeDID191D_Cnt_M_u16 Rte_ModeMachine_StaMd9_SystemState9_Mode Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C		
Rte_ModeMachine_StaMd9_SystemState9_Mode Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C		
Rite_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdIgnSts_C Rite_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor Rite_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop Rite_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop Rite_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM 4 Rite_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM 4 Rite_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi 1 Rite_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_ 3 Rite_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed 1 Rite_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed 1 StartStopLogicEnable_Cnt_M_Igc		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor 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_EngStartStop: Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en 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 3 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_VehicleSpeed Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_VehicleSpeed Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_VehicleSpeed Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_VehicleSpeed Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_VehicleSpeed Rte_Task_2ms_9.Rte_Rte_Ap_VehPwrMd_Per1.Rte_VehicleSpeed Rte_Task_2ms_9.Rte_Rte_Ap_VehPwrMd_Per1.Rte_VehicleSpeed Rte_Task_2ms_9.Rte_Rte_Ap_VehPwrMd_Per1.Rte_VehicleSpeed Rte_Task_2ms_9.Rte_Rte_Rte_Re.Rte_Rp_VehPwrMd_Per1.Rte_VehicleSpeed Rte_Task_2ms_9.Rt		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM 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_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 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 0.00260000 k_RampDpRtLoSpd_UlspmS_f32 463.963013 k_VehSpdEngOn_kph_f32 463.963013 target_ComM_GetCurrentComMode_ComMode 2 target_DtmnElapsedTime_mS_u16_ElapsedTime 49387 target_GetSystemTime_mS_u32_CurrentTime 1808440576 target_IoHwAb_GetEpsEn_signal 1 Name Actual Val CtermActive_Cnt_M_lgc 1 CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogic		
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 0.00260000 k_RampUpRtLoSpd_UlspmS_f32 463.963013 k_VehSpdEngOn_Kph_f32 463.963013 target_ComM_GetCurrentComMode_ComMode 2 target_GetSystemTime_mS_u16_ElapsedTime 49387 target_GetSystemTime_mS_u32_CurrentTime 1808440576 target_IoHwAb_GetEpsEn_signal 1 Name Actual Val CtermActive_Cnt_M_lgc 1 CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0		
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 0.00260000 k_RampUpRtLoSpd_UlspmS_f32 0.00060000 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 Val CTermActive_Cnt_M_lgc 1 CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0		
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 0.00260000 k_RampUpRtLoSpd_UlspmS_f32 0.00060000 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 Val CTermActive_Cnt_M_lgc 1 CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0		
StartStopLogicEnable_Cnt_M_lgc 0 VehPwrMd2msCounter_Cnt_M_u16 446 k_CTermOpModeStsTimeout_mS_u16 30573 k_CTermShutdownTimeout_mS_u16 30913 k_RampDnRt_UlspmS_f32 0.00260000 k_RampUpRtLoSpd_UlspmS_f32 0.00060000 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 Val CTermActive_Cnt_M_lgc 1 CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0		
VehPwrMd2msCounter_Cnt_M_u16 446 k_CTermOpModeStsTimeout_mS_u16 30573 k_CTermShutdownTimeout_mS_u16 30913 k_RampDnRt_UlspmS_f32 0.00260000 k_RampUpRtLoSpd_UlspmS_f32 0.00060000 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 Val CTermActive_Cnt_M_lgc 1 CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0		
k_CTermOpModeStsTimeout_mS_u16 30573 k_CTermShutdownTimeout_mS_u16 30913 k_RampDnRt_UlspmS_f32 0.00260000 k_RampUpRtLoSpd_UlspmS_f32 0.00060000 k_VehSpdEngOn_Kph_f32 463.963013 target_ComM_GetCurrentComMode_ComMode 2 target_DtrmnElapsedTime_mS_u16_ElapsedTime 49387 target_GetSystemTime_mS_u32_CurrentTime 1808440576 target_loHwAb_GetEpsEn_signal 1 Name Actual Val CTermActive_Cnt_M_lgc 1 CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0		
k_CTermShutdownTimeout_mS_u16 30913 k_RampDnRt_UlspmS_f32 0.00260000 k_RampUpRtLoSpd_UlspmS_f32 0.00060000 k_VehSpdEngOn_Kph_f32 463.963013 target_ComM_GetCurrentComMode_ComMode 2 target_DtrmnElapsedTime_mS_u16_ElapsedTime 49387 target_GetSystemTime_mS_u32_CurrentTime 1808440576 target_loHwAb_GetEpsEn_signal 1 Name Actual Val CTermActive_Cnt_M_lgc 1 CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0		
k_RampDnRt_UlspmS_f32 0.00260000 k_RampUpRtLoSpd_UlspmS_f32 0.00060000 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 Val CTermActive_Cnt_M_lgc 1 CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0		
k_RampUpRtLoSpd_UlspmS_f32 0.00060000 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 Val CTermActive_Cnt_M_lgc 1 CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0		
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 Val CTermActive_Cnt_M_lgc 1 CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0		
k_VehSpdEngOn_Kph_f32 463.963013 target_ComM_GetCurrentComMode_ComMode 2 target_DtrmnElapsedTime_mS_u16_ElapsedTime 49387 target_GetSystemTime_mS_u32_CurrentTime 1808440576 target_loHwAb_GetEpsEn_signal 1 Name Actual Val CTermActive_Cnt_M_lgc 1 CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0	28	
target_ComM_GetCurrentComMode_ComMode 2 target_DtrmnElapsedTime_mS_u16_ElapsedTime 49387 target_GetSystemTime_mS_u32_CurrentTime 1808440576 target_IoHwAb_GetEpsEn_signal 1 Name Actual Val CTermActive_Cnt_M_Igc 1 CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime 49387 target_GetSystemTime_mS_u32_CurrentTime 1808440576 target_IoHwAb_GetEpsEn_signal 1 Name Actual Val CTermActive_Cnt_M_lgc 1 CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0		
target_GetSystemTime_mS_u32_CurrentTime 1808440576 target_loHwAb_GetEpsEn_signal 1 Name Actual Val CTermActive_Cnt_M_lgc 1 CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0		
Itarget_IoHwAb_GetEpsEn_signal 1 Name Actual Val CTermActive_Cnt_M_lgc 1 CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0		
Name Actual Val CTermActive_Cnt_M_lgc 1 CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0		
CTermActive_Cnt_M_lgc 1 CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0	Expected Value	Resu
CtermOpModeStsTimer_mS_M_u32 1808440576 CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0	1	Ittosu
CtermShutdownTimer_mS_M_u32 1808440576 OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0	1808440576	
OpModeSts_Cnt_M_u16 4 PowerLatchTimeDID191D_Cnt_M_u16 0	1808440576	
PowerLatchTimeDID191D_Cnt_M_u16 0	4	
	0	
Rte_rask_zms_9.Rte_RB.Rte_Ap_venPwrMd_venPwrMd_Per1.Rte_ArermActive_ 1		
Die Took 2mg 0 Die DD Die An VehDurdid VehDurdid Dord Die CT 4		
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 0.00060000	1 1	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa 1	1 1 0.000600000028 ± 0.00390625	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi 0	1 1 0.000600000028 ± 0.00390625 1 ± 0.00390625	
StartStopLogicEnable_Cnt_M_lgc 1 VehPwrMd2msCounter Cnt M u16 0	1 1 0.000600000028 ± 0.00390625	

Test Step Call Trace				V
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_loHwAb_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_CmdlgnSts_C	5
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlControl (No. 1) $	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
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_Operational Materials and Materials and$	1





Name	Input Value		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi	·		
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_loHwAb_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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRampRampRampRampRampRampRampRampRamp$	0.00159999996	0.00159999996 ± 0.00390625	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	~
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_PowerLatchTime PowerLatchTime Power$	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_ComM	ode	
CtermOpModeStsTimer_mS_M_u32	2062740480		
CtermShutdownTimer_mS_M_u32	2062740480		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapse	dTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTin	ne	
IoHwAb_GetEpsEn(signal)	target_loHwAb_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_CmdlgnSts_0	0		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCo	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_er	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	1 8		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLog	ıi 1		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_StartStopSts_Rte_Ap_VehPwrMd_Per1.Rte_StartStopSts_Rte_Ap_VehPwrMd_Per1.Rte_Ap_VehPwrM$	_ 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpee	d 232.300797		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeers and the property of th$	d 1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	356		
k_CTermOpModeStsTimeout_mS_u16	0		
k_CTermShutdownTimeout_mS_u16	9918		
k_RampDnRt_UlspmS_f32	0.00430000015		
k_RampUpRtLoSpd_UlspmS_f32	0.00329999998		
k_VehSpdEngOn_Kph_f32	161.252197		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	41472		
target_GetSystemTime_mS_u32_CurrentTime	2062740480		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	✓

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Name	Actual Value	Expected Value	Result
CtermOpModeStsTimer_mS_M_u32	2062740480	2062740480	~
CtermShutdownTimer_mS_M_u32	2062740480	2062740480	~
OpModeSts_Cnt_M_u16	8	8	~
PowerLatchTimeDID191D_Cnt_M_u16	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa	0.00329999998	0.00329999998 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	~
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	•

Test Step Call Trace				V
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	✓

T (0) 0 50 (D (0) (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_loHwAb_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_CmdlgnSts_0					
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCo					
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop					
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_er	0				
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_Operational Notice and the property of the proper$	7				
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_StartStopLog\\$	i 0				
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_StartStopSts_Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_StartStopSts_Rte_RB. Rte_RB. Rte_$	2				
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_VehicleSpeed and the property of $	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_loHwAb_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	✓			
PowerLatchTimeDID191D_Cnt_M_u16	0 0	-			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte ATermActive	1	✓			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermActive		-			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa		5			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa		-			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatchT		✓			
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_Coml	Mode		
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_CurrentT	ime		
IoHwAb_GetEpsEn(signal)	target_loHwAb_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 CmdlgnSts 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				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed				
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_loHwAb_GetEpsEn_signal	1			
Name	Actual Value	Expected Value	Result	
CTermActive_Cnt_M_lgc	0	0	Result	
CtermOpModeStsTimer mS M u32	3724068352	3724068352	-	
	3724068352	3724068352 3724068352		
CtermShutdownTimer_mS_M_u32 OpModeSts Cnt M u16	0	0		
	0	0		
PowerLatchTimeDID191D_Cnt_M_u16 Pto_Table_2ma_0_Pto_PR_Pto_An_VahPurMd_VahPurMd_Port_Pto_ATermActive	-	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive		·		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa		0.00340000005 ± 0.00390625	- J	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa		0 ± 0.00390625 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi		1		
StartStopLogicEnable_Cnt_M_lgc	0			
VehPwrMd2msCounter_Cnt_M_u16	U	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_CurrentTin	ne	
IoHwAb_GetEpsEn(signal)	target_loHwAb_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_CmdlgnSts_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_StartStopLog	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_loHwAb_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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	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 PowerLatchT	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_loHwAb_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	
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_ender and the property of th$	0	
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalMatching Applies a proper for the property of the propert$	6	
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogical Control of the Contro$	1	
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_RB.Rte_RD.R$	2	
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_VehicleSpeeds and the property of the property of$	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_loHwAb_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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	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_ComM	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	3626398464	- ·		
CtermShutdownTimer_mS_M_u32	3626398464			
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapse	dTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTir	ne		
loHwAb_GetEpsEn(signal)	target_loHwAb_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_CmdlgnSts_0	0			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCo	0			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	p: 1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_er	1 1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	1 12			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLog	ıi 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 VehicleSpee	d 167.729797			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpee	d 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	Resul	
CTermActive Cnt M lgc	0	0	,	
CtermOpModeStsTimer_mS_M_u32	3626398464	3626398464		
CtermShutdownTimer mS M u32	3626398464	3626398464	٠,	
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		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermActive		0		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampR	=	0.00109999999 ± 0.00390625		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampV		0 ± 0.00390625		

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	~
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter Cnt M u16	0	0	✓

Test Step Call Trace				V
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_GetCurrentComMod	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	1808440576	1808440576		
CtermShutdownTimer_mS_M_u32	414673408			
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u1	6_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_0	CurrentTime		
IoHwAb_GetEpsEn(signal)	target_loHwAb_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_CmdIgn	nSts_C 6			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngON	SrlCor 0			
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStantoner.$	rtStop: 2			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_C	Cnt_en 2			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Operation	onalM 4			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartSto	opLogi 0			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartSto	ppSts_ 0			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte Vehicle	Speed 37.3070984			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Vehicle	Speed 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_loHwAb_GetEpsEn_signal	1			
Name	Actual Value	Expected Value	Resul	
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 ATermA	Active 1	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTerm/		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRa	-	0.0013 ± 0.00390625		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRa		0 ± 0.00390625		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerL		0		
StartStopLogicEnable Cnt M Igc	0	0		
– – – –	0	0		

Test Step Call Trace				V
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 Igc	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 Elapsed	Гime	
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime	2	
IoHwAb GetEpsEn(signal)	target_loHwAb_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_CmdlgnSts_C	7		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCor			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt en			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed			
StartStopLogicEnable Cnt M Igc	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_loHwAb_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_loHwAb_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
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCorrections and the property of the property$	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_StartStopLog	i 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_VehicleSpee	232.300797		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpee	d 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 Attack and Attack $	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_OperRampR	0.0010000005	0.00100000005 ± 0.00390625	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVe	a 0	0 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchT	ï 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_ComM	ode	
CtermOpModeStsTimer_mS_M_u32	414673408		
CtermShutdownTimer_mS_M_u32	414673408		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapsed	dTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTin	ne	
loHwAb_GetEpsEn(signal)	target_loHwAb_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_CmdlgnSts_0	0		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCo	r 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_er	2		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_Operational Materials and Materials and$	1 4		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogRessure $	i 0		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte$	_ 1		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeers and the property of th$	389.885315		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeers and the property of th$	d 1		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	152		
k_CTermOpModeStsTimeout_mS_u16	25949		
k_CTermShutdownTimeout_mS_u16	55701		
k_RampDnRt_UlspmS_f32	0.00240000011		
k_RampUpRtLoSpd_UlspmS_f32	0.00490000006		
k_VehSpdEngOn_Kph_f32	486.018005		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	52111		
target_GetSystemTime_mS_u32_CurrentTime	414673408		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✓

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Name	Actual Value	Expected Value	Result
CtermOpModeStsTimer_mS_M_u32	414673408	414673408	~
CtermShutdownTimer_mS_M_u32	414673408	414673408	~
OpModeSts_Cnt_M_u16	4	4	~
PowerLatchTimeDID191D_Cnt_M_u16	226	226	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa	0.00240000011	0.00240000011 ± 0.00390625	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	226	226	~
StartStopLogicEnable_Cnt_M_lgc	0	0	~
VehPwrMd2msCounter_Cnt_M_u16	153	153	~

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	✓

T (0) 000 (D (0) (1)			
Test Step 2.62 (Repeat Count = 1)	Innest Value		✓
Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_Com	Mode	
CtermOpModeStsTimer_mS_M_u32	4087383296		
CtermShutdownTimer_mS_M_u32	4087383296		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elaps		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentT	ime	
IoHwAb_GetEpsEn(signal)	target_loHwAb_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_CmdlgnSts_0	3		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCorrections and the property of the property$	r 0		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStoppers and the property of the property of$	1		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_MEC_Cnt_error and an approximation of the property of the propert$	0		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_Operational Matter and Matt$	1 9		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_StartStopLog and the property of $	i 0		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.$	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpee	321.851593		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpee	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	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermActive		0	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampR		0.00350000011 ± 0.00390625	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampV		0 ± 0.00390625	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatch1		0	
StartStopLogicEnable_Cnt_M_lgc	0	0	
	0	0	
VehPwrMd2msCounter_Cnt_M_u16	U	U	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \



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 ComM	ode	
CtermOpModeStsTimer mS M u32	0		
CtermShutdownTimer mS M u32	0		
DtrmnElapsedTime mS u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapse	dTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTir		
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 CmdlgnSts C	0		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCon			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt en			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed			
StartStopLogicEnable Cnt M Igc	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	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive		0	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa		0.00100000005 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa		0 ± 0.00390625	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatchT		71	~
StartStopLogicEnable Cnt M Igc	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_Curren	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_signal	target_loHwAb_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_CmdlgnSt	s_C 1			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrl	Cor 0			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartS	top: 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_Operation	alM 5			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopl	ogi 1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopS	Sts_ 1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSp	eed 284.209106			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSp	eed 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_loHwAb_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_ATermAct	ive_ 0	0	~	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermAct	ive_ 0	0	~	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRam	DRa 0.0046000001	0.0046000001 ± 0.00390625	~	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRam	oVa 0	0 ± 0.00390625	~	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLate	thTi 131	131	~	
StartStopLogicEnable_Cnt_M_lgc	1	1	~	
VehPwrMd2msCounter_Cnt_M_u16	35	35	~	

Took Ston Call Trans				
Test Step Call Trace				~
Actual Function	Count	Expected Function	Count	t 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_loHwAb_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 CmdlgnSts C	6
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_EngONSrlCornection (Cornection Cornection (Cornection (Cornecti$	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_ender and the property of th$	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	9
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogical Control of the Contro$	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_loHwAb_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_loHwAb_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_CmdlgnSts	_C 4		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlC	or 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartSto	pp: 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_o	en 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Operationa	м 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLo	gi 1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSi	s_ 3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpe	ed 97.5723038		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpe	ed 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	Resul
CTermActive_Cnt_M_lgc	0 0	,	
CtermOpModeStsTimer mS M u32	2480027648 248002764	-8	
CtermShutdownTimer_mS_M_u32	2480027648 248002764		٠,
OpModeSts Cnt M u16	0 0		
PowerLatchTimeDID191D Cnt M u16	124 124		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte ATermActiv			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermActiv			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRample		999 ± 0.00390625	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRamp			





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				V
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 Co	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_CmdlgnSts_C	1			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCor				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt en				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed				
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	Deculé	
	1	1	Result	
CTermActive_Cnt_M_lgc				
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	- J	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_		1	Ž	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa		0.0013 ± 0.00390625	- J	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa		1 ± 0.00390625	-	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi		163	V	
StartStopLogicEnable_Cnt_M_lgc	0	0	*	
VehPwrMd2msCounter_Cnt_M_u16	192	192	✓	

Test Step Call Trace				V
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_Co	target ComM GetCurrentComMode ComMode		
CtermOpModeStsTimer mS M u32	4105335296			
CtermShutdownTimer_mS_M_u32	4105335296	4105335296		
DtrmnElapsedTime mS u16(ElapsedTime)	target DtrmnElapsedTime mS u16 Ela	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime mS u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime			
IoHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_signal			
OpModeSts_Cnt_M_u16	3			
PowerLatchTimeDID191D_Cnt_M_u16	28			
Rte_ModeMachine_StaMd9_SystemState9_Mode	2			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdlgnSts	_C 6			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlO	Cor 0			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartSt	op: 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_Operationa	IM 15			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLo	ogi 1			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopS	s 2			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpe				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpe	ed 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	Resul	
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 ATermActiv	ve 1	1	•	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermActiv		0	٠,	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRamp	-	0.000199999995 ± 0.00390625		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRamp		0 ± 0.00390625	•	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatch		0		
StartStopLogicEnable Cnt M lgc	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 2.69 (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_loHwAb_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_CmdlgnSts_C	5
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCornection (Cornection of the Cornection of the Cornection of the Cornection (Cornection of the Cornection o$	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
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_Rp_PwrMd_Per1.Rte_Rp_PwrMd_PwrMd_Per1.Rte_Rp_PwrMd_Pw$	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_loHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	~
CtermOpModeStsTimer_mS_M_u32	4124011776	4124011776	~
CtermShutdownTimer_mS_M_u32	4124011776	4124011776	•
OpModeSts_Cnt_M_u16	6	6	•
PowerLatchTimeDID191D_Cnt_M_u16	0	0	•
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Ap_VehPwrMd_Per1.Rte_ATermActive_Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Ap_VehPwrMd_Per1.Rte_ATermActive_Rte_Ap_VehPwrMd_Per1.Rte_ATermActive_Rte_Ap_VehPwrMd_Per1.Rte_ATermActive_Rte_Ap_VehPwrMd_Per1.Rte_ATermActive_Rte_Ap_VehPwrMd_Per1.Rte_ATermActive_Ap_VehPwrMd_Per1.Rte_AtermActive_Ap_VehPwrMd_Per1.Rte_AtermActive_Ap_VehPwrMd_Per1.Rte_AtermActive_Ater$	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRame Results (Apple of the Company of the Com$	0.00109999999	0.00109999999 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_RB.Rt$	i 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	loHwAb_GetEpsEn	1	~
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	~
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	~

Test Step 2.70 (Repeat Count = 1)			✓
Name	Input Value		
CTermActive_Cnt_M_lgc	1		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComM	Mode_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_u33	2_CurrentTime	
IoHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_sign	al	
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_Cmdlg	gnSts_C 6		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngOl	NSrlCor 1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngSt	tartStop: 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 Opera	ationalM 10		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartS	StopLogi 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartS	StopSts_ 1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Vehicl	leSpeed 306.390106		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Vehicl	leSpeed 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	0.00089999985		
k_RampUpRtLoSpd_UlspmS_f32	0.00150000001		
k_VehSpdEngOn_Kph_f32	201.047699		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	65535		
target_GetSystemTime_mS_u32_CurrentTime	3022289920		
target_loHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	~
CtermOpModeStsTimer_mS_M_u32	3022289920	3022289920	✓
CtermShutdownTimer_mS_M_u32	3022289920	3022289920	✓
OpModeSts_Cnt_M_u16	10	10	~

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

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 Igc	0			
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComM	lode		
CtermOpModeStsTimer mS M u32	3827388160			
CtermShutdownTimer mS M u32	3827388160			
DtrmnElapsedTime mS u16(ElapsedTime)	target DtrmnElapsedTime mS u16 Elapse	edTime		
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTi			
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 CmdlgnSts 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				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt en				
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				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed				
StartStopLogicEnable Cnt M Igc	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 Igc	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		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa		0.00200000009 ± 0.00390625	•	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa		0 ± 0.00390625	_	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi		0	•	
StartStopLogicEnable Cnt M lgc	1	1	_	
, 5				

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	✓

VehPwrMd_Per1



VehPwrMd_Per1

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Test Case 3: Path Test

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VehPwrMd_Per1



Specification

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

CPU Cycles:

TS3.1 2207.00 Cycles
TS3.2 1579.00 Cycles
TS3.3 2347.00 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
TS3.19 2256.00 Cycles
TS3.11 2163.00 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
TS3.17 1660.00 Cycles
TS3.19 2283.00 Cycles
TS3.19 2283.00 Cycles
TS3.19 2283.00 Cycles
TS3.19 2283.00 Cycles
TS3.20 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 ))
    Opiniouesis_cit___got_or_associated (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) )
&& (StartStopSts_Cnt_T_u8 |= D_STOPSTARTENGOFF_CNT_U16) && (EngStartStopSts_Cnt_T_u8 |= D_STOPSTARTENGONTINSTART_CNT_U16))

&& (D_IGNON_CNT_U16 == OpModeSts_Cnt_T_U16)) |

(PALSE == CTermActive_Cnt_M_Igc) ==> True |

((ATermActive_Cnt_T_Igc == FALSE) ==> True & (VehPwrMd2msCounter_Cnt_M_u16 == 500u) ==> False)" |

TSS_2*((TRUE == EPSEn_Cnt_T_Igc) ==> True |

((ATermActive_Cnt_T_Igc == FALSE) ==> True & (VehPwrMd2msCounter_Cnt_M_u16 == 500u))" |

TSS_3*((INTInfoActive_Cnt_T_Igc) ==> True |

((ATermActive_Cnt_T_Igc) == FALSE) ==> False & (VehPwrMd2msCounter_Cnt_M_u16 == 500u))" |

TSS_3*((INTInfoActive_Cnt_T_Igc) == FALSE) ==> False & (VehPwrMd2msCounter_Cnt_M_u16 == 500u))" |

TSS_3*((INTInfoActive_Cnt_T_Igc) == FALSE) ==> False & (VehPwrMd2msCounter_Cnt_M_u16 == 500u))" |

TSS_3*((INTInfoActive_Cnt_T_Igc) == FALSE) ==> False & (VehPwrMd2msCounter_Cnt_M_u16 == 0pModeSts_Cnt_T_U16) |

((StartStopLogicEnable_Cnt_M_Igc) == TRUE) & (SysState_Cnt_T_Enum == RTE_MODE_StaMd_Mode_OPERATE) |

&& ((StartStopSts_Cnt_T_U16) == OpModeSts_Cnt_T_U16) == OpModeSts_Cnt_T_U16 == OpModeSts_Cnt_T_U16) == OpModeSts_Cnt_T_U16) == OpModeSts_Cnt_T_U16 == OpModeSts_Cnt_T_U16 == OpModeSts_Cnt_T_U16) == OpModeSts_Cnt_T_U16 == OpModeSts_Cnt_T_U16) ==> False & ((D_IGNONENGON_CNT_U16 == OpModeSts_Cnt_T_U16) ==> False & ((D_IG
COMM_NO_COMMUNICATION)))
    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'
```



 $\label{eq:continuous} $$(PowerLatchTimeDID191D_Cnt_M_u16>= 255u)==>False"$$T$3.21(PowerLatchTimeDID191D_Cnt_M_u16>= 255u)==>True$$

Test Step 3.1 (Repeat Count = 1) Name	Input Value			
	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_Elapse	edTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTi	me		
IoHwAb_GetEpsEn(signal)	target_loHwAb_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_CmdlgnSts_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	9.9999975e-005			
k RampUpRtLoSpd UlspmS f32	9.9999975e-005			
k VehSpdEngOn Kph f32	0			
target ComM GetCurrentComMode ComMode	0			
target DtrmnElapsedTime mS u16 ElapsedTime	0			
target_GetSystemTime_mS_u32_CurrentTime	0			
target_loHwAb_GetEpsEn_signal	0			
	Actual Value	Expected Value	Peau	
Name		Expected Value	Resu	
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		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_		0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa		9.9999975e-005 ± 0.00390625		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa		0 ± 0.00390625		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi		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_loHwAb_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_CmdlgnSts_C	7
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCon	1
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_Per1.Rte_EngStartStopPwrMd_Per1.Rte_EngStartStopPwrMd_Per1.Rte_EngStartStopPwrMd_Per1.Rte_EngStartStopPwrMd_Per1.Rte_EngStartStopPwrMd_PwrMd_Per1.Rte_EngStartStopPwrMd_PwrMd_Per1.Rte_EngStartStopPwrMd_PwrMd_Per1.Rte_EngStartStopPwrMd_Pw$	3

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VehPwrMd_Per1

Name	Input Value		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt en	Principle of the second of the		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts			
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			
StartStopLogicEnable Cnt M Igc	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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Ap_VehPwrMd_Per1.Rte_ATermActive_Rte_Ap_VehPwrMd_Per1.Rte_ATermActive_Rte_Ap_VehPwrMd_Per1.Rte_ATermActive_Rte_Ap_VehPwrMd_Per1.Rte_ATermActive_Rte_Ap_VehPwrMd_Per1.Rte_ATermActive_Rte_Ap_VehPwrMd_Per1.Rte_ATermActive_Ap_VehPwrMd_Per1.Rte_ATermActive_Ap_VehPwrMd_Per1.Rte_AtermActive_Ap_VehPwrMd_Per1.Rte_AtermActive_Ap_VehPwrMd_Per1.Rte_AtermActive_$	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	~
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_PowerLatchTime PowerLatchTime Power$	0	0	~
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	~

Test Step Call Trace				V
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)	arget ComM GetCurrentComMode ComMode			
CtermOpModeStsTimer mS M u32	2547440384			
CtermShutdownTimer mS M u32	2547440384			
DtrmnElapsedTime mS u16(ElapsedTime)	target DtrmnElapsedTime mS u16 Elapsed	dTime		
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTin	ne		
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_CmdlgnSts_C	3			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCor				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt en				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed				
StartStopLogicEnable Cnt M Igc	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_loHwAb_GetEpsEn_signal	1			
Name	Actual Value	Expected Value	Result	
CTermActive_Cnt_M_lgc	1	1	~	
CtermOpModeStsTimer_mS_M_u32	2547440384	2547440384	•	
CtermShutdownTimer_mS_M_u32	2547440384	2547440384	•	
OpModeSts_Cnt_M_u16	1	1	•	
PowerLatchTimeDID191D_Cnt_M_u16	0	0	•	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	•	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive		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	loHwAb_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
loHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_signal
OpModeSts_Cnt_M_u16	1
PowerLatchTimeDID191D_Cnt_M_u16	173
Rte_ModeMachine_StaMd9_SystemState9_Mode	2
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdlgnSts_0.00000000000000000000000000000000000$	4
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCo	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 er	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalN	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_loHwAb_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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRampRampRampRampRampRampRampRampRamp$	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				V
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_ComM	ode	
CtermOpModeStsTimer_mS_M_u32	2270575616		
CtermShutdownTimer_mS_M_u32	2270575616		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapse	dTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTir	me	
IoHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	5		
PowerLatchTimeDID191D_Cnt_M_u16	102		
Rte_ModeMachine_StaMd9_SystemState9_Mode	0		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdlgnSts_Compact = 0.0000000000000000000000000000000000$	4		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlControl (No. 1) $	0		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop	0		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_ender (App_VehPwrMd_VehPwrMd_Per1) (App_VehPwrMd_VehPwrMd_Per1) (App_VehPwrMd_VehPwrMd_Per1) (App_VehPwrMd_VehPwrMd_Per1) (App_VehPwrMd_VehPwrMd_Per1) (App_VehPwrMd_VehPwrMd_Per1) (App_VehPwrMd_VehPwrMd_Per1) (App_VehPwrMd_Per1) (App_VehPwr$	1		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalMatcher (Applied From No. 1997) and the property of the p$	5		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogical Control of the Contro$	i 1		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_$	1		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeeds and the property of th$	114.150703		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeeds and the property of th$	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_loHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	-
CtermOpModeStsTimer_mS_M_u32	2270575616	2270575616	V

VehPwrMd_Per1



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	•
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd$	0	0	~
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	•

Test Step Call Trace				V
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 Igc	0			
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComM	-		
CtermOpModeStsTimer mS M u32	1636568832	node .		
CtermShutdownTimer mS M u32	1636568832			
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapse	edTime		
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTi			
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 CmdlgnSts C				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCor				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt en				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed				
StartStopLogicEnable Cnt M Igc	1			
VehPwrMd2msCounter Cnt M u16	500			
k_CTermOpModeStsTimeout_mS_u16	61173			
	31077			
k_CTermShutdownTimeout_mS_u16 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_loHwAb_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	~	
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Task_9.Rte$		0	✓	
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	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	~	
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime PowerLatchTime PowerLat$	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_Coml	Mode	
CtermOpModeStsTimer_mS_M_u32	1627798016		
CtermShutdownTimer_mS_M_u32	1627798016		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elaps	edTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentT	ime	
IoHwAb_GetEpsEn(signal)	target_loHwAb_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 CmdlgnSts C	2		
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	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			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed			
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_loHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	Result
CtermOpModeStsTimer mS M u32	1627798016	1627798016	-
	1627798016	1627798016	
CtermShutdownTimer_mS_M_u32 OpModeSts Cnt M u16	8	8	
	0	0	
PowerLatchTimeDID191D_Cnt_M_u16 Pto_Tack_2ma_0_Pto_DR_Pto_An_VahPurMd_VahPurMd_Por1_Pto_ATormActive	-	1	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive		1	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa		0.000199999995 ± 0.00390625	Ĭ
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa		1 ± 0.00390625	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchT		1	- J
StartStopLogicEnable_Cnt_M_lgc	0	0	
VehPwrMd2msCounter_Cnt_M_u16	U	U	_

Test Step Call Trace				V
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		
loHwAb_GetEpsEn(signal)	target_loHwAb_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_CmdlgnSts_0	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	3		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_ender (Applied From From From From From From From From$	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	8		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogical Control of the Contro$	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeeds and the property of th$	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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	•
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRame Results (Apple of the Company of the Com$	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_PowerLatchT	0	0	•
StartStopLogicEnable_Cnt_M_lgc	1	1	✓
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	loHwAb_GetEpsEn	1	~
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	~
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	~

Test Sten 2.0 (Beneat Count = 4)	الى الماركات
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_loHwAb_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_CmdlgnSts_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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	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 Igc	1	1		
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComMo	•		
CtermOpModeStsTimer mS M u32	3851144192			
CtermShutdownTimer mS M u32	3851144192			
DtrmnElapsedTime mS u16(ElapsedTime)	target DtrmnElapsedTime mS u16 Elapsed	Гіте		
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 CmdlgnSts	C 5			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrl0	Cor 0			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartSt	op: 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_Operational	ılM 15			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLe	ogi 0			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopS				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpe	eed 394.685913			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpe	eed 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_loHwAb_GetEpsEn_signal	0			
Name	Actual Value	Expected Value	Resu	
CTermActive Cnt M lgc	1	1		
CtermOpModeStsTimer mS M u32	3851144192	3851144192		
CtermShutdownTimer mS M u32	3851144192	3851144192		
OpModeSts Cnt M u16		15		
PowerLatchTimeDID191D Cnt M u16	· ·	212		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte ATermActiv		0		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermActi	-	1		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRamp	-	0.00319999992 ± 0.00390625		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRamp		1 ± 0.00390625		

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VehPwrMd_Per1

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 ComM	lode	
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_CmdlgnSts_	C 5		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCo			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartSto	2		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt e	n 1		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte Operational	1 2		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLog			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpee			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpee			
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	-
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampR		0.00419999985 ± 0.00390625	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampV		0 ± 0.00390625	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatch		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)			V
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_CmdlgnSts_C	6		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCor			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt en			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed			
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 Expec	ted Value	Result
CTermActive_Cnt_M_lgc	1		
CtermOpModeStsTimer mS M u32	1808440576 180844	10576	✓
CtermShutdownTimer_mS_M_u32	1808440576 180844	10576	-
OpModeSts Cnt M u16	4		✓
PowerLatchTimeDID191D Cnt M u16	0 0		_
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1		✓
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermActive			~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa		00000028 ± 0.00390625	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa		0390625	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatchTi			✓
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	loHwAb_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
loHwAb_GetEpsEn(signal)	target_loHwAb_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_CmdlgnSts_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





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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	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				V
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_ComM	ode	
CtermOpModeStsTimer_mS_M_u32	414673408		
CtermShutdownTimer_mS_M_u32	414673408		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapse	dTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTir	ne	
IoHwAb_GetEpsEn(signal)	target_loHwAb_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 EngONSrlCd	or 0		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_Per1.Rte_EngStartStopPwrMd_Per1.Rte_EngStartStopPwrMd_PwrMd_Per1.Rte_EngStartStopPwrMd_PwrMd_Per1.Rte_EngStartStopPwrMd_Pw$	0 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_er	n 2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	A 4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLog	0 ig		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_$	_ 1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpee	d 389.885315		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeers and the property of th$	d 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_loHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	✓

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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				V
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_ComM	ode	
CtermOpModeStsTimer_mS_M_u32	0		
CtermShutdownTimer_mS_M_u32	0		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapsed	dTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTin	ne	
IoHwAb_GetEpsEn(signal)	target_loHwAb_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_	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCo	r 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartSto	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_e	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Operationalf	1 10		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLog	ıi 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_VehicleSpee	d 424.590393		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpee	d 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		
rarget_DtrmnElapsedTime_mS_u16_ElapsedTime	58740		
arget GetSystemTime mS u32 CurrentTime	0		
target IoHwAb GetEpsEn signal	0		
Name	Actual Value	Expected Value	Resu
CTermActive Cnt M Igc	0	0	rtoou
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	1.1	0	
Rte_rask_zms_9.Rte_Rb.Rte_Ap_venPwiMd_venPwiMd_Per1.Rte_ATermActive Rte_Task_2ms_9.Rte_Rb.Rte_Ap_VenPwiMd_VenPwiMd_Per1.Rte_CTermActive	-	0	
·		0.00100000005 ± 0.00390625	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampR		0.00100000005 ± 0.00390625 0 ± 0.00390625	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampV			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatch` StartStopLogicEnable_Cnt_M_lgc	0	71	
	T U	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 3.16 (Repeat Count = 1) ✓			
Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComM	ode	
CtermOpModeStsTimer_mS_M_u32	4124011776		
CtermShutdownTimer_mS_M_u32	4124011776		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapsed	dTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTin	ne	
IoHwAb_GetEpsEn(signal)	target_loHwAb_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 CmdlgnSts 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_loHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	~
CtermOpModeStsTimer_mS_M_u32	4124011776	4124011776	~
CtermShutdownTimer_mS_M_u32	4124011776	4124011776	~
OpModeSts_Cnt_M_u16	6	6	•
PowerLatchTimeDID191D_Cnt_M_u16	0	0	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa	0.00109999999	0.00109999999 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	~
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	loHwAb_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_CurrentTin	ne	
IoHwAb_GetEpsEn(signal)	target_loHwAb_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_CmdlgnSts_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_loHwAb_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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	•
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRampRampRampRampRampRampRampRampRamp$	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_loHwAb_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
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_enceed and the property of t$	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_StartStopLogic	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





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_loHwAb_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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	0	0	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_RB.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_RB.Rt$	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_Elapse			
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTi	me		
IoHwAb_GetEpsEn(signal)	target_loHwAb_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_CmdlgnS	Sts_C 3			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONS	rlCor 0			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStarts	Stop: 2			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cn	t_en 2			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Operation	nalM 7			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStop	Logi 1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStop	Sts_ 1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSp	peed 423.002289			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSp	peed 1			
StartStopLogicEnable_Cnt_M_lgc	0			
VehPwrMd2msCounter_Cnt_M_u16	433			
k_CTermOpModeStsTimeout_mS_u16	10944			
k_CTermShutdownTimeout_mS_u16	47796			
k_RampDnRt_UlspmS_f32	0.00240000011			
k_RampUpRtLoSpd_UlspmS_f32	0.00240000011			
k_VehSpdEngOn_Kph_f32	421.034912			
target_ComM_GetCurrentComMode_ComMode	1			
target_DtrmnElapsedTime_mS_u16_ElapsedTime	17062			
target_GetSystemTime_mS_u32_CurrentTime	2547440384			
target_loHwAb_GetEpsEn_signal	1			
Name	Actual Value	Expected Value	Resu	
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 ATermAc		1		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermAc	_	1		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRam		0.00240000011 ± 0.00390625		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRam	·	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	loHwAb_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_ComM	ode		
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			
loHwAb_GetEpsEn(signal)	target_loHwAb_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_CmdlgnSts_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	9.9999975e-005			
k_RampUpRtLoSpd_UlspmS_f32	9.9999975e-005			
k VehSpdEngOn Kph f32	0			
target_ComM_GetCurrentComMode_ComMode	0			
target_DtrmnElapsedTime_mS_u16_ElapsedTime	0			
target_GetSystemTime_mS_u32_CurrentTime	0			
target_loHwAb_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	~	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa		9.99999975e-005 ± 0.00390625	~	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa		0 ± 0.00390625	~	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatchTi		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	Input Value		
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComMode		
_ ,	larget_comm_Getcurrentcommode_commode		
CtermOpModeStsTimer_mS_M_u32	0		
CtermShutdownTimer_mS_M_u32			
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime		
GetSystemTime_mS_u32(CurrentTime)	· - ·		
IoHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	255		
PowerLatchTimeDID191D_Cnt_M_u16	0		
Rte_ModeMachine_StaMd9_SystemState9_Mode			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdlgnSts_C			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed			
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	499		
k_CTermOpModeStsTimeout_mS_u16	0		
k_CTermShutdownTimeout_mS_u16	0		
k_RampDnRt_UlspmS_f32	9.9999975e-005		
k_RampUpRtLoSpd_UlspmS_f32	9.9999975e-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	Resu	
CTermActive_Cnt_M_lgc	0 0		
CtermOpModeStsTimer_mS_M_u32	0		
CtermShutdownTimer_mS_M_u32	0		
OpModeSts_Cnt_M_u16	0		
PowerLatchTimeDID191D_Cnt_M_u16	255 255		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatchTi			
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	loHwAb_GetEpsEn	1	•
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	~
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	~

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 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= -Dinline= -D_extern= -Dconst= -I\$(PROJECTROOT)\VehPwrMd\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

Comments/Description	on/Specification
Name	Text
Module 'VehPwrMd'	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 (CodeCen) 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):592 Total CALS Used (Bytes):20 Special Test Requirements:NA Test Date:63/2016 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_CurrentTin	ne	
k_RampDnRt_UlspmS_f32	9.9999975e-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	9.9999975e-005	9.9999975e-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_CurrentTir	ne	
k_RampDnRt_UlspmS_f32	0.0049999989		
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_OperRampRat	0.00499999999	0.00499999989	~
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampValue	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_CurrentTin	ne	
k_RampDnRt_UlspmS_f32	9.9999975e-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	9.9999975e-005	9.9999975e-005	~
$Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampValue and the property of $	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_CurrentTim	ne	
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	0.0049999989	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	Resul	t
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_CurrentTim	ne	
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)			V
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTin	ne	
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_OperRampValue	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_CurrentTim	ne	
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_OperRampValue and the property of $	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_CurrentTin	ne	
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_OperRampValue	0	0	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	