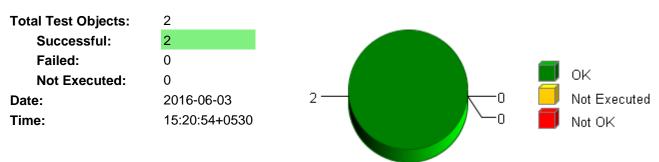


Summary

Overall Test Object Results (including Coverage)



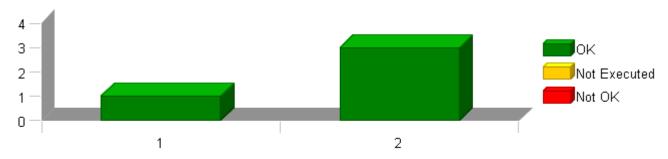
Selected Project Items

Test Collection "UnitTest"

Used Test Environments

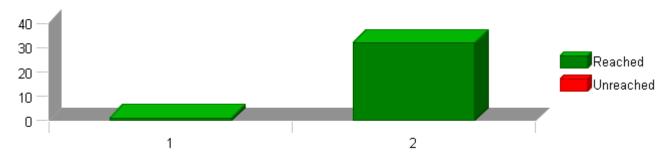
TI TMS 570 PLS UDE (Default)

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).

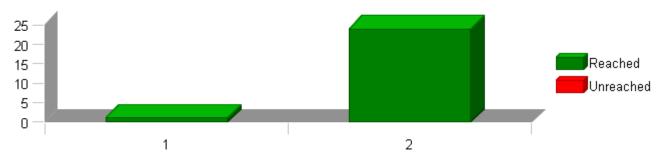
Statement (C0) Coverage: Total Statements for Each Test Object



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.

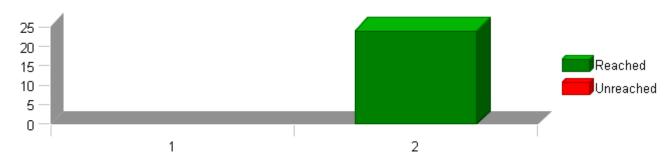


Branch (C1) Coverage: Total Branches for Each Test Object



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.

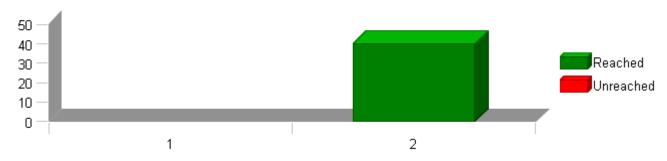
Decision Coverage: Total Decision Outcomes for Each Test Object



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

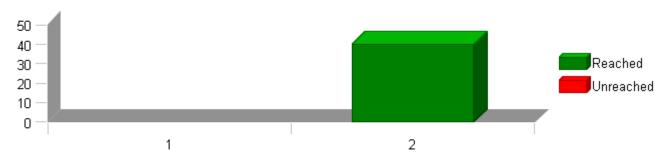


The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MC/DC coverage, 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\underlinclude -I\$(Compiler Install Path)\include

Name	Text
/lodule '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):592 Total RAM Used (Bytes):16 Total CALS Used (Bytes):20 Special Test Requirements:NA Test Date:6/3/2016 Comments: Note1:"CBD_Sandbox_dbg.map" map file is embedded for reference.

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

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



Test Step 1.1 (Repeat Count = 1)			✓	
Name	Input Value			
CTermActive_Cnt_M_lgc	0			
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComM	ode		
CtermOpModeStsTimer_mS_M_u32	1174226176			
CtermShutdownTimer_mS_M_u32	1627798016			
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime			
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTin	target GetSystemTime mS u32 CurrentTime		
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_EngONSrlCol	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	i 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				
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	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	0.00019999995	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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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	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	•

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 IoHwAb GetEpsEn signal				
OpModeSts_Cnt_M_u16	0					
PowerLatchTimeDID191D_Cnt_M_u16	0					
Rte ModeMachine StaMd9 SystemState9 Mode	0					
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_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						
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa 9.99999975e-005 9.99999975e-005 ± 0.00390625						
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte 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	~
DtrmnElancedTime mS u16	1	DtrmnElancedTime 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 1647.00 Cycles
TS2.29 1677.00 Cycles
TS2.31 1677.00 Cycles
TS2.32 1677.00 Cycles
TS2.33 1632.00 Cycles
TS2.34 174.00 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
TS2.39 1677.00 Cycles
TS2.31 1677.00 Cycles
TS2.32 1663.00 Cycles
TS2.33 1677.00 Cycles
TS2.34 1274.00 Cycles
TS2.35 1274.00 Cycles
TS2.40 1663.00 Cycles
TS2.41 190.00 Cycles
TS2.42 1215.00 Cycles
TS2.43 1677.00 Cycles
TS2.45 2145.00 Cycles
TS2.46 2163.00 Cycles
TS2.47 1270.00 Cycles
TS2.48 2200.00 Cycles
TS2.49 2200.00 Cycles
TS2.55 2179.00 Cycles
TS2.56 2184.00 Cycles
TS2.57 2179.00 Cycles
TS2.58 2199.00 Cycles
TS2.59 2251.00 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
TS2.56 2184.00 C





```
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

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
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_Cmdle	gnSts_C 0
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngO	NSrlCor 0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngS	artStop: 0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_	Cnt_en 0

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Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	0		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogical Control of the Contro$	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_	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	9.9999975e-005	9.9999975e-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				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 2.2 (Repeat Count = 1) Name	Input Value				
	1				
CTermActive_Cnt_M_lgc		do Combilado			
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMod	4294967295			
CtermOpModeStsTimer_mS_M_u32					
CtermShutdownTimer_mS_M_u32		4294967295			
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u1				
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_					
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					
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	M 15				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLog	gi 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_VehicleSpee	512				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpee	ed 1				
StartStopLogicEnable_Cnt_M_lgc	1				
VehPwrMd2msCounter_Cnt_M_u16	500				
k_CTermOpModeStsTimeout_mS_u16	65535				
k_CTermShutdownTimeout_mS_u16	65535				
k_RampDnRt_UlspmS_f32	0.00499999989				
k_RampUpRtLoSpd_UlspmS_f32	0.00499999989				
k_VehSpdEngOn_Kph_f32	512				
target_ComM_GetCurrentComMode_ComMode	2				
target_DtrmnElapsedTime_mS_u16_ElapsedTime	65535				
target_GetSystemTime_mS_u32_CurrentTime	0				
target IoHwAb GetEpsEn signal	1				
Name	Actual Value	Expected Value	Resul		
CTermActive_Cnt_M_lgc	1	1			
CtermOpModeStsTimer mS M u32	4294967295	4294967295			
CtermShutdownTimer mS M u32	4294967295	4294967295			
OpModeSts Cnt M u16	15	15			
PowerLatchTimeDID191D Cnt M u16	0	0			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte ATermActive	-	1			
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	-	0.00499999989 ± 0.00390625			
Rte_Task_zins_9.Rte_Rb.Rte_Ap_venFwiMd_venFwiMd_Fe11.Rte_OperRampV Rte_Task_2ms_9.Rte_Rb.Rte_Ap_VehPwrMd_VehPwrMd_Pe11.Rte_OperRampV		1 ± 0.00390625			
Rte_Task_znis_9.Rte_Rb.Rte_Ap_venFwind_venFwind_Fe11.Rte_OperRanipv Rte_Task_2ms_9.Rte_Rb.Rte_Ap_VenFwind_VenPwrMd_Per1.Rte_OperRanipv		0			
ING_1 ask_21115_3.1NG_KD.KIE_AP_VEHFWHVIIQ_VEHFWHVIIQ_FEHT.KIE_POWEILalCH					
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	•

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_CmdlgnSts_C	3
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCornection (Cornection of the Cornection of the Cornection of the Cornection (Cornection of the Cornection o$	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en$	2
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM	1
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogical Control of the Contro$	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_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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	1	1	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRame Results (Apple of the Company of the Com$	0.00240000011	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_PowerLatchTattlescape and the properties of the properties $	0	0	~
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	~

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

Test Step 2.4 (Repeat Count = 1) Name	Innut Value		
	Input Value		
CTermActive_Cnt_M_lgc	•		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComM	lode	
CtermOpModeStsTimer_mS_M_u32	2101752320		
CtermShutdownTimer_mS_M_u32	2101752320	_	
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapse		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime_mS_u32_Curr	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 4		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlConstruction (Construction of the Construction of the Construction of the Construction of the Construction (Construction of the Construction of the Construction$	or 1		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop	o: 3		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_ender and an approximation of the property o$	n 0		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Operational Matter and Matter $	<i>I</i> 6		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLog_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLog_Rte_RB.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLog_Rte_RB.Rte_$	gi O		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_StartStopSts_Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_StartStopSts_Rte_RB. Rte_Ap_VehPwrMd_Per1. Rte_StartStopSts_Rte_Ap_VehPwrMd_Per1. Rte_StartStopSts_Rte_Ap_VehPwrMd_Per1. Rte_StartStopSts_Rte_Ap_VehPwrMd_Per1. Rte_Ap_VehPwrMd_Per1. Rte_Ap_VehPwrMd_P$	_ 1		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeers and the property of th$	d 368.745911		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeers and the property of th$	d 1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	149		
k_CTermOpModeStsTimeout_mS_u16	61952		
k_CTermShutdownTimeout_mS_u16	18909		
k_RampDnRt_UlspmS_f32	0.00329999998		
k_RampUpRtLoSpd_UlspmS_f32	0.00190000003		
k_VehSpdEngOn_Kph_f32	41.1517982		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	51142		
target_GetSystemTime_mS_u32_CurrentTime	2101752320		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive Cnt M lgc	1	1	
CtermOpModeStsTimer mS M u32	2101752320	2101752320	

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Name	Actual Value	Expected Value	Result
CtermShutdownTimer_mS_M_u32	2101752320	2101752320	~
OpModeSts_Cnt_M_u16	6	6	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	1	1	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_$	1	1	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRampRampRampRampRampRampRampRampRamp$	0.00190000003	0.00190000003 ± 0.00390625	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa	1	1 ± 0.00390625	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_Per1.Rte_PwrMd_Pw$	0	0	~
StartStopLogicEnable_Cnt_M_lgc	0	0	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	•
ComM GetCurrentComMode	1	ComM GetCurrentComMode	1	-

Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
CTermActive Cnt M Igc	0		
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComM	lode	
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 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 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	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			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts	1		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed	114.150703		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed	1		
StartStopLogicEnable Cnt M Igc	1		
VehPwrMd2msCounter_Cnt_M_u16	368		
k_CTermOpModeStsTimeout_mS_u16	62544		
k_CTermShutdownTimeout_mS_u16	46600		
k_RampDnRt_UlspmS_f32	0.00340000005		
k_RampUpRtLoSpd_UlspmS_f32	0.00289999996		
k_VehSpdEngOn_Kph_f32	61.4309998		
target_ComM_GetCurrentComMode_ComMode	0		
target DtrmnElapsedTime mS u16 ElapsedTime	43702		
target GetSystemTime mS u32 CurrentTime	2270575616		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive Cnt M Igc	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 ± 0.00390625	✓
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				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				✓
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

VehPwrMd_Per1

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Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	283.806396		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	273		
k_CTermOpModeStsTimeout_mS_u16	57522		
k_CTermShutdownTimeout_mS_u16	12954		
k_RampDnRt_UlspmS_f32	0.00260000001		
k_RampUpRtLoSpd_UlspmS_f32	0.00310000009		
k_VehSpdEngOn_Kph_f32	310.511414		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	36922		
target_GetSystemTime_mS_u32_CurrentTime	2784400896		
target_loHwAb_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	o	0	~
StartStopLogicEnable_Cnt_M_lgc	0	0	-
VehPwrMd2msCounter_Cnt_M_u16	0	0	~

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





Test Step 2.8 (Repeat Count = 1)			✓
Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	2408775936		
CtermShutdownTimer_mS_M_u32	2408775936		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime	•	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb GetEpsEn(signal)	target_loHwAb_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	0		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop	1		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt en	0		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM	2		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	182.4104		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed			
StartStopLogicEnable Cnt M lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	226		
k_CTermOpModeStsTimeout_mS_u16	5751		
k_CTermShutdownTimeout_mS_u16	11542		
k_RampDnRt_UlspmS_f32	0.00200000009		
k_RampUpRtLoSpd_UlspmS_f32	0.0027999999		
k_VehSpdEngOn_Kph_f32	174.417496		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	28407		
target_GetSystemTime_mS_u32_CurrentTime	2408775936		
target_loHwAb_GetEpsEn_signal	1		
Name	Actual Value Exp	ected Value	Result
CTermActive_Cnt_M_lgc	0 0		~
CtermOpModeStsTimer_mS_M_u32	2408775936 2408	8775936	~
CtermShutdownTimer_mS_M_u32	2408775936 2408	8775936	~
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 0.00	200000009 ± 0.00390625	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0 0 ± 0	0.00390625	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0 0		✓
StartStopLogicEnable_Cnt_M_lgc	0 0		✓
VehPwrMd2msCounter_Cnt_M_u16	0 0		~

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

Test Step 2.9 (Repeat Count = 1)	✓
Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	506052608
CtermShutdownTimer_mS_M_u32	506052608
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_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_C	3
$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	2
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt en	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	7





Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	104.808296		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	127		
k_CTermOpModeStsTimeout_mS_u16	17460		
k_CTermShutdownTimeout_mS_u16	15182		
k_RampDnRt_UlspmS_f32	0.00289999996		
k_RampUpRtLoSpd_UlspmS_f32	0.00249999994		
k_VehSpdEngOn_Kph_f32	393.004211		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	25963		
target_GetSystemTime_mS_u32_CurrentTime	506052608		
target_loHwAb_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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_ATermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_ATermActive_Rte_Rte_ATermActive_Rte_Rte_ATermActive_ATermActive_ATe$	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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa$	0.00249999994	0.00249999994 ± 0.00390625	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa$	1	1 ± 0.00390625	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi$	76	76	~
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	128	128	~

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

Test Step 2.10 (Repeat Count = 1)			✓
Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMo	ode	
CtermOpModeStsTimer_mS_M_u32	1627798016		
CtermShutdownTimer_mS_M_u32	1627798016		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapsed	Time	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTim	ne	
loHwAb_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_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		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogical Control of the Contro$	1		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.$	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_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	1627798016	1627798016	~

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Name	Actual Value	Expected Value	Result
CtermShutdownTimer_mS_M_u32	1627798016	1627798016	~
OpModeSts_Cnt_M_u16	8	8	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.000199999995	0.000199999995 ± 0.00390625	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa	1	1 ± 0.00390625	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTerms = 1.00 to 1.$	0	0	~
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	~

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

Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
CTermActive Cnt M 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				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 2.12 (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 CurrentTime				
IoHwAb GetEpsEn(signal)	target IoHwAb GetEpsEn signal				
OpModeSts Cnt M u16	12				
PowerLatchTimeDID191D Cnt M u16	71				
Rte ModeMachine StaMd9 SystemState9 Mode	1				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte 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	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 IoHwAb GetEpsEn signal	0				
	Actual Value	Funcated Value	Danulé		
Name		Expected Value	Result		
CTermActive_Cnt_M_lgc	1	1	-		
CtermOpModeStsTimer_mS_M_u32	2376808192	2376808192			
CtermShutdownTimer_mS_M_u32	2376808192	2376808192	Y		
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	V		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_		1	Y		
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 ± 0.00390625	~		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi		71	•		
StartStopLogicEnable_Cnt_M_lgc	0	0	V		
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
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_EngONSrlControl (No. 1) and the property of the p$	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)			✓	
Name	Input Value			
CTermActive Cnt M lgc	0			
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComM	lode		
CtermOpModeStsTimer mS M u32	3303762176	• = = =		
CtermShutdownTimer mS M u32	3303762176			
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	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				
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	1			
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	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	Result	
CTermActive_Cnt_M_lgc	1	1	~	
CtermOpModeStsTimer_mS_M_u32	3303762176	3303762176	•	
CtermShutdownTimer_mS_M_u32	3303762176	3303762176	•	
OpModeSts_Cnt_M_u16	8	8	✓	
PowerLatchTimeDID191D_Cnt_M_u16	0	0	•	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	~	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00319999992	0.00319999992 ± 0.00390625	~	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	~	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	~	
StartStopLogicEnable_Cnt_M_lgc	1	1	~	
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	loHwAb_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
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdlgnSts_Compact = 0.0000000000000000000000000000000000$	0
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlConstruction (Construction of the Construction of the Construction of the Construction of the Construction (Construction of the Construction of the Construction$	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	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_StartStopLog	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_	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00179999997	0.00179999997 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_Ap_VehPwrMd_Per1.Rte_Ap_VehP$	141	141	~
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	220	220	~

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 2.16 (Repeat Count = 1)			✓
Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComM	ode	
CtermOpModeStsTimer_mS_M_u32	175975168		
CtermShutdownTimer_mS_M_u32	175975168		
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	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_C	7		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCon	1		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	10		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	95.9821014		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	370		
k_CTermOpModeStsTimeout_mS_u16	43448		
k_CTermShutdownTimeout_mS_u16	1105		
k_RampDnRt_UlspmS_f32	0.00159999996		
k_RampUpRtLoSpd_UlspmS_f32	0.00219999999		
k_VehSpdEngOn_Kph_f32	454.734985		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	45296		
target_GetSystemTime_mS_u32_CurrentTime	175975168		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	-
CtermOpModeStsTimer_mS_M_u32	175975168	175975168	~

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Name	Actual Value	Expected Value	Result
CtermShutdownTimer_mS_M_u32	175975168	175975168	~
OpModeSts_Cnt_M_u16	10	10	•
PowerLatchTimeDID191D_Cnt_M_u16	251	251	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	<u> </u>	0	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	<u>e</u> 1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampF	a 0.00219999999	0.00219999999 ± 0.00390625	•
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRamp\	a 1	1 ± 0.00390625	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatch$	Ti 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_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			
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_lgc	1		
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComM	ode	
CtermOpModeStsTimer mS M u32	1084006144		
CtermShutdownTimer_mS_M_u32	4084006144		
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	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_	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	499.216095		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	63		
k_CTermOpModeStsTimeout_mS_u16	30644		
k_CTermShutdownTimeout_mS_u16	38085		
k_RampDnRt_UlspmS_f32	0.00289999996		
k_RampUpRtLoSpd_UlspmS_f32	0.00200000009		
k_VehSpdEngOn_Kph_f32	313.7388		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	983		
target_GetSystemTime_mS_u32_CurrentTime	4084006144		
target_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	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00200000009	0.00200000009 ± 0.00390625	✓
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa	1	1 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	~
StartStopLogicEnable_Cnt_M_lgc	0	0	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	~

Test Step Call Trace				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

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Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	15		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	394.685913		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	443		
k_CTermOpModeStsTimeout_mS_u16	2029		
k_CTermShutdownTimeout_mS_u16	56369		
k_RampDnRt_UlspmS_f32	0.00249999994		
k_RampUpRtLoSpd_UlspmS_f32	0.00319999992		
k_VehSpdEngOn_Kph_f32	314.166107		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	33467		
target_GetSystemTime_mS_u32_CurrentTime	3851144192		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	~
CtermOpModeStsTimer_mS_M_u32	3851144192	3851144192	~
CtermShutdownTimer_mS_M_u32	3851144192	3851144192	~
OpModeSts_Cnt_M_u16	15	15	~
PowerLatchTimeDID191D_Cnt_M_u16	212	212	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRampRampRampRampRampRampRampRampRamp$	0.00319999992	0.00319999992 ± 0.00390625	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa	1	1 ± 0.00390625	~
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_PowerLatchTime PowerLatchTime Power$	212	212	~
StartStopLogicEnable_Cnt_M_lgc	0	0	~
VehPwrMd2msCounter_Cnt_M_u16	444	444	~

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



Test Step 2.20 (Repeat Count = 1)		✓	
Name	Input Value		
CTermActive_Cnt_M_lgc	1		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	3509280512		
CtermShutdownTimer_mS_M_u32	3509280512		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_loHwAb_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_EngONSrlC	or 1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartSto	opi 1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_e	en 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Operational	M 10		
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_StartStopSts	s_ 3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpee	ed 195.240799		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpee	ed 1		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	28		
k_CTermOpModeStsTimeout_mS_u16	15454		
k_CTermShutdownTimeout_mS_u16	7467		
k_RampDnRt_UlspmS_f32	0.000199999995		
k_RampUpRtLoSpd_UlspmS_f32	0.000199999995		
k_VehSpdEngOn_Kph_f32	106.529297		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	20045		
target_GetSystemTime_mS_u32_CurrentTime	3509280512		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value Expected Value	Result	
CTermActive_Cnt_M_lgc	1 1	~	
CtermOpModeStsTimer_mS_M_u32	3509280512 3509280512	•	
CtermShutdownTimer_mS_M_u32	3509280512 3509280512	✓	
OpModeSts_Cnt_M_u16	10 10	✓	
PowerLatchTimeDID191D_Cnt_M_u16	0 0	~	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	e_ 1	~	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActiv	re_ 1	~	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampF	Ra 0.000199999995 ± 0.00390625	~	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRamp\	/a 1 1 ± 0.00390625	~	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatch	TTI 0 0	~	
StartStopLogicEnable_Cnt_M_lgc	1	~	
VehPwrMd2msCounter Cnt M u16	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	•

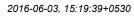
Test Step 2.21 (Repeat Count = 1)	✓
Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	3092817408
CtermShutdownTimer_mS_M_u32	3092817408
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
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_CmdlgnSts_C	1
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_EngONSrlCorrections and the property of the prope$	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_ender and the property of th$	2
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM	4
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_StartStopLogical Control of the Con$	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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	1	1	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_$	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00150000001	0.00150000001 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	~
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_PowerLatchTime PowerLatchTime Power$	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	✓

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	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 2.23 (Repeat Count = 1)		•
Name	Input Value	
CTermActive Cnt M Igc	0	
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComMode	
CtermOpModeStsTimer mS M u32	2324288256	
CtermShutdownTimer mS M u32	2324288256	
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
IoHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_signal	
OpModeSts_Cnt_M_u16	3	
PowerLatchTimeDID191D Cnt M u16	252	
Rte ModeMachine StaMd9 SystemState9 Mode	4	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CmdlgnSt	ts C 1	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSri	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		
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	peed 19.5473995	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSp	peed 1	
StartStopLogicEnable_Cnt_M_lgc	1	
VehPwrMd2msCounter_Cnt_M_u16	204	
k_CTermOpModeStsTimeout_mS_u16	27906	
k_CTermShutdownTimeout_mS_u16	49761	
k_RampDnRt_UlspmS_f32	0.00209999993	
k_RampUpRtLoSpd_UlspmS_f32	0.00120000006	
k_VehSpdEngOn_Kph_f32	127.231102	
target_ComM_GetCurrentComMode_ComMode	1	
target_DtrmnElapsedTime_mS_u16_ElapsedTime	53494	
target_GetSystemTime_mS_u32_CurrentTime	2324288256	
target_loHwAb_GetEpsEn_signal	0	
Name	Actual Value Expected Value	Resul
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	tive_ 1 1	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermAct	tive_ 0 0	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRam		390625
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	chTi 0 0	•
StartStopLogicEnable_Cnt_M_lgc	1 1	•
VehPwrMd2msCounter Cnt M u16	0 0	•

T 404 0 11 T				
Test Step Call Trace				✓
Actual Function	Count	Expected Function	Coun	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 2.24 (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	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		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	461.435913		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	23		
k_CTermOpModeStsTimeout_mS_u16	10121		
k_CTermShutdownTimeout_mS_u16	54167		
k_RampDnRt_UlspmS_f32	0.00449999981		
k_RampUpRtLoSpd_UlspmS_f32	0.00380000006		
k_VehSpdEngOn_Kph_f32	261.692688		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	42063		
target_GetSystemTime_mS_u32_CurrentTime	2552161536		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	~
CtermOpModeStsTimer_mS_M_u32	2552161536	2552161536	•
CtermShutdownTimer_mS_M_u32	2552161536	2552161536	•
OpModeSts_Cnt_M_u16	1	1	~
PowerLatchTimeDID191D_Cnt_M_u16	201	201	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	-
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRampRampRampRampRampRampRampRampRamp$	0.00380000006	0.00380000006 ± 0.00390625	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampValue Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampValue Ap_VehPwrMd_VehPwrMd_VehPwrMd_Per1.Rte_OperRampValue Ap_VehPwrMd_VehPw$	1	1 ± 0.00390625	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatchTi	201	201	~
StartStopLogicEnable_Cnt_M_lgc	0	0	-
VehPwrMd2msCounter_Cnt_M_u16	24	24	~

Test Step Call Trace				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	~

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	•

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Name	Actual Value	Expected Value	Result
CtermOpModeStsTimer_mS_M_u32	2165707776	2165707776	•
CtermShutdownTimer_mS_M_u32	2165707776	2165707776	~
OpModeSts_Cnt_M_u16	3	3	✓
PowerLatchTimeDID191D_Cnt_M_u16	158	158	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	•
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa	0.00159999996	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	i 158	158	•
StartStopLogicEnable_Cnt_M_lgc	0	0	~
VehPwrMd2msCounter_Cnt_M_u16	301	301	~

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	~

T +0 +0 T (D +0 +4)			
Test Step 2.27 (Repeat Count = 1)	Invest Value		✓
Name	Input Value		
CTermActive_Cnt_M_lgc	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		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTi	ime	
IoHwAb_GetEpsEn(signal)	target_loHwAb_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		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlConstruction (Construction of the Construction of the Construction of the Construction of the Construction (Construction of the Construction of the Construction$	0		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd$	2		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_error and approximation of the property of t$	2		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_Operational Matter and Matt$	1		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogRessure $	i 1		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.R$	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	60.1897011		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	90		
k_CTermOpModeStsTimeout_mS_u16	53016		
k_CTermShutdownTimeout_mS_u16	25800		
k_RampDnRt_UlspmS_f32	0.00499999989		
k RampUpRtLoSpd UlspmS f32	0.0049000006		
k VehSpdEngOn Kph f32	272.552185		
target ComM GetCurrentComMode ComMode	1		
target DtrmnElapsedTime mS u16 ElapsedTime	29887		
target GetSystemTime mS u32 CurrentTime	3786180352		
target IoHwAb GetEpsEn signal	0		
Name	Actual Value	Expected Value	Result
CTermActive Cnt M 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	j
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		0.00499999999 ± 0.00390025 0 ± 0.00390625	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatchT		0 ± 0.00390625	
	1	1	
StartStopLogicEnable_Cnt_M_lgc		91	
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_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb GetEpsEn(signal)	target IoHwAb GetEpsEn signal		
OpModeSts Cnt M u16	15		
PowerLatchTimeDID191D Cnt M u16	56		
Rte ModeMachine StaMd9 SystemState9 Mode	4		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte 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_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_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	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogic	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	395.828888		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	473		
k_CTermOpModeStsTimeout_mS_u16	4719		
k_CTermShutdownTimeout_mS_u16	43089		
k_RampDnRt_UlspmS_f32	0.00100000005		
k_RampUpRtLoSpd_UlspmS_f32	9.9999975e-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_OperRampRa	9.9999975e-005	9.99999975e-005 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatchTi	0	0	~
StartStopLogicEnable_Cnt_M_lgc	0	0	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

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

Test Step 2.30 (Repeat Count = 1)	✓
Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	4284291072
CtermShutdownTimer_mS_M_u32	4284291072
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_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
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_encept and the property of t$	0
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_Operational Materials and the properties of the properties $	8
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogical Control of the Contro$	1
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_RD.Rte_R$	1
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeeds and the property of th$	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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	1	1	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRampRampRampRampRampRampRampRampRamp$	0.00499999989	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	~

est Step 2.31 (Repeat Count = 1)			•
lame	Input Value		
TermActive Cnt M Igc	1		
comM_GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComMode		
termOpModeStsTimer mS M u32	937917184		
termShutdownTimer mS M u32	937917184		
trmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapse	edTime	
etSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTi	ime	
HwAb GetEpsEn(signal)	target IoHwAb GetEpsEn signal		
ppModeSts Cnt M u16	5		
owerLatchTimeDID191D Cnt M u16	176		
te ModeMachine StaMd9 SystemState9 Mode	1		
te Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CmdlgnSts C	1		
te Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCor	1		
te Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop	3		
tte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2		
te Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM	6		
tte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi			
tte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1		
tte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	211.351593		
tte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
tartStopLogicEnable_Cnt_M_lgc	1		
ehPwrMd2msCounter_Cnt_M_u16	111		
CTermOpModeStsTimeout_mS_u16	19028		
_CTermShutdownTimeout_mS_u16	63347		
RampDnRt_UlspmS_f32	0.000300000014		
RampUpRtLoSpd_UlspmS_f32	0.000500000024		
VehSpdEngOn Kph f32	347.253601		
arget_ComM_GetCurrentComMode_ComMode	0		
arget_DtrmnElapsedTime_mS_u16_ElapsedTime	26557		
arget GetSystemTime mS u32 CurrentTime	937917184		
arget IoHwAb GetEpsEn signal	1		
lame	Actual Value	Expected Value	Resu
TermActive_Cnt_M_lgc	1	1	
termOpModeStsTimer_mS_M_u32	937917184	937917184	
termShutdownTimer mS M u32	937917184	937917184	
ppModeSts Cnt M u16		6	
owerLatchTimeDID191D Cnt M u16	6	0	
	0	0	
te Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte ATermActive	0		
tte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_ tte_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_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	loHwAb_GetEpsEn	1	•
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	~

Test Step 2.32 (Repeat Count = 1)	Innut Value		
Name	Input Value		
CTermActive_Cnt_M_lgc	1		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	664031744		
CtermShutdownTimer_mS_M_u32	664031744		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb_GetEpsEn(signal)	target_IoHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	4		
PowerLatchTimeDID191D_Cnt_M_u16	56		
Rte_ModeMachine_StaMd9_SystemState9_Mode	0		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CmdlgnSts 0	7		
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	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_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	383.509796		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed	1		
StartStopLogicEnable Cnt M Igc	1		
VehPwrMd2msCounter Cnt M u16	247		
k CTermOpModeStsTimeout mS u16	59845		
k CTermShutdownTimeout mS u16	22049		
k RampDnRt UlspmS f32	0.00319999992		
k RampUpRtLoSpd UlspmS f32	0.00340000005		
k VehSpdEngOn Kph f32	125.061501		
target ComM GetCurrentComMode ComMode	2		
target DtrmnElapsedTime mS u16 ElapsedTime	31490		
target GetSystemTime mS u32 CurrentTime	664031744		
target IoHwAb GetEpsEn signal	1		
Name	Actual Value Expected Value	Resu	
CTermActive Cnt M lgc	1 Expected value	Resu	
	664031744 664031744		
CtermOpModeStsTimer_mS_M_u32	664031744 664031744 664031744		
CtermShutdownTimer_mS_M_u32	11 11		
OpModeSts_Cnt_M_u16	11		
PowerLatchTimeDID191D_Cnt_M_u16			
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		25	
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	•	
VehPwrMd2msCounter_Cnt_M_u16	0 0		

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM GetCurrentComMode	1	ComM GetCurrentComMode	1	✓

Test Step 2.33 (Repeat Count = 1)	→
Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	3165244672





Name	Input Value			
CtermShutdownTimer_mS_M_u32	3165244672			
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_Cur	rrentTime		
IoHwAb_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	_C 3			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrl0	Cor 1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartSt	op: 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_Operational	IM 5			
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	ts_ 1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpe	eed 223.968307			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpe	eed 1			
StartStopLogicEnable_Cnt_M_lgc	1			
VehPwrMd2msCounter_Cnt_M_u16	193			
k_CTermOpModeStsTimeout_mS_u16	27054			
k_CTermShutdownTimeout_mS_u16	43377			
k RampDnRt UlspmS f32	0.0046000001			
k_RampUpRtLoSpd_UlspmS_f32	0.00219999999			
k_VehSpdEngOn_Kph_f32	337.549805			
target ComM GetCurrentComMode ComMode	1			
target_DtrmnElapsedTime_mS_u16_ElapsedTime	55695			
target_GetSystemTime_mS_u32_CurrentTime	3165244672			
target IoHwAb GetEpsEn signal	1			
Name	Actual Value	Expected Value	Resul	
CTermActive Cnt M Igc	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 ATermActiv	ve 1	1		
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	-	0.00219999999 ± 0.00390625		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRamp		1 ± 0.00390625	•	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatc		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_0	5
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlControl (No. 1) and the property of the prop$	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	2
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogical Control of the Contro$	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	369.279205
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed	0
StartStopLogicEnable_Cnt_M_lgc	0
VehPwrMd2msCounter_Cnt_M_u16	380





Name	Input Value		
k_CTermOpModeStsTimeout_mS_u16	48958		
k_CTermShutdownTimeout_mS_u16	53613		
k_RampDnRt_UlspmS_f32	0.00419999985		
k_RampUpRtLoSpd_UlspmS_f32	0.00449999981		
k_VehSpdEngOn_Kph_f32	6.66739988		
target_ComM_GetCurrentComMode_ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	25811		
target_GetSystemTime_mS_u32_CurrentTime	1091918848		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	~
CtermOpModeStsTimer_mS_M_u32	1091918848	1091918848	•
CtermShutdownTimer_mS_M_u32	1091918848	1091918848	~
OpModeSts_Cnt_M_u16	2	2	•
PowerLatchTimeDID191D_Cnt_M_u16	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa	0.00419999985	0.00419999985 ± 0.00390625	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	~
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	~
DtrmnElapsedTime mS u16	1	DtrmnElapsedTime mS u16	1	✓

Name	Input Value		
CTermActive_Cnt_M_lgc	1		
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComMode		
CtermOpModeStsTimer mS M u32	937917184		
CtermShutdownTimer mS M u32	937917184		
DtrmnElapsedTime mS u16(ElapsedTime)	target DtrmnElapsedTime mS u16 ElapsedTime		
GetSystemTime mS u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
loHwAb GetEpsEn(signal)	target IoHwAb GetEpsEn signal		
OpModeSts Cnt M u16	15		
PowerLatchTimeDID191D Cnt M u16	119		
Rte_ModeMachine_StaMd9_SystemState9_Mode	3		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte 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	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_loHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Resul
CTermActive_Cnt_M_lgc	0	0	
CtermOpModeStsTimer_mS_M_u32	937917184	937917184	
CtermShutdownTimer_mS_M_u32	937917184	937917184	
OpModeSts_Cnt_M_u16	12	12	
PowerLatchTimeDID191D_Cnt_M_u16	0	0	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermActive	0	0	





Name	Actual Value	Expected Value	Result
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00449999981	0.00449999981 ± 0.00390625	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime Ap_VehPwrMd$	0	0	~
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

Test Step Call Trace				
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	•

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	
loHwAb GetEpsEn(signal) target loHwAb GetEpsEn signal	
OpModeSts Cnt M u16	
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 0	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop 3	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt en 1	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM_7	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi 1	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts 3	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed 369.279205	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed_0	
StartStopLogicEnable Cnt M lgc 0	
VehPwrlMd2msCounter 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 0	
target DtrmElapsedTime mS u16 ElapsedTime 25811	
target_GetSystemTime_mS_u32_CurrentTime 1091918848	
target IoHwAb GetEpsEn signal 1	
Name Actual Value Expected Value	Result
CTermActive Cnt M lgc 0 0	~
CtermOpModeStsTimer mS M u32 1091918848 1091918848	~
CtermShutdownTimer mS M u32 1091918848 1091918848	_
OpModeSts Cnt M u16 7 7	•
PowerLatchTimeDID191D Cnt M u16 0 0	_
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte ATermActive 1	•
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	•
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	
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 2.37 (Repeat Count = 1)		✓	
Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	2563682048		
CtermShutdownTimer_mS_M_u32	2563682048		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target DtrmnElapsedTime mS u16 ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime		
IoHwAb GetEpsEn(signal)	target_loHwAb_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	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt en	2		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM	10		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	259.980896		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed			
StartStopLogicEnable Cnt M Igc	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	✓	
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	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_EngONSrlCor	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	0
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_ender and the property of th$	2
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM	1
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_StartStopLogical Control of the Con$	0



Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	89.0277023		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	372		
k_CTermOpModeStsTimeout_mS_u16	49169		
k_CTermShutdownTimeout_mS_u16	15912		
k_RampDnRt_UlspmS_f32	0.00150000001		
k_RampUpRtLoSpd_UlspmS_f32	0.00150000001		
k_VehSpdEngOn_Kph_f32	460.510101		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	61504		
target_GetSystemTime_mS_u32_CurrentTime	3534665216		
target_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	~
CtermOpModeStsTimer_mS_M_u32	3534665216	3534665216	~
CtermShutdownTimer_mS_M_u32	3534665216	3534665216	~
OpModeSts_Cnt_M_u16	1	1	~
PowerLatchTimeDID191D_Cnt_M_u16	0	0	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRampRampRampRampRampRampRampRampRamp$	0.00150000001	0.00150000001 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	~
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_PowerLatchTime PowerLatchTime Power$	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	✓

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	✓

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Name	Actual Value	Expected Value	Result
OpModeSts_Cnt_M_u16	13	13	~
PowerLatchTimeDID191D_Cnt_M_u16	51	51	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00329999998	0.00329999998 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatchTi	51	51	•
StartStopLogicEnable_Cnt_M_lgc	0	0	~
VehPwrMd2msCounter_Cnt_M_u16	285	285	•

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 GetCurrentComMode ComM	ode	
CtermOpModeStsTimer mS M u32	2107826176		
CtermShutdownTimer_mS_M_u32	2107826176		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime		
IoHwAb GetEpsEn(signal)	target IoHwAb GetEpsEn signal		
OpModeSts Cnt M u16	15		
PowerLatchTimeDID191D Cnt M u16	234		
Rte ModeMachine StaMd9 SystemState9 Mode	4		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CmdlgnSts C	5		
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	9		
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	1		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed	44.7630005		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed	1		
StartStopLogicEnable Cnt M Igc	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_loHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
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	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte ATermActive	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa		0.00159999996 ± 0.00390625	•
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	1	1	•
VehPwrMd2msCounter_Cnt_M_u16	0	0	•

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



Test Step 2.41 (Repeat Count = 1)			✓
Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	3996525312		
CtermShutdownTimer_mS_M_u32	3996525312		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapse	dTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTir	ne	
IoHwAb_GetEpsEn(signal)	target_loHwAb_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_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	~
CtermOpModeStsTimer_mS_M_u32	3996525312	3996525312	✓
CtermShutdownTimer_mS_M_u32	3996525312	3996525312	~
OpModeSts_Cnt_M_u16	6	6	~
PowerLatchTimeDID191D_Cnt_M_u16	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00159999996	0.00159999996 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	~
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	loHwAb_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_GetCurrentCom	Mode_ComMode	
CtermOpModeStsTimer_mS_M_u32	2074715136		
CtermShutdownTimer_mS_M_u32	2074715136		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS	_u16_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u3	32_CurrentTime	
IoHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_sign	nal	
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_C	CmdlgnSts_C 2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_E	EngONSrlCor 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_E	EngStartStop: 3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_M	MEC_Cnt_en 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_C	OperationalM 5		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_S	StartStopLogi 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_S	StartStopSts_ 2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_V	/ehicleSpeed 157.300797		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte V	/ehicleSpeed 0		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	388		
k_CTermOpModeStsTimeout_mS_u16	23450		
k_CTermShutdownTimeout_mS_u16	65535		
k_RampDnRt_UlspmS_f32	0.0040000019		
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	Resul
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_A	ATermActive 0	0	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte C		0	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_C		0.00400000019 ± 0.00390625	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte C		0 ± 0.00390625	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_F		95	
StartStopLogicEnable_Cnt_M_lgc	0	0	
VehPwrMd2msCounter Cnt M u16	389	389	



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	~
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.45 (Repeat Count = 1)			✓
Name	Input Value		
CTermActive Cnt M lgc	0		
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComM	ode	
CtermOpModeStsTimer mS M u32	1949423360		
CtermShutdownTimer mS M u32	1949423360		
DtrmnElapsedTime mS u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
IoHwAb GetEpsEn(signal)	target IoHwAb GetEpsEn signal		
OpModeSts Cnt M u16	3		
PowerLatchTimeDID191D Cnt M u16	192		
Rte ModeMachine StaMd9 SystemState9 Mode	3		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte 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	0		
VehPwrMd2msCounter Cnt M u16	403		
k CTermOpModeStsTimeout mS u16	62390		
k CTermShutdownTimeout mS u16	38277		
k RampDnRt UlspmS f32	0.00389999989		
k RampUpRtLoSpd UlspmS f32	0.00340000005		
k VehSpdEngOn Kph f32	430.764801		
target ComM GetCurrentComMode ComMode	1		
target DtrmnElapsedTime mS u16 ElapsedTime	40568		
target_GetSystemTime_mS_u32_CurrentTime	1949423360		
target IoHwAb GetEpsEn signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	~
CtermOpModeStsTimer mS M u32	1949423360	1949423360	•
CtermShutdownTimer_mS_M_u32	1949423360	1949423360	•
OpModeSts Cnt M u16	15	15	•
PowerLatchTimeDID191D Cnt M u16	0	0	•
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte ATermActive	1	1	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_		0	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa		0.00389999989 ± 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 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	loHwAb_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_CurrentTin	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_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	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_er	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalN	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_	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 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_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	10	10	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00139999995	0.00139999995 ± 0.00390625	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	a 0	0 ± 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	loHwAb_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
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_ender and the property of th$	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_IoHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	~
CtermOpModeStsTimer_mS_M_u32	2426865920	2426865920	~
CtermShutdownTimer_mS_M_u32	2426865920	2426865920	~
OpModeSts_Cnt_M_u16	2	2	~
PowerLatchTimeDID191D_Cnt_M_u16	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00230000005	0.00230000005 ± 0.00390625	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa	0	0 ± 0.00390625	-
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_PowerLatchTattlescape and the property of the pro$	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	~	
DtrmnElapsedTime mS u16	1	DtrmnElapsedTime mS u16	1	✓	

Name	Input Value			
CTermActive_Cnt_M_lgc	1			
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentCom	Mode ComMode		
CtermOpModeStsTimer mS M u32	1830144768	Wode_commode		
CtermShutdownTimer mS M u32	1830144768			
DtrmnElapsedTime_mS_u16(ElapsedTime)		u16 FlansedTime		
GetSystemTime mS u32(CurrentTime)		target_DtrmnElapsedTime_mS_u16_ElapsedTime target GetSystemTime mS u32 CurrentTime		
IoHwAb GetEpsEn(signal)	target IoHwAb GetEpsEn sign	_		
OpModeSts_Cnt_M_u16	15	101		
PowerLatchTimeDID191D Cnt M u16	0			
Rte ModeMachine StaMd9 SystemState9 Mode	3			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte Cmdlgn				
Rte Task 2ms 9.Rte RB.Rte Ap Vehr wind Vehr wind Perl.Rte EngONS				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStar				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC C				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte Operation	_			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartSto				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartSto				
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 Igc	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	0.00019999995			
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		Francis d Volus	Desui	
	Actual Value	Expected Value	Resu	
CTermActive_Cnt_M_lgc	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_ATermA	_	1	•	
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 OperRa	mpRa 0.00100000005	0.00100000005 ± 0.00390625		





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

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





Test Step 2.50 (Repeat Count = 1)			✓	
Name	Input Value			
CTermActive Cnt M lgc	0			
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComMode			
CtermOpModeStsTimer mS M u32	1808440576			
CtermShutdownTimer mS M u32	1808440576			
DtrmnElapsedTime mS u16(ElapsedTime)	target DtrmnElapsedTime mS u16 ElapsedTime			
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime			
IoHwAb GetEpsEn(signal)	target_loHwAb_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	3			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt en	0			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM	4			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi	1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	3			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	253.092804			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1			
StartStopLogicEnable_Cnt_M_lgc	0			
VehPwrMd2msCounter_Cnt_M_u16	446			
k_CTermOpModeStsTimeout_mS_u16	30573			
k_CTermShutdownTimeout_mS_u16	30913			
k_RampDnRt_UlspmS_f32	0.00260000001			
k_RampUpRtLoSpd_UlspmS_f32	0.000600000028			
k_VehSpdEngOn_Kph_f32	463.963013			
target_ComM_GetCurrentComMode_ComMode	2			
target_DtrmnElapsedTime_mS_u16_ElapsedTime	49387			
target_GetSystemTime_mS_u32_CurrentTime	1808440576			
target_loHwAb_GetEpsEn_signal	1			
Name	Actual Value	Expected Value	Result	
CTermActive_Cnt_M_lgc	1	1	~	
CtermOpModeStsTimer_mS_M_u32	1808440576	1808440576	•	
CtermShutdownTimer_mS_M_u32	1808440576	1808440576	~	
OpModeSts_Cnt_M_u16	4	4	•	
PowerLatchTimeDID191D_Cnt_M_u16	0	0	~	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	•	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	~	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.000600000028	0.000600000028 ± 0.00390625	•	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	~	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓	
StartStopLogicEnable_Cnt_M_lgc	1	1	•	
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓	

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

Test Step 2.51 (Repeat Count = 1)	✓
Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	522534400
CtermShutdownTimer_mS_M_u32	522534400
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
loHwAb_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_EngONSrlCon	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte MEC Cnt en	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	1





Name	Input Value		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLo	gi 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSt	s_ 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpe	ed 163.630402		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpe	ed 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 Attack and Attack $	e_ 1	1	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive Ap_VehPwrMd_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive Ap_VehPwrMd$	e_ 0	0	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRample Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRample Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRample Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRample Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRample Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRample Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRample Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRample Ap_VehPwrMd_VehPwrMd_VehPwrMd_Per1.Rte_OperRample Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRample Ap_VehPwrMd_Veh$	Ra 0.00159999996	0.00159999996 ± 0.00390625	✓
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRamp^{1}$	/a 0	0 ± 0.00390625	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatcher Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatcher Ap_VehPwrMd_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatcher Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatcher Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatcher Ap_VehPwrMd_Per1.Rte_PowerLatcher Ap_VehPwrMd_Per1.Rte_PwrMd_Per1.Rte_PwrMd_Pwr$	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	•	
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓	

Test Step 2.52 (Repeat Count = 1)			V
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	r 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_OperationalN	8		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLog	i 1		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_RB$	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	232.300797		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeeds and the property of th$	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_loHwAb_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					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓	
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	~	
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓	

Test Step 2.53 (Repeat Count = 1)			
Name	Input Value		
CTermActive_Cnt_M_lgc	1		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComI	Mode_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_u3	2_CurrentTime	
IoHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_sign	nal	
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_0	CmdlgnSts_C 2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_E	EngONSrlCor 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_f	EngStartStop: 1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_I	MEC_Cnt_en 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_0	OperationalM 7		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_S	StartStopLogi 0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_S	StartStopSts_ 2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_V	VehicleSpeed 306.669006		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte V	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	Resul
CTermActive Cnt M Igc	0	0	•
CtermOpModeStsTimer mS M u32	360054528	360054528	
CtermShutdownTimer_mS_M_u32	360054528	360054528	
OpModeSts Cnt M u16	7	7	
PowerLatchTimeDID191D Cnt M u16	0	0	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_/	ATermActive 1	1	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte (0	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_0		0.000699999975 ± 0.00390625	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_(0 ± 0.00390625	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_f		0	
StartStopLogicEnable Cnt M Igc	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_C	target_ComM_GetCurrentComMode_ComMode			
CtermOpModeStsTimer_mS_M_u32	3724068352				
CtermShutdownTimer_mS_M_u32	3724068352	3724068352			
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_El	target DtrmnElapsedTime mS u16 ElapsedTime			
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_Curre	target_GetSystemTime_mS_u32_CurrentTime			
IoHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_signal	target IoHwAb GetEpsEn signal			
OpModeSts_Cnt_M_u16	4				
PowerLatchTimeDID191D_Cnt_M_u16	96				
Rte_ModeMachine_StaMd9_SystemState9_Mode	4				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte 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	p: 0				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_e	n 0				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Operational	м о				
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 StartStopSt	s 0				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSper	ed 15.5255003				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSper	ed 1				
StartStopLogicEnable Cnt M lgc	0				
VehPwrMd2msCounter_Cnt_M_u16	414				
k_CTermOpModeStsTimeout_mS_u16	15519				
k_CTermShutdownTimeout_mS_u16	63613				
k_RampDnRt_UlspmS_f32	0.00340000005				
k_RampUpRtLoSpd_UlspmS_f32	0.000899999985				
k_VehSpdEngOn_Kph_f32	155.403793				
target ComM GetCurrentComMode ComMode	0				
target DtrmnElapsedTime mS u16 ElapsedTime	12625				
target GetSystemTime mS u32 CurrentTime	3724068352				
target_loHwAb_GetEpsEn_signal	1				
Name	Actual Value	Expected Value	Resul		
CTermActive_Cnt_M_lgc	0	0			
CtermOpModeStsTimer mS M u32	3724068352	3724068352			
CtermShutdownTimer_mS_M_u32	3724068352	3724068352			
OpModeSts Cnt M u16	0	0			
PowerLatchTimeDID191D Cnt M u16	0	0			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte ATermActiv		1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActiv		0	•		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampF		0.00340000005 ± 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			
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 2.55 (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	target_GetSystemTime_mS_u32_CurrentTime		
loHwAb_GetEpsEn(signal)	target_loHwAb_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_CmdIgnSts_	C 5			
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_Operationall	и 9			
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	s_ 0			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpee	ed 163.260101			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpee	ed O			
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	2_1	1	~	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	e_ 1	1	•	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampF	ta 0.00230000005	0.00230000005 ± 0.00390625	~	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampV	'a 1	1 ± 0.00390625	~	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatch	Ti O	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_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	1
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en$	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	6
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogical Control of the Contro$	1
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte$	2
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeeds and the property of th$	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_	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 2.57 (Repeat Count = 1)			·	
Name	Input Value			
CTermActive Cnt M Igc	0			
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComM	arget 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	me		
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_	c o			
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCo	or 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	n 1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalN	1 12			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLog	gi 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_loHwAb_GetEpsEn_signal	1			
Name	Actual Value	Expected Value	Resul	
CTermActive Cnt M Igc	0	0	•	
CtermOpModeStsTimer mS M u32	3626398464	3626398464		
CtermShutdownTimer_mS_M_u32	3626398464	3626398464	•	
OpModeSts Cnt M u16	12	12		
PowerLatchTimeDID191D_Cnt_M_u16	0	0	•	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive	1	1	•	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermActive		0	•	
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	i 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	le_ComMode		
CtermOpModeStsTimer_mS_M_u32	1808440576	1808440576		
CtermShutdownTimer_mS_M_u32	414673408	414673408		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u1	target_DtrmnElapsedTime_mS_u16_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_0	target_GetSystemTime_mS_u32_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			
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStandarder (App_VehPwrMd_VehPwrMd_Per1.Rte_EngStandarder (App_VehPwrMd_Per1.Rte_EngStandarder (App_VehPwrMd_Per1.Rte_EngStandarder (App_VehPwrMd_Per1.Rte_EngStandarder (App_VehPwrMd_Per1.Rte_EngStandarder (App_VehPwrMd_Per1.Rte_EngStandarder (App_VehPwrMd_Per1.Rte_EngStandarder (App_VehPwrMd_Per1.Rte_EngStandarde$	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				
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)	arget ComM GetCurrentComMode ComMode		
CtermOpModeStsTimer mS M u32	2062740480		
CtermShutdownTimer mS M u32	4087383296		
DtrmnElapsedTime mS u16(ElapsedTime)	target DtrmnElapsedTime mS u16 ElapsedTime		
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime		
IoHwAb GetEpsEn(signal)	target_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 IoHwAb GetEpsEn signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	
CtermOpModeStsTimer mS M u32	2062740480	2062740480	•
CtermShutdownTimer_mS_M_u32	2062740480	2062740480	
OpModeSts Cnt M u16	12	12	~
PowerLatchTimeDID191D Cnt M u16	0	0	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	•
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermActive		1	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa		0.00350000011 ± 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	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		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogRess(Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogRess(Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogRess(Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogRess(Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogRess(Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogRess(Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogRess(Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogRess(Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogRess(Ap_VehPwrMd_PwrMd_Per1.Rte_StartStopLogRess(Ap_VehPwrMd_PwrMd_PwrMd_PwrMd_P$	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	✓

 $StartStopLogicEnable_Cnt_M_lgc$

VehPwrMd2msCounter_Cnt_M_u16

Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi 226

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VehPwrMd_Per1		
Actual Value	Expected Value	Result
414673408	414673408	~
414673408	414673408	~
4	4	~
226	226	~
0	0	~
0	0	~
0.00240000011	0.00240000011 ± 0.00390625	~
0	0 ± 0.00390625	~
	414673408 414673408 4 226 0 0 0.00240000011	Actual Value Expected Value 414673408 414673408 414673408 414673408 4 4 226 226 0 0 0 0 0.00240000011 0.00240000011 ± 0.00390625

226

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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 2.62 (Repeat Count = 1)			✓
Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComM	lode	
CtermOpModeStsTimer_mS_M_u32	4087383296		
CtermShutdownTimer_mS_M_u32	4087383296		
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	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_C	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperationalM	9		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogi	0		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	321.851593		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed			
StartStopLogicEnable Cnt M lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	27		
k CTermOpModeStsTimeout mS u16	26181		
k CTermShutdownTimeout mS u16	2934		
k RampDnRt UlspmS f32	0.00350000011		
k RampUpRtLoSpd UlspmS f32	0.000300000014		
k VehSpdEngOn Kph f32	274.891205		
target ComM GetCurrentComMode ComMode	0		
target DtrmnElapsedTime mS u16 ElapsedTime	48198		
target GetSystemTime mS u32 CurrentTime	4087383296		
target IoHwAb GetEpsEn signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	0	0	~
CtermOpModeStsTimer mS M u32	4087383296	4087383296	✓
CtermShutdownTimer mS M u32	4087383296	4087383296	
OpModeSts Cnt M u16	9	9	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte ATermActive	1	1	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermActive	0	0	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa		0.00350000011 ± 0.00390625	✓
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 ✓				
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_CurrentTim	ne	
IoHwAb_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_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	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	5		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogi	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	284.209106		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	34		
k_CTermOpModeStsTimeout_mS_u16	57029		
k_CTermShutdownTimeout_mS_u16	7483		
k_RampDnRt_UlspmS_f32	0.0046000001		
k_RampUpRtLoSpd_UlspmS_f32	0.00179999997		
k_VehSpdEngOn_Kph_f32	234.8871		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	54413		
target_GetSystemTime_mS_u32_CurrentTime	4294967295		
target_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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	0	0	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRame Results (Apple of the Company of the Com$	0.0046000001	0.0046000001 ± 0.00390625	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	0	0 ± 0.00390625	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatchTi	131	131	~
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	35	35	~

Test Step Call Trace				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 2.65 (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
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_EngONSrlCornection (Cornection Cornection (Cornection (Cornect$	1
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_ences and the property of th$	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
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_VehicleSpeeds and the property of the property of$	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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_PowerLatchTask_2ms_9.Rte_RB.Rte$	ï 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			

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchT	i 124	124	•
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	443	443	_

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

Test Step 2.67 (Repeat Count = 1)			✓
Name	Input Value		
CTermActive_Cnt_M_lgc	1		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComM	lode	
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_loHwAb_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	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	10		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogic	0		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopSts	0		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeed	462.723389		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	191		
k_CTermOpModeStsTimeout_mS_u16	50296		
k_CTermShutdownTimeout_mS_u16	3649		
k_RampDnRt_UlspmS_f32	0.0027999999		
k_RampUpRtLoSpd_UlspmS_f32	0.0013		
k_VehSpdEngOn_Kph_f32	153.373993		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	58084		
target_GetSystemTime_mS_u32_CurrentTime	923278080		
target_loHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive Cnt M lgc	1	1	~
CtermOpModeStsTimer mS M u32	923278080	923278080	✓
CtermShutdownTimer mS M u32	923278080	923278080	-
OpModeSts_Cnt_M_u16	10	10	~
PowerLatchTimeDID191D Cnt M u16	163	163	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte ATermActive	0	0	•
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermActive		1	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa		0.0013 ± 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		163	•
StartStopLogicEnable_Cnt_M_lgc	0	0	~
VehPwrMd2msCounter Cnt M u16	192	192	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM GetCurrentComMode	1	ComM GetCurrentComMode	1	✓

Test Step 2.68 (Repeat Count = 1)	✓
Name	Input Value
CTermActive_Cnt_M_lgc	0





Name	Input Value			
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_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
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Rp_VehPwrMd_VehPwrMd_Per1.Rte_Rp_VehPwrMd_PwrMd_Per1.Rte_Rp_VehPwrMd_PwrMd_Per1.Rte_Rp_PwrMd$	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	-
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	1	1	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	1	1	-
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRame Results (Apple of the Company of the Com$	0.00109999999	0.00109999999 ± 0.00390625	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampValue and the property of th$	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	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	•
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.70 (Repeat Count = 1)		✓
Name	Input Value	
CTermActive_Cnt_M_lgc	1	
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode	
CtermOpModeStsTimer_mS_M_u32	3022289920	
CtermShutdownTimer_mS_M_u32	3022289920	
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
IoHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_signal	
OpModeSts_Cnt_M_u16	5	
PowerLatchTimeDID191D_Cnt_M_u16	0	
Rte_ModeMachine_StaMd9_SystemState9_Mode	2	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Cmd	gnSts_C 6	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngC	NSrlCor 1	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngS	artStop: 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 Oper	tionalM 10	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Start	topLogi 0	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Start	topSts_ 1	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Vehic	eSpeed 306.390106	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Vehic	eSpeed 0	
StartStopLogicEnable_Cnt_M_lgc	0	
VehPwrMd2msCounter_Cnt_M_u16	413	
k_CTermOpModeStsTimeout_mS_u16	48380	
k_CTermShutdownTimeout_mS_u16	44322	
k_RampDnRt_UlspmS_f32	0.000899999985	
k_RampUpRtLoSpd_UlspmS_f32	0.00150000001	
k_VehSpdEngOn_Kph_f32	201.047699	
target_ComM_GetCurrentComMode_ComMode	0	
target_DtrmnElapsedTime_mS_u16_ElapsedTime	65535	
target_GetSystemTime_mS_u32_CurrentTime	3022289920	
target_loHwAb_GetEpsEn_signal	1	
Name	Actual Value Expected	Value Result
CTermActive_Cnt_M_lgc	1 1	
CtermOpModeStsTimer_mS_M_u32	3022289920 3022289920	· •
CtermShutdownTimer_mS_M_u32	3022289920 3022289920) ~
OpModeSts Cnt M u16	10 10	✓



VehPwrMd_I	Per1
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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	✓

Name	Input Value	
CTermActive Cnt M lgc	0	
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode ComMode	
CtermOpModeStsTimer mS M u32	3827388160	
CtermShutdownTimer mS M u32	3827388160	
DtrmnElapsedTime mS u16(ElapsedTime)	target DtrmnElapsedTime mS u16 ElapsedTime	
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime	
IoHwAb_GetEpsEn(signal)	target IoHwAb GetEpsEn signal	
OpModeSts Cnt M u16	0	
PowerLatchTimeDID191D Cnt M u16	108	
Rte ModeMachine StaMd9 SystemState9 Mode	1	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_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		
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	483	
k CTermOpModeStsTimeout mS u16	38384	
k CTermShutdownTimeout mS u16	52502	
k_RampDnRt_UlspmS_f32	0.00200000009	
k RampUpRtLoSpd UlspmS f32	0.0040000019	
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	Resu
CTermActive_Cnt_M_lgc	0 0	
CtermOpModeStsTimer mS M u32	3827388160 3827388160	
CtermShutdownTimer mS M u32	3827388160 3827388160	
OpModeSts Cnt M u16	6	
PowerLatchTimeDID191D Cnt M u16	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		
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	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	✓

VehPwrMd_Per1



VehPwrMd_Per1

2016-06-03, 15:19:39+0530



Test Case 3: Path Test

2016-06-03, 15:19:39+0530

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)"

((ATermActive_Cnt_T_Igc) ==>True |

((ATermActive_Cnt_M_Igc) ==>True |

((ATermActive_Cnt_M_Igc) ==>True |

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

TS3.3"((INTInfoActive_Cnt_T_Igc) ==>False && (VehPwrMd2msCounter_Cnt_M_u16 == 500u))"

TS3.3"((INTInfoActive_Cnt_T_Igc) ==>False && (VehPwrMd2msCounter_Cnt_M_u16 == 500u))"

((StartStopLogicEnable_Cnt_M_Igc) == FALSE) ==>=False && (VehPwrMd2msCounter_Cnt_M_u16 == 500u))"

(StartStopLogicEnable_Cnt_M_Igc) == TRUE) && (SysState_Cnt_T_U16) == OpModeSts_Cnt_T_U16 || D_IGNSNA_CNT_U16 == OpModeSts_Cnt_T_U16)) ((StartStopLogicEnable_Cnt_M_Igc) == TRUE) && (SysState_Cnt_T_Enum == RTE_MODE_StaMd_Mode_OPERATE) && ((D_IGNONENGON_CNT_U16 == OpModeSts_Cnt_T_U16) ==>True) && ((D_IGNONENGON_CNT_U16 == OpModeSts_Cnt_T_U16) ==>False) ((D_IGNONENGON_C
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} $$(PowerLatchTimeDID191D_Cnt_M_u16>= 255u)==>False"$$TS3.21(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_ComM	Mode	
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_CmdIgnSts_C	7
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCor	1.
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_PwrMd_Per1.Rte_EngStartSto$	3

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VehPwrMd_Per1

Name	Input Value		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_MEC_Cnt_ender and the property of the property of$	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	15		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogical Control of the Contro$	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	512		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1		
StartStopLogicEnable_Cnt_M_lgc	1		
VehPwrMd2msCounter_Cnt_M_u16	500		
k_CTermOpModeStsTimeout_mS_u16	65535		
k_CTermShutdownTimeout_mS_u16	65535		
k_RampDnRt_UlspmS_f32	0.00499999989		
k_RampUpRtLoSpd_UlspmS_f32	0.00499999989		
k_VehSpdEngOn_Kph_f32	512		
target_ComM_GetCurrentComMode_ComMode	2		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	65535		
target_GetSystemTime_mS_u32_CurrentTime	0		
target_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	15	•
PowerLatchTimeDID191D_Cnt_M_u16	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00499999989	0.00499999989 ± 0.00390625	✓
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa	1	1 ± 0.00390625	•
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	~
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM GetCurrentComMode	1	ComM GetCurrentComMode	1	✓





Test Step 3.3 (Repeat Count = 1)					
Name	Input Value				
CTermActive_Cnt_M_lgc	0				
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMod	target_ComM_GetCurrentComMode_ComMode			
CtermOpModeStsTimer_mS_M_u32	2547440384				
CtermShutdownTimer_mS_M_u32	2547440384				
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u1	6_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_CmdlgnSts_	C 3				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCo	or O				
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	1 2				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Operational	1 1				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLog	ji 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 VehicleSpee	d 423.002289				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpee	d 1				
StartStopLogicEnable Cnt M lgc	0				
VehPwrMd2msCounter Cnt M u16	499				
k CTermOpModeStsTimeout mS u16	10944				
k CTermShutdownTimeout mS u16	47796				
k RampDnRt UlspmS f32	0.00240000011				
k RampUpRtLoSpd UlspmS f32	0.00240000011				
k VehSpdEngOn Kph f32	421.034912				
target ComM GetCurrentComMode ComMode	1				
target DtrmnElapsedTime mS u16 ElapsedTime	17062				
target_GetSystemTime_mS_u32_CurrentTime	2547440384				
target_loHwAb_GetEpsEn_signal	1				
Name	Actual Value	Expected Value	Resu		
CTermActive_Cnt_M_lgc	1	1	71000		
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			
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	-	0.00240000011 ± 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			
TIO_TOOK_ZING_O.TIO_TIO.TIC_AP_VEHEWINIQ_VEHEWINIQ_FEHT.RIE_FOWEILOUT	1	1			
StartStopLogicEnable Cnt M lgc					

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
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CmdlgnSts_000000000000000000000000000000000000$	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_StartStopLog	i 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	368.745911		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpee	d 1		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	149		
k_CTermOpModeStsTimeout_mS_u16	61952		
k_CTermShutdownTimeout_mS_u16	18909		
k_RampDnRt_UlspmS_f32	0.00329999998		
k_RampUpRtLoSpd_UlspmS_f32	0.00190000003		
k_VehSpdEngOn_Kph_f32	41.1517982		
target_ComM_GetCurrentComMode_ComMode	1		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	51142		
target_GetSystemTime_mS_u32_CurrentTime	2101752320		
target_IoHwAb_GetEpsEn_signal	0		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	~
CtermOpModeStsTimer_mS_M_u32	2101752320	2101752320	•
CtermShutdownTimer_mS_M_u32	2101752320	2101752320	~
OpModeSts_Cnt_M_u16	6	6	~
PowerLatchTimeDID191D_Cnt_M_u16	0	0	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive Attack and Attack $	1	1	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive Ap_VehPwrMd_Per1.Rte_CTermActive Ap_VehPwrMd_Pe$	_ 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_OperRampVe	a 1	1 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchT	ï 0	0	~
StartStopLogicEnable_Cnt_M_lgc	0	0	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	~

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

Test Step 3.5 (Repeat Count = 1)			✓
Name	Input Value		
CTermActive_Cnt_M_lgc	0		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComM	ode	
CtermOpModeStsTimer_mS_M_u32	2270575616		
CtermShutdownTimer_mS_M_u32	2270575616		
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	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_0	4		
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	0		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	5		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLog	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_	1		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	114.150703		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	1 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	~

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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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	0	0	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRampRampRampRampRampRampRampRampRamp$	0.00340000005	0.00340000005 ± 0.00390625	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampVa	0	0 ± 0.00390625	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTime PowerLatchTime PowerLat$	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 ComMode			
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	✓	
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Task_2ms_9.Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_$	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_ComM	ode	
CtermOpModeStsTimer_mS_M_u32	1627798016		
CtermShutdownTimer_mS_M_u32	1627798016		
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	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_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	1627798016	1627798016	✓
CtermShutdownTimer_mS_M_u32	1627798016	1627798016	~
OpModeSts_Cnt_M_u16	8	8	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa		0.000199999995 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	•
ComM GetCurrentComMode	1	ComM GetCurrentComMode	1	~

Test Step 3.8 (Repeat Count = 1)	✓
Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	3303762176
CtermShutdownTimer_mS_M_u32	3303762176
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime





Name	Input Value		
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_C	3		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlCol	0		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngStartStop	3		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_ender and an approximation of the content of $	1		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalMaterial Applications and the property of the property of$	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_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	Result
CTermActive_Cnt_M_lgc	1	1	~
CtermOpModeStsTimer_mS_M_u32	3303762176	3303762176	~
CtermShutdownTimer_mS_M_u32	3303762176	3303762176	~
OpModeSts_Cnt_M_u16	8	8	~
PowerLatchTimeDID191D_Cnt_M_u16	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.00319999992	0.00319999992 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchT	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 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_CmdIgnSts_C	6
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte EngONSrlCor	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStop	2
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_encept and the property of t$	2
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_Operational Materials and the properties of the properties $	11
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLogical Control of the Contro$	0
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopSts_Rte_RB.Rte_RD.Rte_R$	0
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeeds and the property of th$	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				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 3.10 (Repeat Count = 1)				
Name	Input Value			
CTermActive_Cnt_M_lgc	1			
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMod			
CtermOpModeStsTimer_mS_M_u32	3851144192			
CtermShutdownTimer_mS_M_u32	3851144192			
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedT	arget_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	s_C 5			
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_EngStartS	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	alM 15			
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	ts_ 1			
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_VehicleSpo	eed 0			
StartStopLogicEnable_Cnt_M_lgc	1			
VehPwrMd2msCounter_Cnt_M_u16	443			
c_CTermOpModeStsTimeout_mS_u16	2029			
k_CTermShutdownTimeout_mS_u16	56369			
<pre>c_RampDnRt_UlspmS_f32</pre>	0.00249999994			
k RampUpRtLoSpd UlspmS f32	0.00319999992			
VehSpdEngOn Kph f32	314.166107			
arget_ComM_GetCurrentComMode_ComMode	0			
arget DtrmnElapsedTime mS u16 ElapsedTime	33467			
arget GetSystemTime mS u32 CurrentTime	3851144192			
target_loHwAb_GetEpsEn_signal	0			
Name	Actual Value	Expected Value	Result	
CTermActive_Cnt_M_lgc		1	110001	
CtermOpModeStsTimer mS M u32		3851144192		
CtermShutdownTimer mS M u32	111	3851144192		
OpModeSts Cnt M u16		15		
PowerLatchTimeDID191D Cnt M u16		212		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte ATermActi)		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CTermActi	-	1		
		0.00319999992 ± 0.00390625		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRamp Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRamp		1 ± 0.00390625		





Name	Actual Value	Expected Value	Result
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	212	212	~
StartStopLogicEnable_Cnt_M_lgc	0	0	~
VehPwrMd2msCounter Cnt M u16	444	444	✓

Test Step Call Trace				
Actual Function Count Expected Function C				
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 3.11 (Repeat Count = 1)	Invest Welling		
Name	Input Value		
CTermActive_Cnt_M_lgc	1		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMo	ode	
CtermOpModeStsTimer_mS_M_u32	1091918848		
CtermShutdownTimer_mS_M_u32	1091918848		
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_Elapsed	Time	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTim	e	
IoHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_signal		
OpModeSts_Cnt_M_u16	11		
PowerLatchTimeDID191D_Cnt_M_u16	198		
Rte_ModeMachine_StaMd9_SystemState9_Mode	2		
$Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_CmdIgnSts_0. Rte_Task_2ms_9. Rte_RB. Rte_Ap_VehPwrMd_VehPwrMd_Per1. Rte_CmdIgnSts_0. Rte_RB. Rte_$	5		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngONSrlConstruction (Construction of the Construction of the Construction of the Construction of the Construction (Construction of the Construction of the Construction$	0		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_VehPwrMd_Per1.Rte_EngStartStopPwrMd_PwrMd_Per1.Rte_EngStartStopPwrMd_PwrMd_Per1.Rte_EngStartStopPwrMd_Pw$	2		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_er	1		
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Operational Matter and Matter $	2		
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_	0		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte VehicleSpeer	369.279205		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	0		
StartStopLogicEnable_Cnt_M_lgc	0		
VehPwrMd2msCounter_Cnt_M_u16	380		
k CTermOpModeStsTimeout mS u16	48958		
k CTermShutdownTimeout mS u16	53613		
k RampDnRt UlspmS f32	0.00419999985		
k RampUpRtLoSpd UlspmS f32	0.00449999981		
k VehSpdEngOn Kph f32	6.66739988		
target ComM GetCurrentComMode ComMode	0		
target_DtrmnElapsedTime_mS_u16_ElapsedTime	25811		
target_GetSystemTime_mS_u32_CurrentTime	1091918848		
target_loHwAb_GetEpsEn_signal	1		
Name	Actual Value	Expected Value	Resul
	0	0	Resul
CTermActive_Cnt_M_lgc			
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_OperRampRi		0.00419999985 ± 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		0	1
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 Step 3.12 (Repeat Count = 1)			✓		
Name	Input Value				
CTermActive Cnt M Igc	0				
ComM GetCurrentComMode(ComMode)	arget ComM GetCurrentComMode ComMode				
CtermOpModeStsTimer_mS_M_u32	1808440576	•			
CtermShutdownTimer mS M u32	1808440576				
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	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 Igc	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_loHwAb_GetEpsEn_signal	1				
Name	Actual Value	Expected Value	Result		
CTermActive_Cnt_M_lgc	1	1	~		
CtermOpModeStsTimer_mS_M_u32	1808440576	1808440576	•		
CtermShutdownTimer_mS_M_u32	1808440576	1808440576	~		
OpModeSts_Cnt_M_u16	4	4	•		
PowerLatchTimeDID191D_Cnt_M_u16	0	0	~		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	~		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	~		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.000600000028	0.000600000028 ± 0.00390625	✓		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	~		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi	0	0	✓		
StartStopLogicEnable_Cnt_M_lgc	1	1	~		
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓		

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	~
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	•
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	~

Test Step 3.13 (Repeat Count = 1)	✓
Name	Input Value
CTermActive_Cnt_M_lgc	1
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	4189941760
CtermShutdownTimer_mS_M_u32	4189941760
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
IoHwAb_GetEpsEn(signal)	target_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_0	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	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_StartStopLog	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_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_	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_PowerLatchT	0	0	~
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	•
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.14 (Repeat Count = 1)			~
Name	Input Value		
CTermActive_Cnt_M_lgc	1		
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComM	lode	
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	me	
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_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	o: 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_OperationalM	1 4		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLog	ıi O		
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	d 389.885315		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed	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	•



Veh	Pwrl	Иd	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 Igc	0			
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode Com			
CtermOpModeStsTimer mS M u32	0			
CtermShutdownTimer mS M u32	0			
DtrmnElapsedTime mS u16(ElapsedTime)	target DtrmnElapsedTime mS u16 Elaps	sedTime		
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentT			
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_0	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				
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 VehicleSpeer				
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_Othm/_GetGutrentcom/wode_Com/wode target_DtrmnElapsedTime_mS_u16_ElapsedTime	58740			
target GetSystemTime mS u32 CurrentTime	0			
target_loHwAb_GetEpsEn_signal	0			
		Funcated Value	Daguit	
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	Y	
PowerLatchTimeDID191D_Cnt_M_u16	71	71	V	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive		0	V	
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		0.00100000005 ± 0.00390625	~	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa		0 ± 0.00390625	Y	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchT		71		
StartStopLogicEnable_Cnt_M_lgc	0	0	✓	
VehPwrMd2msCounter_Cnt_M_u16	469	469		



Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	•	
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	~	
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓	

Test Step 3.16 (Repeat Count = 1)			✓
Name	Input Value		
CTermActive Cnt M lgc	0		
ComM GetCurrentComMode(ComMode)	target ComM GetCurrentComMode 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		
IoHwAb GetEpsEn(signal)	target IoHwAb GetEpsEn signal		
OpModeSts Cnt M u16	10		
PowerLatchTimeDID191D Cnt M u16	246		
Rte ModeMachine StaMd9 SystemState9 Mode	2		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte CmdlgnSts C	5		
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	269		
k CTermOpModeStsTimeout mS u16	11759		
k CTermShutdownTimeout mS u16	26549		
k RampDnRt UlspmS f32	0.00039999999		
k RampUpRtLoSpd UlspmS f32	0.00109999999		
k VehSpdEngOn Kph f32	276.0849		
target ComM GetCurrentComMode ComMode	0		
target DtrmnElapsedTime mS u16 ElapsedTime	0		
target_GetSystemTime_mS_u32_CurrentTime	4124011776		
target IoHwAb GetEpsEn signal	1		
Name	Actual Value	Expected Value	Result
CTermActive_Cnt_M_lgc	1	1	~
CtermOpModeStsTimer_mS_M_u32	4124011776	4124011776	✓
CtermShutdownTimer_mS_M_u32	4124011776	4124011776	~
OpModeSts_Cnt_M_u16	6	6	✓
PowerLatchTimeDID191D_Cnt_M_u16	0	0	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_	1	1	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_	1	1	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte OperRampRa	0.00109999999	0.00109999999 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi		0	✓
StartStopLogicEnable_Cnt_M_lgc	1	1	~
VehPwrMd2msCounter_Cnt_M_u16	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~
IoHwAb_GetEpsEn	1	IoHwAb_GetEpsEn	1	✓
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	~
DtrmnElapsedTime mS u16	1	DtrmnElapsedTime mS u16	1	✓

Test Step 3.17 (Repeat Count = 1)	
Name	Input Value
CTermActive_Cnt_M_lgc	0
ComM_GetCurrentComMode(ComMode)	target_ComM_GetCurrentComMode_ComMode
CtermOpModeStsTimer_mS_M_u32	1174226176
CtermShutdownTimer_mS_M_u32	1627798016
DtrmnElapsedTime_mS_u16(ElapsedTime)	target_DtrmnElapsedTime_mS_u16_ElapsedTime





Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_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 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	8		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_StartStopLog	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_	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive	1	1	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa	0.000199999995	0.000199999995 ± 0.00390625	~
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa	1	1 ± 0.00390625	~
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte PowerLatchT	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_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
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_MEC_Cnt_en	0
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperationalM	2
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_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	~
$Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rte_Rt$	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 PowerLatchTi	212	212	~
StartStopLogicEnable_Cnt_M_lgc	0	0	~
VehPwrMd2msCounter_Cnt_M_u16	444	444	~

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 3.19 (Repeat Count = 1) Name	Input Value			
	0			
CTermActive_Cnt_M_lgc	-	-		
ComM_GetCurrentComMode(ComMode)	2547440384	target_ComM_GetCurrentComMode_ComMode		
CtermOpModeStsTimer_mS_M_u32	2547440384			
CtermShutdownTimer_mS_M_u32 DtrmnElapsedTime mS u16(ElapsedTime)	target DtrmnElapsedTime mS u16 ElapsedTime			
	target GetSystemTime mS u32 CurrentTime			
GetSystemTime_mS_u32(CurrentTime)				
loHwAb_GetEpsEn(signal)	target_loHwAb_GetEpsEn_signal			
OpModeSts_Cnt_M_u16	127			
PowerLatchTimeDID191D_Cnt_M_u16	2			
Rte_ModeMachine_StaMd9_SystemState9_Mode				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Cm				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte Eng				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Eng				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ME				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Op				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Sta				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Sta	· -			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Vel	·			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Vel				
StartStopLogicEnable_Cnt_M_lgc	0			
/ehPwrMd2msCounter_Cnt_M_u16	433 10944			
CTermOpModeStsTimeout_mS_u16				
CTermShutdownTimeout_mS_u16	47796			
C_RampDnRt_UlspmS_f32	0.00240000011			
<_RampUpRtLoSpd_UlspmS_f32	0.00240000011			
<_VehSpdEngOn_Kph_f32	421.034912			
arget_ComM_GetCurrentComMode_ComMode	1			
arget_DtrmnElapsedTime_mS_u16_ElapsedTime	17062			
target_GetSystemTime_mS_u32_CurrentTime	2547440384			
arget_loHwAb_GetEpsEn_signal	1			
Name	·	ected Value	Resu	
CTermActive_Cnt_M_lgc	1 1			
CtermOpModeStsTimer_mS_M_u32	2547440384 2547	7440384		
CtermShutdownTimer_mS_M_u32		7440384		
DpModeSts_Cnt_M_u16	7			
PowerLatchTimeDID191D_Cnt_M_u16	0 0			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_AT	rmActive_ 1 1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CT	rmActive_ 1 1			
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Op	rRampRa 0.00240000011 0.002	240000011 ± 0.00390625		
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte Op	rRampVa 1 1 ± 0	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_PowerLatchT	ï 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 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_Elapse	dTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTin		
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	loHwAb_GetEpsEn	1	•
ComM_GetCurrentComMode	1	ComM_GetCurrentComMode	1	~
DtrmnElapsedTime_mS_u16	1	DtrmnElapsedTime_mS_u16	1	✓





Imput Value	Test Step 3.21 (Repeat Count = 1)			✓
CremnActive Cntf, Milgo		Input Value		
Comm. GetCurrentComMode ComMode Comm. Mul 192 0 0 0 0 0 0 0 0 0	CTermActive Cnt M lgc	•		
ClermShutdownTimer_mS_M_u32 O		target ComM GetCurrentComMode ComM	Mode	
ClernShutdownTimer_mS_M_Q2 DimnElapsedTime_mS_u16(ElapsedTime) target_DimnElapsedTime_mS_u16(ElapsedTime) target_DimnElapsedTime_mS_u16(ElapsedTime) target_DimnElapsedTime_mS_u12(CurrenTime) target_DimNelapsedTime_mS_u12(CurrenTi	_ ,	U		
DitmnElapsedTime_mS_u16(ElapsedTime)		0		
GelSystemTime_mS_u32_CurrentTime target_lolfwAb_GelEpsEn.signal		target DtrmnElapsedTime mS u16 Elapse	edTime	
Individuals				
OpModeSts_Cnt_M_u16	, ,			
PowerLatchTimeDID191D_Cnt_M_u16 255 Rte_ModeMachine_StaMdg_SystemStates_Mode 0 0 0 0 Rte_Task_Zms_9 Rte_RR Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_CmdgnSts_C 0 0 0 Rte_Task_Zms_9 Rte_RR Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_EngoISnfCor 0 0 0 Rte_Task_Zms_9 Rte_RR Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_EngoIsnfStop 0 0 0 Rte_Task_Zms_9 Rte_RR Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_Operational 0 0 0 Rte_Task_Zms_9 Rte_RR Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_Operational 0 0 0 Rte_Task_Zms_9 Rte_RR Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_Operational 0 0 0 Rte_Task_Zms_9 Rte_RR Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_StartStopotol 0 0 0 Rte_Task_Zms_9 Rte_RR Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_VehicleSpeed 0 0 0 Rte_Task_Zms_9 Rte_RR Rte_Ap_VehPwrMd_Perl.Rte_VehicleSpeed 0 0 0 Rte_Task_Zms_9 Rte_RR Rte_Ap_VehPwrMd_Perl.Rte_VehicleSpeed 0 0 0 0 Rte_Task_Zms_9 Rte_RR Rte_Ap_VehPwrMd_Perl.Rte_VehicleSpeed 0 0 0 0 Rte_Task_Zms_9 Rte_RR Rte_Ap_VehPwrMd_Perl.Rte_VehicleSpeed 0 0 0 0 0 Rte_Task_Zms_9 Rte_RR Rte_Ap_VehPwrMd_Perl.Rte_VehicleSpeed 0 0 0 0 0 Rte_Task_Zms_9 Rte_RR Rte_Ap_VehPwrMd_Perl.Rte_VehicleSpeed 0 0 0 0 0 0 Rte_Task_Zms_9 Rte_RR Rte_Ap_VehPwrMd_Perl.Rte_VehicleSpeed 0 0 0 0 0 0 0 0 0				
Rte_Task_2ms_9 Rite_RB.Rite_Ap_VehPwrMd_VehPwrMd_Per1.Rte_EngORIST.Co		255		
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwMd_VehPwMd_Perl.Rte_EngOlnSifoor 0		0		
Rte Task 2ms 9. Rte RB Rte Ap VehPwrMd VehPwrMd Pert Rte EngStartStop 0		0		
Rt				
Rte Task 2ms 9.Rte RB. Rte Ap VehPwrMd VehPwrMd Perl Rte Operational				
Rte Task 2ms Rte RB. Rte Ap VehPwrMd VehPwrMd Per1. Rte StartStopLogic 0				
Rte Task 2ms 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Per1.Rte StartStopLogic				
Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_VehicleSpeed Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_VehicleSpeed Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_VehicleSpeed Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_VehicleSpeed Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_VehicleSpeed Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_Ap_VehPwrMd_Perl.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_Ap_VehPwrMd_Perl.Rte_OperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_OperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_OperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_OperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_OperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_OperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_OperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_OperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_OperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_DeperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_DeperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_DeperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_DeperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_DeperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_DeperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_DeperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_DeperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Perl.Rte_DeperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_Perl.Rte_DeperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_Perl.Rte_DeperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_Perl.Rte_DeperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_Perl.Rte_DeperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_Perl.Rte_DeperRampVal Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_				
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed CRte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed CRte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed CRte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRose CRte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_OperRampRose CRte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte_OperRampRose CRte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_Per1.Rte				
Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_VehicleSpeed StartStopLogicEnable_Cnt_M_upc Colorable_Cnt_M_upc Colo				
StartStopLogicEnable_Cnt_M_igc 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 9.9999975e-005 k_VehSpdEngOn_Kph_f32 0 target_ComM_GetCurrentComMode_ComMode 0 target_DtrmnElapsedTime_mS_u16_ElapsedTime 0 target_DtrmnElapsedTime_mS_u32_CurrentTime 0 target_loHwAb_GetEpsEn_signal 0 Name Actual Value Expected Value Result CTermActive_Cnt_M_lgc 0 0 0 V CtermOpModeStsTime_mS_M_u32 0 0 0 V OpModeSts_Cnt_M_u16 0 0 0 V OpModeSts_Cnt_M_u16 0 0 V V PowerLatchTimeDID191D_Cnt_M_u16 255 255 V V Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_0 0 0 V V Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_Results_Time_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_Op				
k_CTermOpModeStsTimeout_mS_u16 0 k_CTermShutdownTimeout_mS_u16 0 k_RampDnRtt_UlspmS_f32 9.99999975e-005 k_VehSpdEngOn_Kph_f32 0 k_VehSpdEngOn_Kph_f32 0 target_OrmM_GetCurrentComMode_ComMode 0 target_DtrmnElapsedTime_mS_u16_ElapsedTime 0 target_JoHwAb_GetEpsEn_signal 0 Name Actual Value Expected Value Result CTermActive_Cnt_M_lgc 0 0 0 0 CtermOpModeStsTimer_mS_M_u32 0 0 0 0 0 CtermOpModeStsTimer_mS_M_u32 0		499		
k_CTermShutdownTimeout_mS_u16		0		
k_RampDnRt_UlspmS_f32 9.99999975e-005 k_Zend_UlspmS_f32 9.99999975e-005 k_VehSpdEngOn_Kph_f32 0 target_ComM_GetCurrentComMode_ComMode 0 target_DtrmnElapsedTime_mS_u16_ElapsedTime 0 target_DtrmnElapsedTime_mS_u32_CurrentTime 0 target_loHwAb_GetEpsEn_signal 0 Name Actual Value Expected Value Result CTermActive_Cnt_M_lgc 0 0 0 0 CtermOpModeStsTimer_mS_M_u32 0 0 0 0 CtermShutdownTimer_mS_M_u32 0 0 0 0 OpModeSts_Cnt_M_u16 0 0 0 0 Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive 0 0 0 Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive 0 0 0 Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive 0 0 0 Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa 9.99999975e-005 9.99999975e-005 + 0.00390625 0 Rte_Task_zms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa 0 0 0 + 0.00390625		0		
k_RampUpRtLoSpd_UlspmS_f32 9.99999975e-005 k_VehSpdEngOn_Kph_f32 0 target_ComM_GetCurrentComMode_ComMode 0 target_DtrmnElapsedTime_mS_u16_ElapsedTime 0 target_JoHwAb_GetEpsEn_signal 0 Name Actual Value Expected Value Result CTermActive_Cnt_M_lgc 0 0 0 CtermOpModeStsTimer_mS_M_u32 0 0 0 CtermShutdownTimer_mS_M_u32 0 0 0 OpModeSts_Cnt_M_u16 0 0 0 PowerLatchTimeDID191D_Cnt_M_u16 255 255 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_0 0 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_0 0 0 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa_rask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_rask_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi 0		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 0 0 CtermOpModeStsTimer_mS_M_u32 0 0 0 0 CtermShutdownTimer_mS_M_u32 0 0 0 0 OpModeSts_Cnt_M_u16 0 0 0 0 OpwortLatchTimeDID191D_Cnt_M_u16 255 255 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_0 0 0 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_0 0 0 9.9999975e-005 ± 0.00390625 9.99999975e-005 ± 0.00390625 9.99				
target_ComM_GetCurrentComMode_ComMode 0 target_DtrmnElapsedTime_mS_u16_ElapsedTime 0 target_GetSystemTime_mS_u32_CurrentTime 0 target_IoHwAb_GetEpsEn_signal 0 Name Actual Value Expected Value Result CTermActive_Cnt_M_lgc 0 0 0 CtermOpModeStsTimer_mS_M_u32 0 0 0 CtermShutdownTimer_mS_M_u32 0 0 0 OpModeSts_Cnt_M_u16 0 0 0 PowerLatchTimeDID191D_Cnt_M_u16 255 255 255 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 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_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				
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 0 0 CtermOpModeStsTimer_mS_M_u32 0 0 0 0 CtermShutdownTimer_mS_M_u32 0 0 0 0 OpModeSts_Cnt_M_u16 0 0 0 0 PowerLatchTimeDID191D_Cnt_M_u16 255 255 255 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_0 0 0 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_0 0 0 0 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa 9.99999975e-005 9.99999975e-005 ± 0.00390625 0				
target_GetSystemTime_mS_u32_CurrentTime 0 target_IoHwAb_GetEpsEn_signal 0 Name Actual Value Expected Value Result CTermActive_Cnt_M_lgc 0 0 0 0 CtermOpModeStsTimer_mS_M_u32 0 0 0 0 CtermShutdownTimer_mS_M_u32 0 0 0 0 OpModeSts_Cnt_M_u16 0 0 0 0 PowerLatchTimeDID191D_Cnt_M_u16 255 255 255 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_0 0 0 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_0 0 <td></td> <td>0</td> <td></td> <td></td>		0		
target_loHwAb_GetEpsEn_signal 0 Name Actual Value Expected Value Result CTermActive_Cnt_M_lgc 0 0 0 0 CtermOpModeStsTimer_mS_M_u32 0 0 0 0 CtermShutdownTimer_mS_M_u32 0 0 0 0 OpModeSts_Cnt_M_u16 0 0 0 0 PowerLatchTimeDID191D_Cnt_M_u16 255 255 255 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_0 0		0		
Name Actual Value Expected Value Result CTermActive_Cnt_M_lgc 0 0 0 0 CtermCpModeStsTimer_mS_M_u32 0 0 0 0 CtermShutdownTimer_mS_M_u32 0 0 0 0 0 OpModeSts_Cnt_M_u16 0 0 0 0 0 0 PowerLatchTimeDID191D_Cnt_M_u16 255 255 255 255 0		0		
CtermOpModeStsTimer_mS_M_u32 0 0 CtermShutdownTimer_mS_M_u32 0 0 OpModeSts_Cnt_M_u16 0 0 PowerLatchTimeDID191D_Cnt_M_u16 255 255 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_0 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_0 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa_0 9.99999975e-005 9.99999975e-005 ± 0.00390625 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_0 0 0 0 ± 0.00390625 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTii 255 255 255		Actual Value	Expected Value	Result
CtermOpModeStsTimer_mS_M_u32 0 0 0 CtermShutdownTimer_mS_M_u32 0 0 0 OpModeSts_Cnt_M_u16 0 0 0 PowerLatchTimeDID191D_Cnt_M_u16 255 255 255 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_0 0 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_0 0 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa 9.99999975e-005 9.99999975e-005 ± 0.00390625 9.99999975e-005 ± 0.00390625 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTill 255 255 255	CTermActive Cnt M Iqc	0	0	~
CtermShutdownTimer_mS_M_u32 0 0 0 OpModeSts_Cnt_M_u16 0 0 0 PowerLatchTimeDID191D_Cnt_M_u16 255 255 255 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_0 0 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_0 0 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa_0 9.99999975e-005 9.99999975e-005 ± 0.00390625 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa_0 0 0 0 ± 0.00390625 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTill_0 255 255 255		0	0	•
OpModeSts_Cnt_M_u16 0 0 PowerLatchTimeDID191D_Cnt_M_u16 255 255 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_0 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_0 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa 9.99999975e-005 9.99999975e-005 ± 0.00390625 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa 0 0 ± 0.00390625 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi 255 255		0	0	
PowerLatchTimeDID191D_Cnt_M_u16 255 255 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_ATermActive_0 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_0 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa 9.99999975e-005 9.99999975e-005 ± 0.00390625 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa 0 0 ± 0.00390625 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi 255 255		0	0	•
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 0.99999975e-005 9.99999975e-005 ± 0.00390625 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa 0 0 ± 0.00390625 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi 255 255		255	255	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_CTermActive_0 0 0 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampRa 9.99999975e-005 9.99999975e-005 ± 0.00390625 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa 0 0 ± 0.00390625 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi 255 255	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_OperRampRa 9.99999975e-005 9.99999975e-005 ± 0.00390625 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa 0 0 ± 0.00390625 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi 255 255			0	
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_OperRampVa 0 0 ± 0.00390625 Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi 255 255			9.99999975e-005 ± 0.00390625	✓
Rte_Task_2ms_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Per1.Rte_PowerLatchTi 255 255				
				✓
			0	
VehPwrMd2msCounter Cnt M u16 500 500 ■		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/Descripti	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 (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	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	<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
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				V
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_CurrentTim	ne		
k_RampDnRt_UlspmS_f32	0.00499999989			
target_GetSystemTime_mS_u32_CurrentTime	4294967295			
Name	Actual Value	Expected Value	Result	
CtermOpModeStsTimer_mS_M_u32	4294967295	4294967295	~	
CtermShutdownTimer_mS_M_u32	4294967295	4294967295	~	
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRampRate	0.00499999989	0.00499999989	~	
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_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_u	u32_CurrentTime	
k_RampDnRt_UlspmS_f32	9.99999975e-005		
target_GetSystemTime_mS_u32_CurrentTime	2212967295		
Name	Actual Value	Expected Value	Result
CtermOpModeStsTimer_mS_M_u32	2212967295	2212967295	~
CtermShutdownTimer_mS_M_u32	2212967295	2212967295	✓
Rte_Task_Init_9.Rte_RB.Rte_Ap_VehPwrMd_VehPwrMd_Init1.Rte_OperRample	Rate 9.99999975e-005	9.9999975e-005	✓
Rte Task Init 9.Rte RB.Rte Ap VehPwrMd VehPwrMd Init1.Rte OperRamp	Valu 0	0	V

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_CurrentTin	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	0.00499999989	0.00499999989	~
$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 1.5 (Repeat Count = 1)			
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTir	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)			
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTim	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 $	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_CurrentTim	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_OperRampValu	0	0	✓

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