Summary

Total Test Objects:	2
Successful:	1
Failed:	1
Not Executed:	0
Date:	2018-03-12
Time:	13:21:04+0530

Overall Test Object Results (including Coverage)

Legend: OK (green), Not Executed (yellow), Not OK (red)
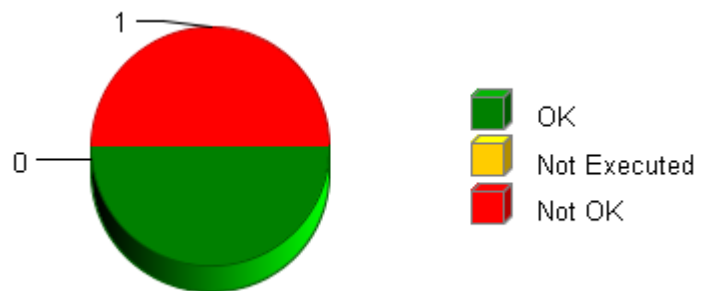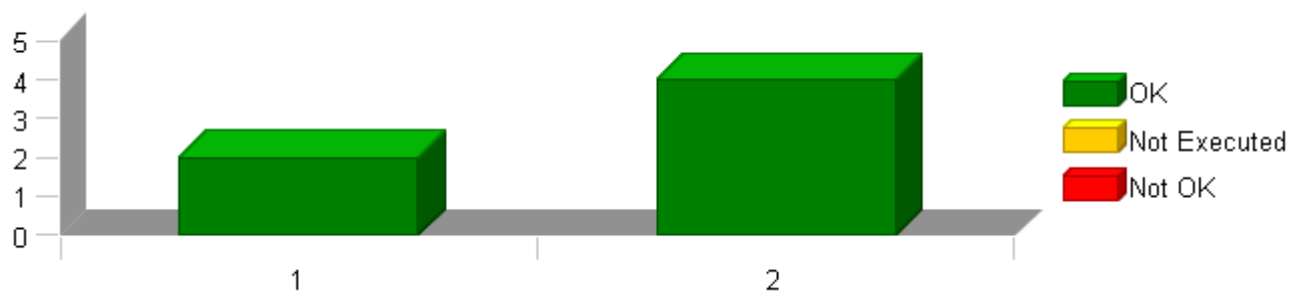
Selected Project Items

Test Collection "CBD_UnitTest"

Used Test Environments

TI TMS 570 PLS UDE (Default)

Test Case Results for Each Test Object (without Coverage)

Legend: OK (green), Not Executed (yellow), Not OK (red)

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

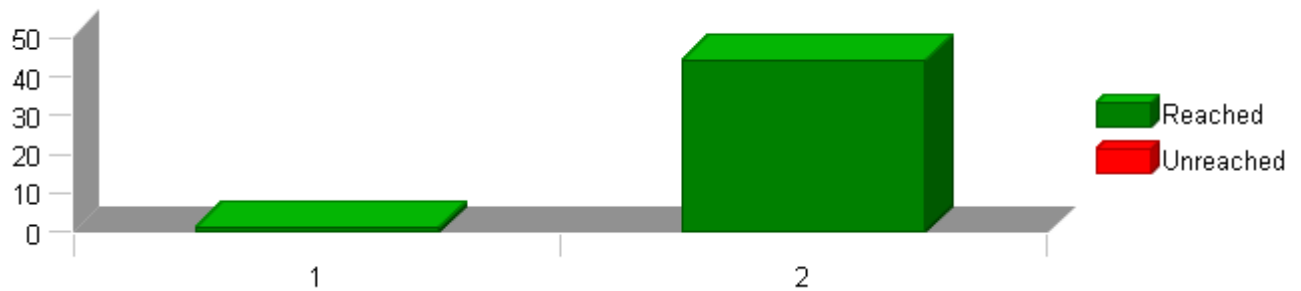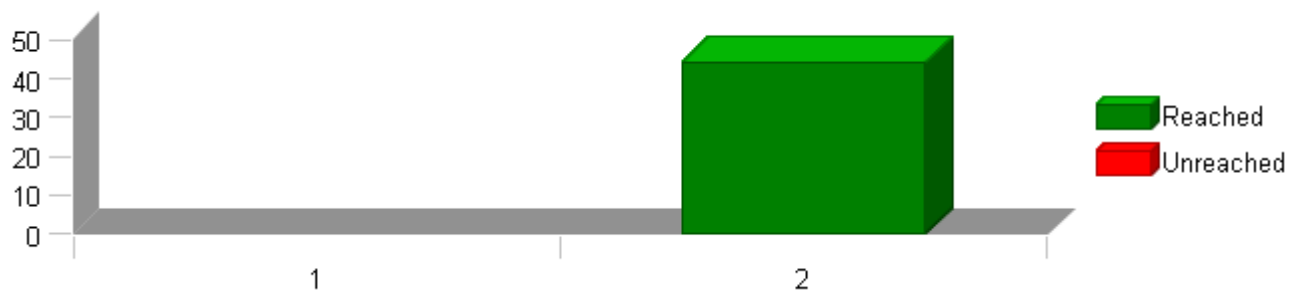Legend: Reached (green), Unreached (red)
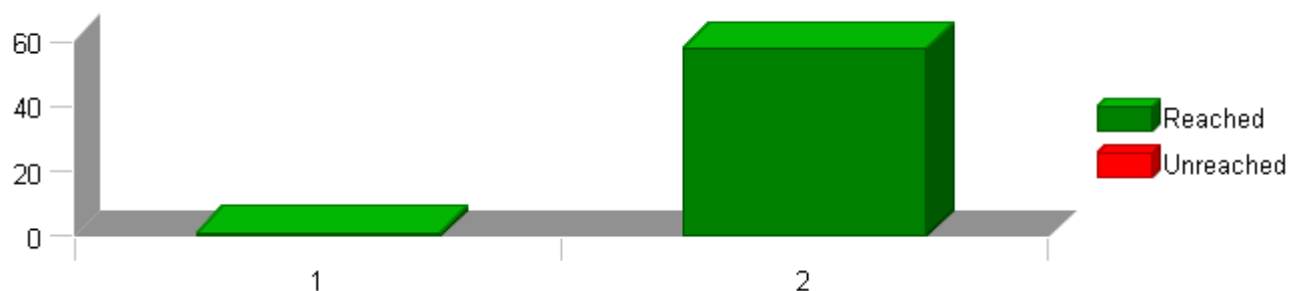
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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

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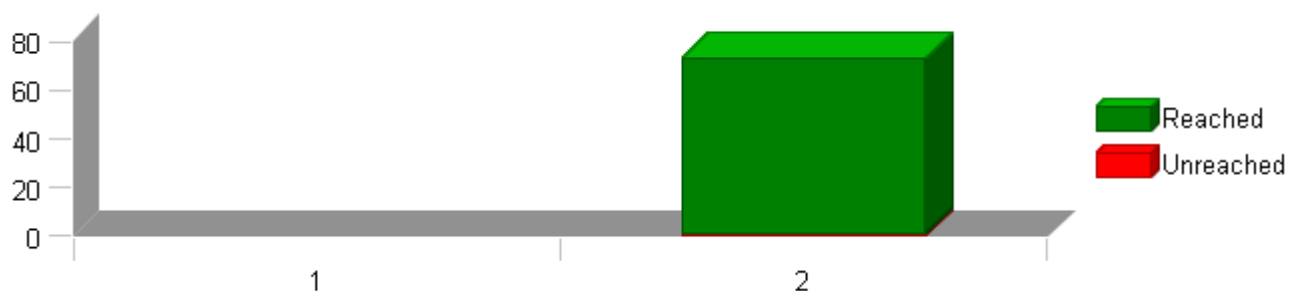
Decision Coverage: Total Decision Outcomes for Each Test Object

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

Each bar is divided into reached and unreached decision outcomes.

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

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

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

Test Object List

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

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

No.	Name	C0	C1	DC	MC/DC	Test Cases	Result
	VehPwrMd	100 %	100 %	100 %	98.63 %	6 of 6 passed	☒
	CBD_UnitTest	100 %	100 %	100 %	98.63 %	6 of 6 passed	☒
	VehPwrMd	100 %	100 %	100 %	98.63 %	6 of 6 passed	☒
1	VehPwrMd_Init1	100 %	100 %	-	-	2 of 2 passed	✔
2	VehPwrMd_Per1	100 %	100 %	100 %	98.63 %	4 of 4 passed	☒

Project	VehPwrMd
Module	VehPwrMd
Test Object	VehPwrMd_Per1

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Decision Coverage	100 %
Branch (C1) Coverage	100 %
MC/DC Coverage	98.63 %

Statistics

Total Testcases	4	
Successful	4	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\VehPwrMd
Configuration File	D:\Synergy_Work_Area\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	$(PROJECTROOT)\VehPwrMd\src\Ap_VehPwrMd.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I$(PROJECTROOT)\VehPwrMd\utp\contract -I$(PROJECTROOT)\VehPwrMd\utp\contract\Ap_VehPwrMd -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**
Module 'VehPwrMd'	*** Unit Test Information*** Name of Tester: Sachin Kamate Code File(s) Under Test: Ap_VehPwrMd.c Code File(s) Version: 2 Module Design Document: VehPwrMd_MDD.doc Module Design Document Version: 6 Data Dictionary Version: 6 Unit Test Plan Version: 3 Optimization Level: Ogeneral Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: None Model Version: Nexteer EPS Unit Test Tool 1.0 Total FLASH Used (Bytes): 978 Total RAM Used (Bytes): 19 Total CALS Used (Bytes): 36 Special Test Requirements: NA Test Date: 3/12/2018 Comments: Note1: Inline functions defined in "Globalmacro.h"are not unit tested. Note2: "CBD_Sandbox_dbg.map" file is embedded for reference. Note3: In Funtion "VehPwrMd_Per1", 100% MC/DC coverage is not possible at Src Line No. 955. Anomaly needs to be logged for the same. Note4: In Function "VehPwrMd_Per1", the PIM variable "RampStatus_Cnt_M_u08" is going Out of range [0, 3] over the DD range [0, 2]. Anomaly needs to be logged for the same. ***

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	$(TESSY_SYSPATH)\compiler\ti\tms470\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

Attributes	
Name	**Value**
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\VehPwrMd\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metric Test   ✔

Specification

```
Performance Metrics:

(With "None" Instrumentation and
"WithPS" Environment)

CPU Cycles:

TS1.1 1731.00 Cycles
TS1.2 1812.00 Cycles
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Description

Vector Description:

TS1.1 Shortest Execution Path:
if(CTerm_Cnt_M_lgc == FALSE)==>True,
if(((EngOn_Cnt_T_lgc == TRUE) &&
 (EPSEn_Cnt_T_lgc == TRUE)) ||
((VehSpdValid_Cnt_T_lgc == TRUE) &&
 (VehSpd_Kph_T_f32 > k_VehSpdThresh_Kph_f32)))==>False,
if(EngONSrlComSvcDft_Cnt_T_lgc == TRUE)==>False,
if(ATerm_Cnt_M_lgc == FALSE)==>True,
if((EPSEn_Cnt_T_lgc == TRUE) ||
((VehSpdValid_Cnt_T_lgc == TRUE) &&
 (VehSpd_Kph_T_f32 > k_VehSpdThresh_Kph_f32)) ||
(EngOn_Cnt_T_lgc == TRUE) ||
(CTerm_Cnt_T_lgc == TRUE))==>False,
if((FALSE == CTerm_Cnt_T_lgc) ||
      (SystemState_Cnt_T_enum != RTE_MODE_StaMd_Mode_OPERATE))==>True,
switch (RampStatus_Cnt_M_u08)
default:

TS1.2 Longest Execution Path:
if(CTerm_Cnt_M_lgc == FALSE)==>False,
if(EngOn_Cnt_T_lgc == FALSE)==>True,
if((VehSpdValid_Cnt_T_lgc == TRUE) &&
(VehSpd_Kph_T_f32 <= k_VehSpdThresh_Kph_f32))==>False,
if((VehSpdValid_Cnt_T_lgc == FALSE) &&
(EPSEn_Cnt_T_lgc == FALSE))==>True,
if((ElapsedTime_mS_T_u16 >= k_CTermVehSpdInvalidTimeout_mS_u16) ||
(MEC_Cnt_T_enum == ManufacturingMode))==>False,
if(EngONSrlComSvcDft_Cnt_T_lgc == TRUE)==>False,
if(ATerm_Cnt_M_lgc == FALSE)==>False,
if((EPSEn_Cnt_T_lgc == FALSE) &&
((VehSpdValid_Cnt_T_lgc == FALSE) ||
 (VehSpd_Kph_T_f32 <= k_VehSpdThresh_Kph_f32)) &&
(EngOn_Cnt_T_lgc == FALSE) &&
(CTerm_Cnt_T_lgc == FALSE) &&
(RampDwnStatusComplete_Cnt_T_lgc == TRUE))==>False,
if((FALSE == CTerm_Cnt_T_lgc) ||
      (SystemState_Cnt_T_enum != RTE_MODE_StaMd_Mode_OPERATE))==>False,
else if ((STTdSelected_Cnt_T_lgc == FALSE) ||
      (RampStatus_Cnt_M_u08 == D_RAMPDOWN_CNT_U08))==>False,
else if (RampStatus_Cnt_M_u08 == D_RAMPUP_CNT_U08)==>False,
if((DmdDelestDaVld_Cnt_T_lgc == TRUE) && (DmdDelestDASts_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Power_Cut_Request) &&
      (VehSpdValid_Cnt_T_lgc == TRUE) && (VehSpd_Kph_T_f32 < k_STTdEntryThresh_Kph_f32))==>False,
else if(((DmdDelestDaVld_Cnt_T_lgc == TRUE) && (DmdDelestDASts_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Not_Requested))||
      ((DmdDelestDaVld_Cnt_T_lgc == FALSE) && (EtatMT_Cnt_T_u08 == (uint8)kETAT_MT_Engine_Running) && (EngOn_Cnt_T_lgc ==
TRUE)) ||
      ((VehSpdValid_Cnt_T_lgc == TRUE) && (VehSpd_Kph_T_f32 > k_STTdExitThresh_Kph_f32)))==>False,
switch (RampStatus_Cnt_M_u08)
case D_RAMPDOWN_STTD_CNT_U08:

Test Step 1.1 (Repeat Count = 1)   ✔

Name	Input Value
ATermTimer_mS_M_u32	0
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	0
CTermIgnOnTimer_mS_M_u32	0
CTermVehSpdInvalidTimer_mS_M_u32	0
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0
k_ATermTimeout_mS_u16	0
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	0
k_RampDnRt_UlspmS_f32	9.99999975e-005
k_RampUpRtLoSpd_UlspmS_f32	9.99999975e-005
k_STTdEntryThresh_Kph_f32	0
k_STTdExitThresh_Kph_f32	0
k_STTdRampDownRate_UlspmS_f32	9.99999975e-005
k_STTdRampUpRate_UlspmS_f32	9.99999975e-005

Name	Input Value
k_VehSpdThresh_Kph_f32	0
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	0
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	0
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	0
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	0	0	✔
ATerm_Cnt_M_lgc	0	0	✔
CTermIgnOffTimer_mS_M_u32	0	0	✔
CTermIgnOnTimer_mS_M_u32	0	0	✔
CTermVehSpdInvalidTimer_mS_M_u32	0	0	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode		1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET		1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32		1	✔

Test Step 1.2 (Repeat Count = 1)	✔
Name	**Input Value**
ATermTimer_mS_M_u32	4174936114
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	3534483654
CTermIgnOnTimer_mS_M_u32	120207153
CTermVehSpdInvalidTimer_mS_M_u32	2448390276
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	6481
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10

Name	Input Value
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	4277
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	534787401
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	15
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.897599995
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	31.5554008
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	534787401	534787401	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	534787401	534787401	✔
CTermIgnOnTimer_mS_M_u32	534787401	534787401	✔
CTermVehSpdInvalidTimer_mS_M_u32	2448390276	2448390276	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	2	2	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Case 2: Range Test   ✔

Specification   Performance Metrics:

(With "None" Instrumentation and
"WithPS" Environment)

CPU Cycles:

```
TS2.1 1732.00 Cycles
TS2.2 1713.00 Cycles
TS2.3 1791.00 Cycles
TS2.4 1733.00 Cycles
TS2.5 1729.00 Cycles
TS2.6 1695.00 Cycles
TS2.7 1662.00 Cycles
TS2.8 1682.00 Cycles
TS2.9 1723.00 Cycles
TS2.10 1682.00 Cycles
TS2.11 1662.00 Cycles
TS2.12 1718.00 Cycles
TS2.13 1682.00 Cycles
TS2.14 2242.00 Cycles
TS2.15 1748.00 Cycles
TS2.16 1764.00 Cycles
TS2.17 1716.00 Cycles
TS2.18 1741.00 Cycles
TS2.19 1713.00 Cycles
TS2.20 1718.00 Cycles
TS2.21 1718.00 Cycles
TS2.22 1698.00 Cycles
TS2.23 1666.00 Cycles
TS2.24 1705.00 Cycles
TS2.25 1735.00 Cycles
TS2.26 1705.00 Cycles
TS2.27 1701.00 Cycles
TS2.28 1735.00 Cycles
TS2.29 1666.00 Cycles
TS2.30 1666.00 Cycles
TS2.31 1701.00 Cycles
TS2.32 1666.00 Cycles
TS2.33 1666.00 Cycles
TS2.34 2242.00 Cycles
TS2.35 1716.00 Cycles
TS2.36 1714.00 Cycles
TS2.37 1741.00 Cycles
TS2.38 1666.00 Cycles
TS2.39 2260.00 Cycles
TS2.40 1712.00 Cycles
TS2.41 1734.00 Cycles
```

Description   Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3DmdDelestDASts_Cnt_u08==>Min
TS2.4DmdDelestDASts_Cnt_u08==>Max
TS2.5DmdDelestDaVld_Cnt_lgc==>Min
TS2.6DmdDelestDaVld_Cnt_lgc==>Max
TS2.7EngONSrlComSvcDft_Cnt_lgc==>Min
TS2.8EngONSrlComSvcDft_Cnt_lgc==>Max
TS2.9EngOn_Cnt_lgc==>Min
TS2.10EngOn_Cnt_lgc==>Max
TS2.11EtatMT_Cnt_u08==>Min
TS2.12EtatMT_Cnt_u08==>Max
TS2.13EtatMT_Cnt_u08==>Pos
TS2.14MEC_Cnt_enum==>ProductionMode
TS2.15MEC_Cnt_enum==>ManufacturingMode
TS2.16MEC_Cnt_enum==>EngineeringMode
TS2.17OutputRampMult_Uls_f32==>Min
TS2.18OutputRampMult_Uls_f32==>Max
TS2.19OutputRampMult_Uls_f32==>Pos
TS2.20RampDwnStatusComplete_Cnt_lgc==>Min
TS2.21RampDwnStatusComplete_Cnt_lgc==>Max
TS2.22STTdSelected_Cnt_lgc==>Min
TS2.23STTdSelected_Cnt_lgc==>Max
TS2.24SrlComVehSpd_Kph_f32==>Min
TS2.25SrlComVehSpd_Kph_f32==>Max
TS2.26SrlComVehSpd_Kph_f32==>Pos
TS2.27VehSpdValid_Cnt_lgc==>Min
TS2.28VehSpdValid_Cnt_lgc==>Max
TS2.29Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_DISABLE
TS2.30Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_OFF
TS2.31Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_OPERATE
TS2.32Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_WARMINIT
TS2.33Rte_Mode_SystemState_Mode==>RTE_TRANSITION_StaMd_Mode
TS2.34Rte_Call_EpsEn_OP_GET==>Min
TS2.35Rte_Call_EpsEn_OP_GET==>Max
TS2.36Rte_Call_SystemTime_GetSystemTime_mS_u32==>Min
TS2.37Rte_Call_SystemTime_GetSystemTime_mS_u32==>Max
TS2.38Rte_Call_SystemTime_GetSystemTime_mS_u32==>Pos
TS2.39Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Min
TS2.40Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Max
TS2.41Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Pos

Test Step 2.1 (Repeat Count = 1)   ✔

Name	Input Value
ATermTimer_mS_M_u32	0
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	0

Name	Input Value
CTermIgnOnTimer_mS_M_u32	0
CTermVehSpdInvalidTimer_mS_M_u32	0
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0
k_ATermTimeout_mS_u16	0
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	0
k_RampDnRt_UlspmS_f32	9.99999975e-005
k_RampUpRtLoSpd_UlspmS_f32	9.99999975e-005
k_STTdEntryThresh_Kph_f32	0
k_STTdExitThresh_Kph_f32	0
k_STTdRampDownRate_UlspmS_f32	9.99999975e-005
k_STTdRampUpRate_UlspmS_f32	9.99999975e-005
k_VehSpdThresh_Kph_f32	0
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	0
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	0
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	0
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	0	0	✔
ATerm_Cnt_M_lgc	0	0	✔
CTermIgnOffTimer_mS_M_u32	0	0	✔
CTermIgnOnTimer_mS_M_u32	0	0	✔
CTermVehSpdInvalidTimer_mS_M_u32	0	0	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode		1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET		1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32		1	✔

Test Step 2.2 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	4294967295
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	4294967295
CTermIgnOnTimer_mS_M_u32	4294967295
CTermVehSpdInvalidTimer_mS_M_u32	4294967295
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4
k_ATermTimeout_mS_u16	65535
k_CTermIgnOffTimeout_mS_u16	65535
k_CTermIgnOnTimeout_mS_u16	65535
k_CTermVehSpdInvalidTimeout_mS_u16	65535
k_RampDnRt_UlspmS_f32	0.00499999989
k_RampUpRtLoSpd_UlspmS_f32	0.00499999989
k_STTdEntryThresh_Kph_f32	255
k_STTdExitThresh_Kph_f32	255
k_STTdRampDownRate_UlspmS_f32	0.00499999989
k_STTdRampUpRate_UlspmS_f32	0.00499999989
k_VehSpdThresh_Kph_f32	255
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	65535
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	4294967295
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	15
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	512
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4294967295	4294967295	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	4294967295	4294967295	✔
CTermIgnOnTimer_mS_M_u32	4294967295	4294967295	✔
CTermVehSpdInvalidTimer_mS_M_u32	4294967295	4294967295	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.3 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	0
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	0
CTermIgnOnTimer_mS_M_u32	0
CTermVehSpdInvalidTimer_mS_M_u32	0
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	46893
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3642147164
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	2
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.432300001
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	16.7852993
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3642147164	3642147164	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3642147164	3642147164	✔
CTermIgnOnTimer_mS_M_u32	3642147164	3642147164	✔
CTermVehSpdInvalidTimer_mS_M_u32	3642147164	3642147164	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.4 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	*none*	
ATerm_Cnt_M_lgc	*none*	
CTermIgnOffTimer_mS_M_u32	*none*	
CTermIgnOnTimer_mS_M_u32	*none*	
CTermVehSpdInvalidTimer_mS_M_u32	*none*	
CTerm_Cnt_M_lgc	*none*	
RampStatus_Cnt_M_u08	*none*	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	45735	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	4008042172	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	5	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.781099975	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	272.995605	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0	

Name	**Actual Value**	**Expected Value**	**Result**
ATermTimer_mS_M_u32	4008042172	4008042172	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	4008042172	4008042172	✔
CTermIgnOnTimer_mS_M_u32	4008042172	4008042172	✔
CTermVehSpdInvalidTimer_mS_M_u32	4008042172	4008042172	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔

Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔	

Test Step 2.5 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	*none*	
ATerm_Cnt_M_lgc	*none*	
CTermIgnOffTimer_mS_M_u32	*none*	
CTermIgnOnTimer_mS_M_u32	*none*	
CTermVehSpdInvalidTimer_mS_M_u32	*none*	
CTerm_Cnt_M_lgc	*none*	
RampStatus_Cnt_M_u08	*none*	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	20946	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	3475598396	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	2	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.1708	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	476.113403	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	

Name	**Actual Value**	**Expected Value**	**Result**
ATermTimer_mS_M_u32	3475598396	3475598396	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3475598396	3475598396	✔
CTermIgnOnTimer_mS_M_u32	3475598396	3475598396	✔
CTermVehSpdInvalidTimer_mS_M_u32	3475598396	3475598396	✔
CTerm_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✓

Test Step Call Trace					✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.6 (Repeat Count = 1)	✓
Name	**Input Value**
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	33006
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3466324671
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	15
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.649900019
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	338.076904
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	**Actual Value**	**Expected Value**	**Result**
ATermTimer_mS_M_u32	3466324671	3466324671	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	3466324671	3466324671	✓

Name	Actual Value	Expected Value	Result
CTermIgnOnTimer_mS_M_u32	3466324671	3466324671	✔
CTermVehSpdInvalidTimer_mS_M_u32	3466324671	3466324671	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.7 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	13553
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	28568033
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	8
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.539300025
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	98.0616989
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	28568033	28568033	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	28568033	28568033	✔
CTermIgnOnTimer_mS_M_u32	28568033	28568033	✔
CTermVehSpdInvalidTimer_mS_M_u32	28568033	28568033	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.8 (Repeat Count = 1)	✔

Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	25397
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	292469311
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	13
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.813899994
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	137.275803
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	292469311	292469311	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	292469311	292469311	✔
CTermIgnOnTimer_mS_M_u32	292469311	292469311	✔
CTermVehSpdInvalidTimer_mS_M_u32	292469311	292469311	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.9 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	17806
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	4206883186
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	6
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	125.8424
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4206883186	4206883186	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	4206883186	4206883186	✔
CTermIgnOnTimer_mS_M_u32	4206883186	4206883186	✔
CTermVehSpdInvalidTimer_mS_M_u32	4206883186	4206883186	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	3	3	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔

Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔	

Test Step 2.10 (Repeat Count = 1)	✔
Name	**Input Value**
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	54002
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	3501350855
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	1
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.910600007
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	59.2088013
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3501350855	3501350855	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3501350855	3501350855	✔
CTermIgnOnTimer_mS_M_u32	3501350855	3501350855	✔
CTermVehSpdInvalidTimer_mS_M_u32	3501350855	3501350855	✔
CTerm_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode		1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET		1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32		1	✔

Test Step 2.11 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	*none*	
ATerm_Cnt_M_lgc	*none*	
CTermIgnOffTimer_mS_M_u32	*none*	
CTermIgnOnTimer_mS_M_u32	*none*	
CTermVehSpdInvalidTimer_mS_M_u32	*none*	
CTerm_Cnt_M_lgc	*none*	
RampStatus_Cnt_M_u08	*none*	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	58985	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTii	4094989438	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	0	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.828499973	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	32.7486	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4094989438	4094989438	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	4094989438	4094989438	✔

Name	Actual Value	Expected Value	Result
CTermIgnOnTimer_mS_M_u32	4094989438	4094989438	✔
CTermVehSpdInvalidTimer_mS_M_u32	4094989438	4094989438	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.12 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	56052
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3352629893
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	15
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.380499989
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	318.524597
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4094989438	4094989438	✔
ATerm_Cnt_M_lgc	0	0	✔
CTermIgnOffTimer_mS_M_u32	3352629893	3352629893	✔
CTermIgnOnTimer_mS_M_u32	3352629893	3352629893	✔
CTermVehSpdInvalidTimer_mS_M_u32	4094989438	4094989438	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 2.13 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	53571
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	1626611470
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.962199986
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	395.032501
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1626611470	1626611470	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	1626611470	1626611470	✔
CTermIgnOnTimer_mS_M_u32	1626611470	1626611470	✔
CTermVehSpdInvalidTimer_mS_M_u32	1626611470	1626611470	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔

Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.14 (Repeat Count = 1)	✔
Name	**Input Value**
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	32236
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	190677674
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	6
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.528199971
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	8.05480003
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	190677674	190677674	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	1626611470	1626611470	✔
CTermIgnOnTimer_mS_M_u32	190677674	190677674	✔
CTermVehSpdInvalidTimer_mS_M_u32	190677674	190677674	✔

Name	Actual Value	Expected Value	Result
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 2.15 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	*none*	
ATerm_Cnt_M_lgc	*none*	
CTermIgnOffTimer_mS_M_u32	*none*	
CTermIgnOnTimer_mS_M_u32	*none*	
CTermVehSpdInvalidTimer_mS_M_u32	*none*	
CTerm_Cnt_M_lgc	*none*	
RampStatus_Cnt_M_u08	*none*	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	7668	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	113691667	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	13	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.213300005	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	5.78539991	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	190677674	190677674	✔

Name	Actual Value	Expected Value	Result
ATerm_Cnt_M_lgc	0	0	✔
CTermIgnOffTimer_mS_M_u32	113691667	113691667	✔
CTermIgnOnTimer_mS_M_u32	113691667	113691667	✔
CTermVehSpdInvalidTimer_mS_M_u32	113691667	113691667	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 2.16 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	*none*	
ATerm_Cnt_M_lgc	*none*	
CTermIgnOffTimer_mS_M_u32	*none*	
CTermIgnOnTimer_mS_M_u32	*none*	
CTermVehSpdInvalidTimer_mS_M_u32	*none*	
CTerm_Cnt_M_lgc	*none*	
RampStatus_Cnt_M_u08	*none*	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	8371	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	1885700879	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	0	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.859700024	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1	

Name	Input Value		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	6.55870008		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1885700879	1885700879	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	1885700879	1885700879	✔
CTermIgnOnTimer_mS_M_u32	1885700879	1885700879	✔
CTermVehSpdInvalidTimer_mS_M_u32	1885700879	1885700879	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode		1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET		1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32		1	✔

Test Step 2.17 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	*none*	
ATerm_Cnt_M_lgc	*none*	
CTermIgnOffTimer_mS_M_u32	*none*	
CTermIgnOnTimer_mS_M_u32	*none*	
CTermVehSpdInvalidTimer_mS_M_u32	*none*	
CTerm_Cnt_M_lgc	*none*	
RampStatus_Cnt_M_u08	*none*	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	45532	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	3788028335	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	2	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0	

Name	Input Value
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	109.279297
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3788028335	3788028335	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3788028335	3788028335	✔
CTermIgnOnTimer_mS_M_u32	3788028335	3788028335	✔
CTermVehSpdInvalidTimer_mS_M_u32	3788028335	3788028335	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.18 (Repeat Count = 1)	✔
Name	**Input Value**
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	3899
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2081359866
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0

Name	Input Value		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	8		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	444.638397		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2081359866	2081359866	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2081359866	2081359866	✔
CTermIgnOnTimer_mS_M_u32	2081359866	2081359866	✔
CTermVehSpdInvalidTimer_mS_M_u32	2081359866	2081359866	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode		1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET		1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32		1	✔

Test Step 2.19 (Repeat Count = 1)			✔
Name	**Input Value**		
ATermTimer_mS_M_u32	*none*		
ATerm_Cnt_M_lgc	*none*		
CTermIgnOffTimer_mS_M_u32	*none*		
CTermIgnOnTimer_mS_M_u32	*none*		
CTermVehSpdInvalidTimer_mS_M_u32	*none*		
CTerm_Cnt_M_lgc	*none*		
RampStatus_Cnt_M_u08	*none*		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	52135		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2504668722		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		

Name	Input Value
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	10
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.595399976
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	281.686615
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2504668722	2504668722	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2504668722	2504668722	✔
CTermIgnOnTimer_mS_M_u32	2504668722	2504668722	✔
CTermVehSpdInvalidTimer_mS_M_u32	2504668722	2504668722	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.20 (Repeat Count = 1)	✔
Name	**Input Value**
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	11174
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	2813813482
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	10
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.111500002
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	383.769806
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2813813482	2813813482	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2813813482	2813813482	✔
CTermIgnOnTimer_mS_M_u32	2813813482	2813813482	✔
CTermVehSpdInvalidTimer_mS_M_u32	2504668722	2504668722	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 2.21 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	*none*	
ATerm_Cnt_M_lgc	*none*	
CTermIgnOffTimer_mS_M_u32	*none*	
CTermIgnOnTimer_mS_M_u32	*none*	
CTermVehSpdInvalidTimer_mS_M_u32	*none*	
CTerm_Cnt_M_lgc	*none*	
RampStatus_Cnt_M_u08	*none*	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	53926	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	813663954	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	

Name	Input Value
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	14
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.713500023
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	309.811493
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2813813482	2813813482	✔
ATerm_Cnt_M_lgc	0	0	✔
CTermIgnOffTimer_mS_M_u32	813663954	813663954	✔
CTermIgnOnTimer_mS_M_u32	813663954	813663954	✔
CTermVehSpdInvalidTimer_mS_M_u32	813663954	813663954	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode		1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET		1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32		1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16		1	✔

Test Step 2.22 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	*none*	
ATerm_Cnt_M_lgc	*none*	
CTermIgnOffTimer_mS_M_u32	*none*	
CTermIgnOnTimer_mS_M_u32	*none*	
CTermVehSpdInvalidTimer_mS_M_u32	*none*	
CTerm_Cnt_M_lgc	*none*	
RampStatus_Cnt_M_u08	*none*	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	49631	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	1120060580	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	

Name	Input Value
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.461800009
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	186.990799
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1120060580	1120060580	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	1120060580	1120060580	✔
CTermIgnOnTimer_mS_M_u32	1120060580	1120060580	✔
CTermVehSpdInvalidTimer_mS_M_u32	1120060580	1120060580	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔	

Test Step 2.23 (Repeat Count = 1)	✔
Name	**Input Value**
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	57816
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	1164882538
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	3
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.173199996
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	415.704498
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1164882538	1164882538	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	1164882538	1164882538	✔
CTermIgnOnTimer_mS_M_u32	1164882538	1164882538	✔
CTermVehSpdInvalidTimer_mS_M_u32	1164882538	1164882538	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.24 (Repeat Count = 1)	✔
Name	**Input Value**
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0

Name	Input Value
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	40671
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	964503997
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	1
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.894800007
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	0
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	964503997	964503997	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	964503997	964503997	✔
CTermIgnOnTimer_mS_M_u32	964503997	964503997	✔
CTermVehSpdInvalidTimer_mS_M_u32	1164882538	1164882538	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 2.25 (Repeat Count = 1)	✔
Name	**Input Value**
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10

Name	Input Value
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	50548
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	1247814644
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	2
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.291599989
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	512
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1247814644	1247814644	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	1247814644	1247814644	✔
CTermIgnOnTimer_mS_M_u32	1247814644	1247814644	✔
CTermVehSpdInvalidTimer_mS_M_u32	1247814644	1247814644	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.26 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	*none*	
ATerm_Cnt_M_lgc	*none*	
CTermIgnOffTimer_mS_M_u32	*none*	
CTermIgnOnTimer_mS_M_u32	*none*	
CTermVehSpdInvalidTimer_mS_M_u32	*none*	
CTerm_Cnt_M_lgc	*none*	
RampStatus_Cnt_M_u08	*none*	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	

Name	Input Value
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	28243
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2300046439
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.93779999
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	7.95419979
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2300046439	2300046439	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	2300046439	2300046439	✓
CTermIgnOnTimer_mS_M_u32	2300046439	2300046439	✓
CTermVehSpdInvalidTimer_mS_M_u32	1247814644	1247814644	✓
CTerm_Cnt_M_lgc	0	0	✓
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✓

Test Step Call Trace				✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.27 (Repeat Count = 1)		✓
Name	**Input Value**	
ATermTimer_mS_M_u32	*none*	
ATerm_Cnt_M_lgc	*none*	
CTermIgnOffTimer_mS_M_u32	*none*	
CTermIgnOnTimer_mS_M_u32	*none*	
CTermVehSpdInvalidTimer_mS_M_u32	*none*	
CTerm_Cnt_M_lgc	*none*	
RampStatus_Cnt_M_u08	*none*	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3	
k_ATermTimeout_mS_u16	4000	

Name	Input Value
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	4840
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	136781562
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	11
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.243900001
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	94.3776016
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	136781562	136781562	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	136781562	136781562	✔
CTermIgnOnTimer_mS_M_u32	136781562	136781562	✔
CTermVehSpdInvalidTimer_mS_M_u32	136781562	136781562	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.28 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime

Name	Input Value
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	48884
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	4203692120
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0967999995
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	16.7835007
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4203692120	4203692120	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	4203692120	4203692120	✔
CTermIgnOnTimer_mS_M_u32	4203692120	4203692120	✔
CTermVehSpdInvalidTimer_mS_M_u32	4203692120	4203692120	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.29 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*

Name	Input Value
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	31154
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	336996123
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	4
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.378199995
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	156.3349
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	336996123	336996123	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	336996123	336996123	✔
CTermIgnOnTimer_mS_M_u32	336996123	336996123	✔
CTermVehSpdInvalidTimer_mS_M_u32	336996123	336996123	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.30 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*

Name	Input Value
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	40627
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	1009078336
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	10
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.352600008
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	110.685501
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1009078336	1009078336	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	1009078336	1009078336	✓
CTermIgnOnTimer_mS_M_u32	1009078336	1009078336	✓
CTermVehSpdInvalidTimer_mS_M_u32	1009078336	1009078336	✓
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✓

Test Step Call Trace					✓
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode		1	✓
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET		1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32		1	✓

Test Step 2.31 (Repeat Count = 1)		✓
Name	**Input Value**	
ATermTimer_mS_M_u32	*none*	

Name	Input Value
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	57751
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	1763481923
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.131799996
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	484.173615
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1763481923	1763481923	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	1763481923	1763481923	✔
CTermIgnOnTimer_mS_M_u32	1763481923	1763481923	✔
CTermVehSpdInvalidTimer_mS_M_u32	1009078336	1009078336	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 2.32 (Repeat Count = 1)

Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	36973
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3946921298
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	3
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.899800003
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	453.736298
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3946921298	3946921298	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3946921298	3946921298	✔
CTermIgnOnTimer_mS_M_u32	3946921298	3946921298	✔
CTermVehSpdInvalidTimer_mS_M_u32	3946921298	3946921298	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.33 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	35240
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3554150033
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	13
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.238399997
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	363.23349
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3554150033	3554150033	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3554150033	3554150033	✔
CTermIgnOnTimer_mS_M_u32	3554150033	3554150033	✔
CTermVehSpdInvalidTimer_mS_M_u32	3554150033	3554150033	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.34 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	41117
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2663097164
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.26030001
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	2.65939999
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2663097164	2663097164	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3554150033	3554150033	✔
CTermIgnOnTimer_mS_M_u32	2663097164	2663097164	✔
CTermVehSpdInvalidTimer_mS_M_u32	2663097164	2663097164	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔

Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	

Test Step 2.35 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	*none*	
ATerm_Cnt_M_lgc	*none*	
CTermIgnOffTimer_mS_M_u32	*none*	
CTermIgnOnTimer_mS_M_u32	*none*	
CTermVehSpdInvalidTimer_mS_M_u32	*none*	
CTerm_Cnt_M_lgc	*none*	
RampStatus_Cnt_M_u08	*none*	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	57054	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	1770615295	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	4	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.601899981	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	5.98719978	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	
Name	**Actual Value**	**Expected Value**	**Result**
ATermTimer_mS_M_u32	1770615295	1770615295	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	1770615295	1770615295	✔
CTermIgnOnTimer_mS_M_u32	1770615295	1770615295	✔
CTermVehSpdInvalidTimer_mS_M_u32	1770615295	1770615295	✔

Name	Actual Value	Expected Value	Result
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.36 (Repeat Count = 1)	✔

Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	8533
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	0
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	5
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.741699994
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	394.101196
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	0	0	✔
ATerm_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
CTermIgnOffTimer_mS_M_u32	0	0	✔
CTermIgnOnTimer_mS_M_u32	0	0	✔
CTermVehSpdInvalidTimer_mS_M_u32	0	0	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode		1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET		1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32		1	✔

Test Step 2.37 (Repeat Count = 1)

Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	1067
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	4294967295
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	12
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.520900011
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	72.6651001
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4294967295	4294967295	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	4294967295	4294967295	✔
CTermIgnOnTimer_mS_M_u32	4294967295	4294967295	✔
CTermVehSpdInvalidTimer_mS_M_u32	4294967295	4294967295	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.38 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	43864
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	4325632
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	4
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.944299996
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	382.431488
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4325632	4325632	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	4325632	4325632	✔
CTermIgnOnTimer_mS_M_u32	4325632	4325632	✔
CTermVehSpdInvalidTimer_mS_M_u32	4325632	4325632	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.39 (Repeat Count = 1)			✔
Name	**Input Value**		
ATermTimer_mS_M_u32	*none*		
ATerm_Cnt_M_lgc	*none*		
CTermIgnOffTimer_mS_M_u32	*none*		
CTermIgnOnTimer_mS_M_u32	*none*		
CTermVehSpdInvalidTimer_mS_M_u32	*none*		
CTerm_Cnt_M_lgc	*none*		
RampStatus_Cnt_M_u08	*none*		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	2343166480		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	9		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.272799999		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	1.58720005		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	**Actual Value**	**Expected Value**	**Result**
ATermTimer_mS_M_u32	4325632	4325632	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	4325632	4325632	✔
CTermIgnOnTimer_mS_M_u32	2343166480	2343166480	✔
CTermVehSpdInvalidTimer_mS_M_u32	2343166480	2343166480	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	✔	

Test Step 2.40 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	*none*	
ATerm_Cnt_M_lgc	*none*	
CTermIgnOffTimer_mS_M_u32	*none*	
CTermIgnOnTimer_mS_M_u32	*none*	
CTermVehSpdInvalidTimer_mS_M_u32	*none*	
CTerm_Cnt_M_lgc	*none*	
RampStatus_Cnt_M_u08	*none*	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	65535	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2522404984	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	12	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.562900007	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	0.658399999	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2522404984	2522404984	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2522404984	2522404984	✔
CTermIgnOnTimer_mS_M_u32	2522404984	2522404984	✔
CTermVehSpdInvalidTimer_mS_M_u32	2522404984	2522404984	✔

Name	Actual Value	Expected Value	Result
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function		**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode		1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET		1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32		1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.41 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	*none*	
ATerm_Cnt_M_lgc	*none*	
CTermIgnOffTimer_mS_M_u32	*none*	
CTermIgnOnTimer_mS_M_u32	*none*	
CTermVehSpdInvalidTimer_mS_M_u32	*none*	
CTerm_Cnt_M_lgc	*none*	
RampStatus_Cnt_M_u08	*none*	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	35874	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	139181235	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	6	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.248099998	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	7.9854002	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	
Name	**Actual Value**	**Expected Value**	**Result**
ATermTimer_mS_M_u32	139181235	139181235	✔
ATerm_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
CTermIgnOffTimer_mS_M_u32	139181235	139181235	✔
CTermIgnOnTimer_mS_M_u32	139181235	139181235	✔
CTermVehSpdInvalidTimer_mS_M_u32	139181235	139181235	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Case 3: PIM Range Test   ✔

Specification

```
Performance Metrics:

(With "None" Instrumentation and
"WithPS" Environment)

CPU Cycles:

TS3.1 1700.00 Cycles
TS3.2 1714.00 Cycles
TS3.3 1700.00 Cycles
TS3.4 1710.00 Cycles
TS3.5 1734.00 Cycles
TS3.6 2210.00 Cycles
TS3.7 1716.00 Cycles
TS3.8 1775.00 Cycles
TS3.9 1692.00 Cycles
TS3.10 1719.00 Cycles
TS3.11 1712.00 Cycles
TS3.12 1767.00 Cycles
TS3.13 1752.00 Cycles
TS3.14 1752.00 Cycles
TS3.15 1759.00 Cycles
TS3.16 1696.00 Cycles
TS3.17 1719.00 Cycles
TS3.18 1743.00 Cycles
TS3.19 1719.00 Cycles
```

Description

```
Vector Description:

TS3.1ATermTimer_mS_M_u32==>Min
TS3.2ATermTimer_mS_M_u32==>Max
TS3.3ATermTimer_mS_M_u32==>Pos
TS3.4ATerm_Cnt_M_lgc==>Min
TS3.5ATerm_Cnt_M_lgc==>Max
TS3.6CTermIgnOffTimer_mS_M_u32==>Min
TS3.7CTermIgnOffTimer_mS_M_u32==>Max
TS3.8CTermIgnOffTimer_mS_M_u32==>Pos
TS3.9CTermIgnOnTimer_mS_M_u32==>Min
TS3.10CTermIgnOnTimer_mS_M_u32==>Max
TS3.11CTermIgnOnTimer_mS_M_u32==>Pos
TS3.12CTermVehSpdInvalidTimer_mS_M_u32==>Min
TS3.13CTermVehSpdInvalidTimer_mS_M_u32==>Max
TS3.14CTermVehSpdInvalidTimer_mS_M_u32==>Pos
TS3.15CTerm_Cnt_M_lgc==>Min
TS3.16CTerm_Cnt_M_lgc==>Max
TS3.17RampStatus_Cnt_M_u08==>Min
TS3.18RampStatus_Cnt_M_u08==>Max
TS3.19RampStatus_Cnt_M_u08==>Pos
```

Test Step 3.1 (Repeat Count = 1)   ✔

Name	Input Value
ATermTimer_mS_M_u32	0
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	43740934
CTermIgnOnTimer_mS_M_u32	555836781
CTermVehSpdInvalidTimer_mS_M_u32	3950250523
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0

Name	Input Value
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	323323239
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	12
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.256700009
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	124.029503
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	323323239	323323239	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	323323239	323323239	✔
CTermIgnOnTimer_mS_M_u32	323323239	323323239	✔
CTermVehSpdInvalidTimer_mS_M_u32	323323239	323323239	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	2	2	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 3.2 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	4294967295	
ATerm_Cnt_M_lgc	1	
CTermIgnOffTimer_mS_M_u32	3879520942	
CTermIgnOnTimer_mS_M_u32	2143765918	
CTermVehSpdInvalidTimer_mS_M_u32	3893493533	
CTerm_Cnt_M_lgc	0	
RampStatus_Cnt_M_u08	2	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	

Name	Input Value
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	65535
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTin	2837703980
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	0
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.112999998
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	37.5619011
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4294967295	4294967295	✓
ATerm_Cnt_M_lgc	0	0	✓
CTermIgnOffTimer_mS_M_u32	2837703980	2837703980	✓
CTermIgnOnTimer_mS_M_u32	2837703980	2837703980	✓
CTermVehSpdInvalidTimer_mS_M_u32	2837703980	2837703980	✓
CTerm_Cnt_M_lgc	0	0	✓
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.3 (Repeat Count = 1) ✓

Name	Input Value
ATermTimer_mS_M_u32	259855465
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	1300866902
CTermIgnOnTimer_mS_M_u32	968956564
CTermVehSpdInvalidTimer_mS_M_u32	4182160996
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2

Name	Input Value
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	2359
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	1195407159
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	3
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.658100009
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	87.3906021
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1195407159	1195407159	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	1195407159	1195407159	✔
CTermIgnOnTimer_mS_M_u32	1195407159	1195407159	✔
CTermVehSpdInvalidTimer_mS_M_u32	1195407159	1195407159	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	2	2	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 3.4 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	2641520828
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	2254785243
CTermIgnOnTimer_mS_M_u32	2908122258

Name	Input Value
CTermVehSpdInvalidTimer_mS_M_u32	4141369014
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	64323
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	374540228
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.703700006
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	314.364807
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	374540228	374540228	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	374540228	374540228	✓
CTermIgnOnTimer_mS_M_u32	374540228	374540228	✓
CTermVehSpdInvalidTimer_mS_M_u32	374540228	374540228	✓
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 3.5 (Repeat Count = 1) ✓

Name	Input Value
ATermTimer_mS_M_u32	3299889764

Name	Input Value
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	2455001840
CTermIgnOnTimer_mS_M_u32	2825269926
CTermVehSpdInvalidTimer_mS_M_u32	3908995911
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	64786
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	2528898563
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	15
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.393099993
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	3.1184001
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2528898563	2528898563	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2528898563	2528898563	✔
CTermIgnOnTimer_mS_M_u32	2528898563	2528898563	✔
CTermVehSpdInvalidTimer_mS_M_u32	2528898563	2528898563	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode		1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET		1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32		1	✔

Test Step 3.6 (Repeat Count = 1)   ✔

Name	Input Value
ATermTimer_mS_M_u32	2909229506
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	0
CTermIgnOnTimer_mS_M_u32	702446271
CTermVehSpdInvalidTimer_mS_M_u32	1752297084
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	55800
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTin	667618818
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	8
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.447899997
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	5.02670002
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	667618818	667618818	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	0	0	✔
CTermIgnOnTimer_mS_M_u32	667618818	667618818	✔
CTermVehSpdInvalidTimer_mS_M_u32	667618818	667618818	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 3.7 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	3937102139
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	4294967295
CTermIgnOnTimer_mS_M_u32	1022049634
CTermVehSpdInvalidTimer_mS_M_u32	202839327
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UIspmS_f32	0.001667
k_RampUpRtLoSpd_UIspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UIspmS_f32	0.001667
k_STTdRampUpRate_UIspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	1667
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	3918626904
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_UIs_f32	target_VehPwrMd_Per1_OperRampValue_UIs_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_UIs_f32	target_VehPwrMd_Per1_OutputRampMult_UIs_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	2
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_UIs_f32.value	0.377999991
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	8.47270012
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3918626904	3918626904	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3918626904	3918626904	✔
CTermIgnOnTimer_mS_M_u32	3918626904	3918626904	✔
CTermVehSpdInvalidTimer_mS_M_u32	3918626904	3918626904	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔

Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 3.8 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	1865898064
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	150458478
CTermIgnOnTimer_mS_M_u32	1944139875
CTermVehSpdInvalidTimer_mS_M_u32	2462275598
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	62664
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	1715691368
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	11
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0401000008
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	4.82289982
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1715691368	1715691368	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	1715691368	1715691368	✔
CTermIgnOnTimer_mS_M_u32	1715691368	1715691368	✔
CTermVehSpdInvalidTimer_mS_M_u32	1715691368	1715691368	✔

Name	Actual Value	Expected Value	Result
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 3.9 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	1804487558	
ATerm_Cnt_M_lgc	0	
CTermIgnOffTimer_mS_M_u32	2123589508	
CTermIgnOnTimer_mS_M_u32	0	
CTermVehSpdInvalidTimer_mS_M_u32	2526932424	
CTerm_Cnt_M_lgc	1	
RampStatus_Cnt_M_u08	1	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	34181	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	639056542	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	9	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.980099976	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	265.365509	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0	

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	639056542	639056542	✔
ATerm_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
CTermIgnOffTimer_mS_M_u32	639056542	639056542	✔
CTermIgnOnTimer_mS_M_u32	639056542	639056542	✔
CTermVehSpdInvalidTimer_mS_M_u32	639056542	639056542	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace			✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 3.10 (Repeat Count = 1)   ✔

Name	Input Value
ATermTimer_mS_M_u32	2115464945
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	3677342429
CTermIgnOnTimer_mS_M_u32	4294967295
CTermVehSpdInvalidTimer_mS_M_u32	2504749452
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	15354
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	2564191820
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	8
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.1329
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	94.3551025
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2564191820	2564191820	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2564191820	2564191820	✔
CTermIgnOnTimer_mS_M_u32	2564191820	2564191820	✔
CTermVehSpdInvalidTimer_mS_M_u32	2564191820	2564191820	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	3	3	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 3.11 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	3143374571
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	2902546499
CTermIgnOnTimer_mS_M_u32	50214856
CTermVehSpdInvalidTimer_mS_M_u32	3873418463
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	56396
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	2246335998
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	5
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.390799999
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	180.691299
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2246335998	2246335998	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2246335998	2246335998	✔
CTermIgnOnTimer_mS_M_u32	2246335998	2246335998	✔
CTermVehSpdInvalidTimer_mS_M_u32	2246335998	2246335998	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 3.12 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	3242192146	
ATerm_Cnt_M_lgc	0	
CTermIgnOffTimer_mS_M_u32	2793177691	
CTermIgnOnTimer_mS_M_u32	3238741865	
CTermVehSpdInvalidTimer_mS_M_u32	0	
CTerm_Cnt_M_lgc	1	
RampStatus_Cnt_M_u08	0	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	15040	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	548543710	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.772899985	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	452.440186	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0	

Name	**Actual Value**	**Expected Value**	**Result**
ATermTimer_mS_M_u32	548543710	548543710	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	548543710	548543710	✔
CTermIgnOnTimer_mS_M_u32	548543710	548543710	✔
CTermVehSpdInvalidTimer_mS_M_u32	0	0	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔

Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✓

Test Step Call Trace					✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.13 (Repeat Count = 1)		✓
Name	**Input Value**	
ATermTimer_mS_M_u32	4003381450	
ATerm_Cnt_M_lgc	1	
CTermIgnOffTimer_mS_M_u32	2631778155	
CTermIgnOnTimer_mS_M_u32	1166061166	
CTermVehSpdInvalidTimer_mS_M_u32	4294967295	
CTerm_Cnt_M_lgc	1	
RampStatus_Cnt_M_u08	2	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	24	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2911072950	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	1	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.250499994	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	405.841003	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0	
Name	**Actual Value**	**Expected Value**	**Result**
ATermTimer_mS_M_u32	4003381450	4003381450	✓
ATerm_Cnt_M_lgc	0	0	✓
CTermIgnOffTimer_mS_M_u32	2911072950	2911072950	✓
CTermIgnOnTimer_mS_M_u32	2911072950	2911072950	✓
CTermVehSpdInvalidTimer_mS_M_u32	4294967295	4294967295	✓

Name	Actual Value	Expected Value	Result
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 3.14 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	2759189766	
ATerm_Cnt_M_lgc	1	
CTermIgnOffTimer_mS_M_u32	3173491164	
CTermIgnOnTimer_mS_M_u32	1769229647	
CTermVehSpdInvalidTimer_mS_M_u32	875462117	
CTerm_Cnt_M_lgc	1	
RampStatus_Cnt_M_u08	2	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	50324	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	4078813183	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	15	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.952700019	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	148.285706	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0	

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2759189766	2759189766	✔

Name	Actual Value	Expected Value	Result
ATerm_Cnt_M_lgc	0	0	✔
CTermIgnOffTimer_mS_M_u32	4078813183	4078813183	✔
CTermIgnOnTimer_mS_M_u32	4078813183	4078813183	✔
CTermVehSpdInvalidTimer_mS_M_u32	875462117	875462117	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 3.15 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	3779209849	
ATerm_Cnt_M_lgc	0	
CTermIgnOffTimer_mS_M_u32	2897129192	
CTermIgnOnTimer_mS_M_u32	430379121	
CTermVehSpdInvalidTimer_mS_M_u32	2913191319	
CTerm_Cnt_M_lgc	0	
RampStatus_Cnt_M_u08	1	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	2389	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	3766846794	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	12	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.818300009	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0	

Name	Input Value
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	490.978088
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3766846794	3766846794	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3766846794	3766846794	✔
CTermIgnOnTimer_mS_M_u32	3766846794	3766846794	✔
CTermVehSpdInvalidTimer_mS_M_u32	3766846794	3766846794	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode		1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET		1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32		1	✔

Test Step 3.16 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	255002059	
ATerm_Cnt_M_lgc	1	
CTermIgnOffTimer_mS_M_u32	3321350830	
CTermIgnOnTimer_mS_M_u32	3801268390	
CTermVehSpdInvalidTimer_mS_M_u32	1037059709	
CTerm_Cnt_M_lgc	1	
RampStatus_Cnt_M_u08	2	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	57180	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	1616404549	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	13	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1	

Name	Input Value
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.155100003
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	101.9674
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1616404549	1616404549	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	1616404549	1616404549	✔
CTermIgnOnTimer_mS_M_u32	1616404549	1616404549	✔
CTermVehSpdInvalidTimer_mS_M_u32	1616404549	1616404549	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 3.17 (Repeat Count = 1)	✔
Name	**Input Value**
ATermTimer_mS_M_u32	462103983
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	2296319589
CTermIgnOnTimer_mS_M_u32	712310199
CTermVehSpdInvalidTimer_mS_M_u32	3439475234
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	12041
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	1421955979
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1

Name	Input Value		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	1		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.807600021		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	28.9032001		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1421955979	1421955979	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	1421955979	1421955979	✔
CTermIgnOnTimer_mS_M_u32	1421955979	1421955979	✔
CTermVehSpdInvalidTimer_mS_M_u32	1421955979	1421955979	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function		**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode		1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET		1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32		1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 3.18 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	3716336205	
ATerm_Cnt_M_lgc	0	
CTermIgnOffTimer_mS_M_u32	2924586920	
CTermIgnOnTimer_mS_M_u32	2727646533	
CTermVehSpdInvalidTimer_mS_M_u32	1302895270	
CTerm_Cnt_M_lgc	1	
RampStatus_Cnt_M_u08	2	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	29392	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3457338444	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	

Name	Input Value
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	2
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0215000007
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	203.540894
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3457338444	3457338444	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3457338444	3457338444	✔
CTermIgnOnTimer_mS_M_u32	3457338444	3457338444	✔
CTermVehSpdInvalidTimer_mS_M_u32	3457338444	3457338444	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	3	3	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 3.19 (Repeat Count = 1)	✔
Name	**Input Value**
ATermTimer_mS_M_u32	1588732191
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	744030112
CTermIgnOnTimer_mS_M_u32	3282355568
CTermVehSpdInvalidTimer_mS_M_u32	227608366
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	11102
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3241879372
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc

Name	Input Value
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	12
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.657800019
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	7.0072999
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3241879372	3241879372	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3241879372	3241879372	✔
CTermIgnOnTimer_mS_M_u32	3241879372	3241879372	✔
CTermVehSpdInvalidTimer_mS_M_u32	3241879372	3241879372	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Case 4: PRM Range Test ✔

Specification	Performance Metrics:

```
(With "None" Instrumentation and
"WithPS" Environment)

CPU Cycles:

TS4.1 1733.00 Cycles
TS4.2 1733.00 Cycles
TS4.3 1722.00 Cycles
TS4.4 1722.00 Cycles
TS4.5 2336.00 Cycles
TS4.6 2239.00 Cycles
TS4.7 2313.00 Cycles
TS4.8 2208.00 Cycles
TS4.9 2228.00 Cycles
TS4.10 2235.00 Cycles
TS4.11 1808.00 Cycles
TS4.12 1779.00 Cycles
TS4.13 1751.00 Cycles
TS4.14 1751.00 Cycles
TS4.15 1749.00 Cycles
TS4.16 1692.00 Cycles
TS4.17 1803.00 Cycles
TS4.18 1773.00 Cycles
TS4.19 1693.00 Cycles
TS4.20 1735.00 Cycles
TS4.21 1728.00 Cycles
TS4.22 1760.00 Cycles
TS4.23 1751.00 Cycles
TS4.24 1789.00 Cycles
TS4.25 1745.00 Cycles
TS4.26 1775.00 Cycles
TS4.27 1780.00 Cycles
TS4.28 1775.00 Cycles
TS4.29 1832.00 Cycles
TS4.30 1720.00 Cycles
TS4.31 1782.00 Cycles
TS4.32 1749.00 Cycles
TS4.33 1735.00 Cycles
TS4.34 1745.00 Cycles
TS4.35 1719.00 Cycles
TS4.36 1719.00 Cycles
TS4.37 1775.00 Cycles
TS4.38 1760.00 Cycles
TS4.39 1751.00 Cycles
TS4.40 1828.00 Cycles
TS4.41 1753.00 Cycles
TS4.42 1740.00 Cycles
```

Description	Vector Description:

TS4.1k_ATermTimeout_mS_u16==>Min
TS4.2k_ATermTimeout_mS_u16==>Max
TS4.3k_ATermTimeout_mS_u16==>Pos
TS4.4k_ATermTimeout_mS_u16==> Default
TS4.5k_CTermIgnOffTimeout_mS_u16==>Min/Default
TS4.6k_CTermIgnOffTimeout_mS_u16==>Max
TS4.7k_CTermIgnOffTimeout_mS_u16==>Pos
TS4.8k_CTermIgnOnTimeout_mS_u16==>Min/Default
TS4.9k_CTermIgnOnTimeout_mS_u16==>Max
TS4.10k_CTermIgnOnTimeout_mS_u16==>Pos
TS4.11k_CTermVehSpdInvalidTimeout_mS_u16==>Min
TS4.12k_CTermVehSpdInvalidTimeout_mS_u16==>Max
TS4.13k_CTermVehSpdInvalidTimeout_mS_u16==>Pos
TS4.14k_CTermVehSpdInvalidTimeout_mS_u16==>Default
TS4.15k_RampDnRt_UlspmS_f32==>Min
TS4.16k_RampDnRt_UlspmS_f32==>Max
TS4.17k_RampDnRt_UlspmS_f32==>Pos
TS4.18k_RampDnRt_UlspmS_f32==>Default
TS4.19k_RampUpRtLoSpd_UlspmS_f32==>Min
TS4.20k_RampUpRtLoSpd_UlspmS_f32==>Max
TS4.21k_RampUpRtLoSpd_UlspmS_f32==>Pos
TS4.22k_RampUpRtLoSpd_UlspmS_f32==>Default
TS4.23k_STTdEntryThresh_Kph_f32==>Min
TS4.24k_STTdEntryThresh_Kph_f32==>Max
TS4.25k_STTdEntryThresh_Kph_f32==>Pos
TS4.26k_STTdEntryThresh_Kph_f32==>Default
TS4.27k_STTdExitThresh_Kph_f32==>Min
TS4.28k_STTdExitThresh_Kph_f32==>Max
TS4.29k_STTdExitThresh_Kph_f32==>Pos
TS4.30k_STTdExitThresh_Kph_f32==>Default
TS4.31k_STTdRampDownRate_UlspmS_f32==>Min
TS4.32k_STTdRampDownRate_UlspmS_f32==>Max
TS4.33k_STTdRampDownRate_UlspmS_f32==>Pos
TS4.34k_STTdRampDownRate_UlspmS_f32==>Default
TS4.35k_STTdRampUpRate_UlspmS_f32==>Min
TS4.36k_STTdRampUpRate_UlspmS_f32==>Max
TS4.37k_STTdRampUpRate_UlspmS_f32==>Pos
TS4.38k_STTdRampUpRate_UlspmS_f32==>Default
TS4.39k_VehSpdThresh_Kph_f32==>Min
TS4.40k_VehSpdThresh_Kph_f32==>Max
TS4.41k_VehSpdThresh_Kph_f32==>Pos
TS4.42k_VehSpdThresh_Kph_f32==>Default

Test Step 4.1 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	3212980191
ATerm_Cnt_M_lgc	1

Name	Input Value
CTermIgnOffTimer_mS_M_u32	1879191886
CTermIgnOnTimer_mS_M_u32	3610158975
CTermVehSpdInvalidTimer_mS_M_u32	153227463
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	0
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	18340
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3834966969
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.497500002
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	460.885803
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3212980191	3212980191	✔
ATerm_Cnt_M_lgc	0	0	✔
CTermIgnOffTimer_mS_M_u32	3834966969	3834966969	✔
CTermIgnOnTimer_mS_M_u32	3834966969	3834966969	✔
CTermVehSpdInvalidTimer_mS_M_u32	3834966969	3834966969	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 4.2 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	4003132079
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	784794234
CTermIgnOnTimer_mS_M_u32	3582289045
CTermVehSpdInvalidTimer_mS_M_u32	137921432
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	65535
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	13099
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3812984849
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	11
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.464300007
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	103.1026
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4003132079	4003132079	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3812984849	3812984849	✔
CTermIgnOnTimer_mS_M_u32	3812984849	3812984849	✔
CTermVehSpdInvalidTimer_mS_M_u32	3812984849	3812984849	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 4.3 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	4184055726
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	4230852890
CTermIgnOnTimer_mS_M_u32	275269843
CTermVehSpdInvalidTimer_mS_M_u32	1601784885
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3
k_ATermTimeout_mS_u16	55843
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	23946
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3531436374
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	6
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.297699988
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	215.535995
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4184055726	4184055726	✔
ATerm_Cnt_M_lgc	0	0	✔
CTermIgnOffTimer_mS_M_u32	3531436374	3531436374	✔
CTermIgnOnTimer_mS_M_u32	3531436374	3531436374	✔
CTermVehSpdInvalidTimer_mS_M_u32	3531436374	3531436374	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✓

Test Step Call Trace					✓
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	

Test Step 4.4 (Repeat Count = 1)		✓
Name	**Input Value**	
ATermTimer_mS_M_u32	1127573394	
ATerm_Cnt_M_lgc	1	
CTermIgnOffTimer_mS_M_u32	427121141	
CTermIgnOnTimer_mS_M_u32	4088143833	
CTermVehSpdInvalidTimer_mS_M_u32	2610342510	
CTerm_Cnt_M_lgc	0	
RampStatus_Cnt_M_u08	0	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	50579	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3137176882	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	2	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.56370002	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	202.643295	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0	
Name	**Actual Value**	**Expected Value**	**Result**
ATermTimer_mS_M_u32	1127573394	1127573394	✓
ATerm_Cnt_M_lgc	0	0	✓
CTermIgnOffTimer_mS_M_u32	3137176882	3137176882	✓
CTermIgnOnTimer_mS_M_u32	3137176882	3137176882	✓

Name	Actual Value	Expected Value	Result
CTermVehSpdInvalidTimer_mS_M_u32	3137176882	3137176882	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔	

Test Step 4.5 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	3703661593
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	3866106431
CTermIgnOnTimer_mS_M_u32	2248880267
CTermVehSpdInvalidTimer_mS_M_u32	1600432398
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	49271
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3960288535
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	0
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.880999982
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	7.77190018
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3960288535	3960288535	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3866106431	3866106431	✔
CTermIgnOnTimer_mS_M_u32	3960288535	3960288535	✔
CTermVehSpdInvalidTimer_mS_M_u32	3960288535	3960288535	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 4.6 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	473637532	
ATerm_Cnt_M_lgc	0	
CTermIgnOffTimer_mS_M_u32	2455213395	
CTermIgnOnTimer_mS_M_u32	1420497855	
CTermVehSpdInvalidTimer_mS_M_u32	413949681	
CTerm_Cnt_M_lgc	1	
RampStatus_Cnt_M_u08	0	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	65535	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	14608	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2410326640	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	3	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.322699994	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	1.07980001	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2410326640	2410326640	✔
ATerm_Cnt_M_lgc	0	0	✔
CTermIgnOffTimer_mS_M_u32	2455213395	2455213395	✔
CTermIgnOnTimer_mS_M_u32	2410326640	2410326640	✔
CTermVehSpdInvalidTimer_mS_M_u32	2410326640	2410326640	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 4.7 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	514260839	
ATerm_Cnt_M_lgc	0	
CTermIgnOffTimer_mS_M_u32	3547879159	
CTermIgnOnTimer_mS_M_u32	1693812066	
CTermVehSpdInvalidTimer_mS_M_u32	1614412525	
CTerm_Cnt_M_lgc	1	
RampStatus_Cnt_M_u08	0	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	8745	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	2826	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3542053512	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	1	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.101300001	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	5.89769983	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3542053512	3542053512	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3547879159	3547879159	✔
CTermIgnOnTimer_mS_M_u32	3542053512	3542053512	✔

Name	Actual Value	Expected Value	Result
CTermVehSpdInvalidTimer_mS_M_u32	3542053512	3542053512	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 4.8 (Repeat Count = 1)

Name	Input Value
ATermTimer_mS_M_u32	1780788704
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	3550134503
CTermIgnOnTimer_mS_M_u32	2785106847
CTermVehSpdInvalidTimer_mS_M_u32	3406943830
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	44019
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	817430080
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.790000021
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	2.45490003
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	817430080	817430080	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	817430080	817430080	✔
CTermIgnOnTimer_mS_M_u32	2785106847	2785106847	✔
CTermVehSpdInvalidTimer_mS_M_u32	817430080	817430080	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 4.9 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	3833368897
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	1399736107
CTermIgnOnTimer_mS_M_u32	1460922647
CTermVehSpdInvalidTimer_mS_M_u32	1430733239
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	65535
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	56647
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	559574568
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	6
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.336600006
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	0.547900021
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	559574568	559574568	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	559574568	559574568	✔
CTermIgnOnTimer_mS_M_u32	1460922647	1460922647	✔
CTermVehSpdInvalidTimer_mS_M_u32	559574568	559574568	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔

Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 4.10 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	1361191900	
ATerm_Cnt_M_lgc	1	
CTermIgnOffTimer_mS_M_u32	4132377146	
CTermIgnOnTimer_mS_M_u32	2406480037	
CTermVehSpdInvalidTimer_mS_M_u32	2066349388	
CTerm_Cnt_M_lgc	1	
RampStatus_Cnt_M_u08	1	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	40745	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	23855	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	881630007	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	1	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.753899992	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	7.10270023	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	

Name	**Actual Value**	**Expected Value**	**Result**
ATermTimer_mS_M_u32	881630007	881630007	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	881630007	881630007	✔
CTermIgnOnTimer_mS_M_u32	2406480037	2406480037	✔

Name	Actual Value	Expected Value	Result
CTermVehSpdInvalidTimer_mS_M_u32	881630007	881630007	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 4.11 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	2012589294
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	2724808189
CTermIgnOnTimer_mS_M_u32	864249971
CTermVehSpdInvalidTimer_mS_M_u32	2406853421
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	0
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	3604
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	697343001
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	9
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.111299999
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	327.630493
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	697343001	697343001	✔
ATerm_Cnt_M_lgc	0	0	✔
CTermIgnOffTimer_mS_M_u32	697343001	697343001	✔
CTermIgnOnTimer_mS_M_u32	697343001	697343001	✔
CTermVehSpdInvalidTimer_mS_M_u32	2406853421	2406853421	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 4.12 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	1283943161
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	4218434929
CTermIgnOnTimer_mS_M_u32	4083699832
CTermVehSpdInvalidTimer_mS_M_u32	3996646220
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	65535
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	38116
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	346145285
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	6
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.775200009
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	171.953003
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	346145285	346145285	✔
ATerm_Cnt_M_lgc	0	0	✔
CTermIgnOffTimer_mS_M_u32	346145285	346145285	✔
CTermIgnOnTimer_mS_M_u32	346145285	346145285	✔
CTermVehSpdInvalidTimer_mS_M_u32	3996646220	3996646220	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✔

Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode		1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET		1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32		1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16		1	✔

Test Step 4.13 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	4174936114	
ATerm_Cnt_M_lgc	1	
CTermIgnOffTimer_mS_M_u32	3534483654	
CTermIgnOnTimer_mS_M_u32	120207153	
CTermVehSpdInvalidTimer_mS_M_u32	2448390276	
CTerm_Cnt_M_lgc	1	
RampStatus_Cnt_M_u08	2	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	6481	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	4277	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	534787401	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	15	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.897599995	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	31.5554008	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0	

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	534787401	534787401	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	534787401	534787401	✔
CTermIgnOnTimer_mS_M_u32	534787401	534787401	✔

Name	Actual Value	Expected Value	Result
CTermVehSpdInvalidTimer_mS_M_u32	2448390276	2448390276	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	2	2	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✔

Test Step 4.14 (Repeat Count = 1)	✔

Name	Input Value
ATermTimer_mS_M_u32	769589036
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	3311861641
CTermIgnOnTimer_mS_M_u32	3964402845
CTermVehSpdInvalidTimer_mS_M_u32	787821523
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	26417
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3583403222
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	12
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.400999993
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	264.653503
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	769589036	769589036	✔
ATerm_Cnt_M_lgc	0	0	✔
CTermIgnOffTimer_mS_M_u32	3583403222	3583403222	✔
CTermIgnOnTimer_mS_M_u32	3583403222	3583403222	✔
CTermVehSpdInvalidTimer_mS_M_u32	787821523	787821523	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	✔

Test Step 4.15 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	67805158
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	2702134998
CTermIgnOnTimer_mS_M_u32	1113030781
CTermVehSpdInvalidTimer_mS_M_u32	3168778531
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	9.99999975e-005
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	45647
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2404850619
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	10
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.631699979
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	495.274689
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2404850619	2404850619	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2404850619	2404850619	✔
CTermIgnOnTimer_mS_M_u32	2404850619	2404850619	✔
CTermVehSpdInvalidTimer_mS_M_u32	2404850619	2404850619	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔

Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.16 (Repeat Count = 1)	✔
Name	**Input Value**
ATermTimer_mS_M_u32	422925759
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	1481694540
CTermIgnOnTimer_mS_M_u32	3040880863
CTermVehSpdInvalidTimer_mS_M_u32	3835823822
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.00499999989
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	11691
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	1404584283
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	5
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.783399999
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	86.6305008
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1404584283	1404584283	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	1404584283	1404584283	✔
CTermIgnOnTimer_mS_M_u32	1404584283	1404584283	✔
CTermVehSpdInvalidTimer_mS_M_u32	1404584283	1404584283	✔

Name	Actual Value	Expected Value	Result
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.17 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	3214862453	
ATerm_Cnt_M_lgc	0	
CTermIgnOffTimer_mS_M_u32	3556977289	
CTermIgnOnTimer_mS_M_u32	2031192450	
CTermVehSpdInvalidTimer_mS_M_u32	1464793256	
CTerm_Cnt_M_lgc	0	
RampStatus_Cnt_M_u08	0	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.00254500005	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	53426	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	900584951	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	11	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.243399993	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	261.525391	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	
Name	**Actual Value**	**Expected Value**	**Result**
ATermTimer_mS_M_u32	900584951	900584951	✔
ATerm_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
CTermIgnOffTimer_mS_M_u32	900584951	900584951	✔
CTermIgnOnTimer_mS_M_u32	900584951	900584951	✔
CTermVehSpdInvalidTimer_mS_M_u32	900584951	900584951	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00254500005	0.00254500005 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.18 (Repeat Count = 1)

Name	Input Value
ATermTimer_mS_M_u32	752849969
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	4229455022
CTermIgnOnTimer_mS_M_u32	3057263
CTermVehSpdInvalidTimer_mS_M_u32	1105680330
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	18112
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	624842137
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	1
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.310900003
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	224.819794
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	624842137	624842137	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	624842137	624842137	✔
CTermIgnOnTimer_mS_M_u32	624842137	624842137	✔
CTermVehSpdInvalidTimer_mS_M_u32	624842137	624842137	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.19 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	3135367463
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	834104315
CTermIgnOnTimer_mS_M_u32	3507315103
CTermVehSpdInvalidTimer_mS_M_u32	2500295903
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	9.99999975e-005
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	31537
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3279288994
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	14
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.228
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	120.705498
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3279288994	3279288994	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3279288994	3279288994	✔
CTermIgnOnTimer_mS_M_u32	3279288994	3279288994	✔
CTermVehSpdInvalidTimer_mS_M_u32	3279288994	3279288994	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.20 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	2653127508
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	4233470751
CTermIgnOnTimer_mS_M_u32	3737809737
CTermVehSpdInvalidTimer_mS_M_u32	1720520380
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.00499999989
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	649
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3740647270
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	12
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.461400002
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	223.594193
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3740647270	3740647270	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3740647270	3740647270	✔
CTermIgnOnTimer_mS_M_u32	3740647270	3740647270	✔
CTermVehSpdInvalidTimer_mS_M_u32	3740647270	3740647270	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔

Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔	

Test Step 4.21 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	2039370109	
ATerm_Cnt_M_lgc	0	
CTermIgnOffTimer_mS_M_u32	2829629922	
CTermIgnOnTimer_mS_M_u32	1061557918	
CTermVehSpdInvalidTimer_mS_M_u32	1907373203	
CTerm_Cnt_M_lgc	1	
RampStatus_Cnt_M_u08	1	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.000923999993	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	54440	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3818331731	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	13	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.497000009	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	34.3386993	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	
Name	**Actual Value**	**Expected Value**	**Result**
ATermTimer_mS_M_u32	3818331731	3818331731	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3818331731	3818331731	✔
CTermIgnOnTimer_mS_M_u32	3818331731	3818331731	✔
CTermVehSpdInvalidTimer_mS_M_u32	3818331731	3818331731	✔
CTerm_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000923999993	0.000923999993 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔	

Test Step 4.22 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	2852196204	
ATerm_Cnt_M_lgc	0	
CTermIgnOffTimer_mS_M_u32	380902368	
CTermIgnOnTimer_mS_M_u32	248705319	
CTermVehSpdInvalidTimer_mS_M_u32	2077763426	
CTerm_Cnt_M_lgc	0	
RampStatus_Cnt_M_u08	1	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	31471	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	1736038178	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.868399978	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	29.8896999	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0	
Name	**Actual Value**	**Expected Value**	**Result**
ATermTimer_mS_M_u32	1736038178	1736038178	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	1736038178	1736038178	✔

Name	Actual Value	Expected Value	Result
CTermIgnOnTimer_mS_M_u32	1736038178	1736038178	✔
CTermVehSpdInvalidTimer_mS_M_u32	1736038178	1736038178	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.23 (Repeat Count = 1)

Name	Input Value
ATermTimer_mS_M_u32	368266222
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	3942233235
CTermIgnOnTimer_mS_M_u32	2717600495
CTermVehSpdInvalidTimer_mS_M_u32	1134929159
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	0
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	21990
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	2102982916
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	4
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.143000007
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	313.055695
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2102982916	2102982916	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2102982916	2102982916	✔
CTermIgnOnTimer_mS_M_u32	2102982916	2102982916	✔
CTermVehSpdInvalidTimer_mS_M_u32	2102982916	2102982916	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	3	3	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.24 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	2934257226
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	261444892
CTermIgnOnTimer_mS_M_u32	387525860
CTermVehSpdInvalidTimer_mS_M_u32	3521095803
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	255
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	63829
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	706598076
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	5
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.110799998
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	83.615799
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	706598076	706598076	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	706598076	706598076	✔
CTermIgnOnTimer_mS_M_u32	706598076	706598076	✔
CTermVehSpdInvalidTimer_mS_M_u32	706598076	706598076	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	2	2	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.25 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	2466431608
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	2028552709
CTermIgnOnTimer_mS_M_u32	2761957253
CTermVehSpdInvalidTimer_mS_M_u32	2351731196
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	127.650497
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	26941
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2878490359
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	13
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.253500015
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	215.812103
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2878490359	2878490359	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2878490359	2878490359	✔
CTermIgnOnTimer_mS_M_u32	2878490359	2878490359	✔
CTermVehSpdInvalidTimer_mS_M_u32	2878490359	2878490359	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	3	3	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔

Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔	

Test Step 4.26 (Repeat Count = 1)	✔

Name	Input Value
ATermTimer_mS_M_u32	2495065070
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	2193265331
CTermIgnOnTimer_mS_M_u32	599581028
CTermVehSpdInvalidTimer_mS_M_u32	3968258338
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	37753
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3144264485
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	3
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.274899989
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	8.58959961
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3144264485	3144264485	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3144264485	3144264485	✔
CTermIgnOnTimer_mS_M_u32	3144264485	3144264485	✔
CTermVehSpdInvalidTimer_mS_M_u32	3144264485	3144264485	✔
CTerm_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
RampStatus_Cnt_M_u08	2	2	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.27 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	3893476427	
ATerm_Cnt_M_lgc	0	
CTermIgnOffTimer_mS_M_u32	764207749	
CTermIgnOnTimer_mS_M_u32	577801643	
CTermVehSpdInvalidTimer_mS_M_u32	678025687	
CTerm_Cnt_M_lgc	1	
RampStatus_Cnt_M_u08	2	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	0	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	29611	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	475111353	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	13	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.946200013	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	168.579193	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	475111353	475111353	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	475111353	475111353	✔

Name	Actual Value	Expected Value	Result
CTermIgnOnTimer_mS_M_u32	475111353	475111353	✔
CTermVehSpdInvalidTimer_mS_M_u32	475111353	475111353	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	3	3	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.28 (Repeat Count = 1)

Name	Input Value
ATermTimer_mS_M_u32	3221011972
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	679556146
CTermIgnOnTimer_mS_M_u32	2568753719
CTermVehSpdInvalidTimer_mS_M_u32	3050618560
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	255
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	42683
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3680301220
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	3
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.978500009
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	172.168503
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3680301220	3680301220	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3680301220	3680301220	✔
CTermIgnOnTimer_mS_M_u32	3680301220	3680301220	✔
CTermVehSpdInvalidTimer_mS_M_u32	3680301220	3680301220	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	2	2	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.29 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	2533633848
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	2557660464
CTermIgnOnTimer_mS_M_u32	3430684822
CTermVehSpdInvalidTimer_mS_M_u32	1949043855
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	207.415695
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	28450
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3638245348
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	2
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.192699999
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	8.3810997
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3638245348	3638245348	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3638245348	3638245348	✔
CTermIgnOnTimer_mS_M_u32	3638245348	3638245348	✔
CTermVehSpdInvalidTimer_mS_M_u32	3638245348	3638245348	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	2	2	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.30 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	1929185168	
ATerm_Cnt_M_lgc	1	
CTermIgnOffTimer_mS_M_u32	1392353736	
CTermIgnOnTimer_mS_M_u32	467105645	
CTermVehSpdInvalidTimer_mS_M_u32	2017380725	
CTerm_Cnt_M_lgc	0	
RampStatus_Cnt_M_u08	2	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	52022	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	1623763244	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	3	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.573899984	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	28.9125996	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	

Name	**Actual Value**	**Expected Value**	**Result**
ATermTimer_mS_M_u32	1623763244	1623763244	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	1623763244	1623763244	✔
CTermIgnOnTimer_mS_M_u32	1623763244	1623763244	✔
CTermVehSpdInvalidTimer_mS_M_u32	1623763244	1623763244	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	3	3	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔

Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.31 (Repeat Count = 1)	✔

Name	Input Value
ATermTimer_mS_M_u32	3426648279
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	4103113575
CTermIgnOnTimer_mS_M_u32	3302186978
CTermVehSpdInvalidTimer_mS_M_u32	281160614
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	9.99999975e-005
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	21881
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	3951577640
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	13
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.915300012
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	5.57719994
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3951577640	3951577640	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3951577640	3951577640	✔
CTermIgnOnTimer_mS_M_u32	3951577640	3951577640	✔
CTermVehSpdInvalidTimer_mS_M_u32	3951577640	3951577640	✔
CTerm_Cnt_M_lgc	1	1	✔

Name	Actual Value	Expected Value	Result
RampStatus_Cnt_M_u08	2	2	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.32 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	991018201	
ATerm_Cnt_M_lgc	1	
CTermIgnOffTimer_mS_M_u32	1562174934	
CTermIgnOnTimer_mS_M_u32	4004438692	
CTermVehSpdInvalidTimer_mS_M_u32	1716869677	
CTerm_Cnt_M_lgc	0	
RampStatus_Cnt_M_u08	2	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.00499999989	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	2151	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	2299782989	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	12	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.700900018	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	2.38829994	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2299782989	2299782989	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2299782989	2299782989	✔

Name	Actual Value	Expected Value	Result
CTermIgnOnTimer_mS_M_u32	2299782989	2299782989	✔
CTermVehSpdInvalidTimer_mS_M_u32	2299782989	2299782989	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	2	2	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.33 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	1109852427
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	4211297476
CTermIgnOnTimer_mS_M_u32	2410699036
CTermVehSpdInvalidTimer_mS_M_u32	4065434492
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.00309500005
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	19774
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	4163616179
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	10
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.138799995
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	9.11909962
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4163616179	4163616179	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	4163616179	4163616179	✔
CTermIgnOnTimer_mS_M_u32	4163616179	4163616179	✔
CTermVehSpdInvalidTimer_mS_M_u32	4163616179	4163616179	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	2	2	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00309500005	0.00309500005 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.34 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	3572366124
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	16962285
CTermIgnOnTimer_mS_M_u32	3211396611
CTermVehSpdInvalidTimer_mS_M_u32	3247247467
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	17565
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	4124682821
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	9
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.109899998
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	6.64849997
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4124682821	4124682821	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	4124682821	4124682821	✔
CTermIgnOnTimer_mS_M_u32	4124682821	4124682821	✔
CTermVehSpdInvalidTimer_mS_M_u32	4124682821	4124682821	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	2	2	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.35 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	2385656486
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	3483317430
CTermIgnOnTimer_mS_M_u32	1236275200
CTermVehSpdInvalidTimer_mS_M_u32	4164470248
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	9.99999975e-005
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	47408
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	3705640481
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	12
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.225999996
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	5.92980003
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3705640481	3705640481	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3705640481	3705640481	✔
CTermIgnOnTimer_mS_M_u32	3705640481	3705640481	✔
CTermVehSpdInvalidTimer_mS_M_u32	3705640481	3705640481	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	3	3	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔

Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.36 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	18202774	
ATerm_Cnt_M_lgc	1	
CTermIgnOffTimer_mS_M_u32	681032359	
CTermIgnOnTimer_mS_M_u32	939170901	
CTermVehSpdInvalidTimer_mS_M_u32	1138512578	
CTerm_Cnt_M_lgc	0	
RampStatus_Cnt_M_u08	2	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.00499999989	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	19015	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2559579993	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	12	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.523699999	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	342.022705	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0	

Name	**Actual Value**	**Expected Value**	**Result**
ATermTimer_mS_M_u32	2559579993	2559579993	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2559579993	2559579993	✔
CTermIgnOnTimer_mS_M_u32	2559579993	2559579993	✔
CTermVehSpdInvalidTimer_mS_M_u32	2559579993	2559579993	✔
CTerm_Cnt_M_lgc	0	0	✔

Name	Actual Value	Expected Value	Result
RampStatus_Cnt_M_u08	3	3	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.37 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	2032686388	
ATerm_Cnt_M_lgc	0	
CTermIgnOffTimer_mS_M_u32	97967138	
CTermIgnOnTimer_mS_M_u32	1643874540	
CTermVehSpdInvalidTimer_mS_M_u32	41026122	
CTerm_Cnt_M_lgc	0	
RampStatus_Cnt_M_u08	2	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.000354999996	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	60589	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3181093784	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	3	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.682500005	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	22.5547009	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3181093784	3181093784	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3181093784	3181093784	✔

Name	Actual Value	Expected Value	Result
CTermIgnOnTimer_mS_M_u32	3181093784	3181093784	✔
CTermVehSpdInvalidTimer_mS_M_u32	3181093784	3181093784	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	3	3	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000354999996	0.000354999996 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.38 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	1675551813
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	596742987
CTermIgnOnTimer_mS_M_u32	761579181
CTermVehSpdInvalidTimer_mS_M_u32	3606596395
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	19491
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	4011379992
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	11
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.316199988
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	439.457703
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4011379992	4011379992	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	4011379992	4011379992	✔
CTermIgnOnTimer_mS_M_u32	4011379992	4011379992	✔
CTermVehSpdInvalidTimer_mS_M_u32	4011379992	4011379992	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	3	3	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.39 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	3805470526
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	2281105244
CTermIgnOnTimer_mS_M_u32	3749720572
CTermVehSpdInvalidTimer_mS_M_u32	3330920839
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	0
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	40395
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3911924416
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	13
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0140000004
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	198.115997
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3911924416	3911924416	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3911924416	3911924416	✔
CTermIgnOnTimer_mS_M_u32	3911924416	3911924416	✔
CTermVehSpdInvalidTimer_mS_M_u32	3911924416	3911924416	✔
CTerm_Cnt_M_lgc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.40 (Repeat Count = 1) ✔

Name	Input Value
ATermTimer_mS_M_u32	1190882813
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	1762782725
CTermIgnOnTimer_mS_M_u32	2503981986
CTermVehSpdInvalidTimer_mS_M_u32	573185223
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	255
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	8649
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	4292876547
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	6
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.921400011
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	60.5251007
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4292876547	4292876547	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	4292876547	4292876547	✔
CTermIgnOnTimer_mS_M_u32	4292876547	4292876547	✔
CTermVehSpdInvalidTimer_mS_M_u32	4292876547	4292876547	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔

Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.41 (Repeat Count = 1)				✔
Name	**Input Value**			
ATermTimer_mS_M_u32	48922192			
ATerm_Cnt_M_lgc	0			
CTermIgnOffTimer_mS_M_u32	3075983672			
CTermIgnOnTimer_mS_M_u32	3100190659			
CTermVehSpdInvalidTimer_mS_M_u32	1883079782			
CTerm_Cnt_M_lgc	0			
RampStatus_Cnt_M_u08	0			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
k_ATermTimeout_mS_u16	4000			
k_CTermIgnOffTimeout_mS_u16	0			
k_CTermIgnOnTimeout_mS_u16	0			
k_CTermVehSpdInvalidTimeout_mS_u16	45			
k_RampDnRt_UlspmS_f32	0.001667			
k_RampUpRtLoSpd_UlspmS_f32	0.001667			
k_STTdEntryThresh_Kph_f32	10			
k_STTdExitThresh_Kph_f32	10			
k_STTdRampDownRate_UlspmS_f32	0.001667			
k_STTdRampUpRate_UlspmS_f32	0.001667			
k_VehSpdThresh_Kph_f32	97.982399			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	36155			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	648707082			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc			
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0			
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	13			
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.835799992			
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	149.232407			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
Name	**Actual Value**	**Expected Value**		**Result**
ATermTimer_mS_M_u32	648707082	648707082		✔
ATerm_Cnt_M_lgc	1	1		✔
CTermIgnOffTimer_mS_M_u32	648707082	648707082		✔
CTermIgnOnTimer_mS_M_u32	648707082	648707082		✔
CTermVehSpdInvalidTimer_mS_M_u32	648707082	648707082		✔
CTerm_Cnt_M_lgc	1	1		✔

Name	Actual Value	Expected Value	Result
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function		**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode		1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET		1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32		1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 4.42 (Repeat Count = 1)		✔
Name	**Input Value**	
ATermTimer_mS_M_u32	3858331306	
ATerm_Cnt_M_lgc	0	
CTermIgnOffTimer_mS_M_u32	1713500778	
CTermIgnOnTimer_mS_M_u32	348105251	
CTermVehSpdInvalidTimer_mS_M_u32	202852639	
CTerm_Cnt_M_lgc	0	
RampStatus_Cnt_M_u08	0	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	37372	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	286023336	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	11	
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.803900003	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	7.77139997	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	

Name	**Actual Value**	**Expected Value**	**Result**
ATermTimer_mS_M_u32	286023336	286023336	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	286023336	286023336	✔

Name	Actual Value	Expected Value	Result
CTermIgnOnTimer_mS_M_u32	286023336	286023336	✔
CTermVehSpdInvalidTimer_mS_M_u32	286023336	286023336	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✔
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✔
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Project	VehPwrMd
Module	VehPwrMd
Test Object	VehPwrMd_Init1

Instrumentation: Test Object Only

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

Statistics

Total Testcases	2	
Successful	2	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\VehPwrMd
Configuration File	D:\Synergy_Work_Area\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	$(PROJECTROOT)\VehPwrMd\src\Ap_VehPwrMd.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I$(PROJECTROOT)\VehPwrMd\utp\contract -I$(PROJECTROOT)\VehPwrMd\utp\contract\Ap_VehPwrMd -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(Compiler Install Path)\include

Comments/Description/Specification	
Name	**Text**
Module 'VehPwrMd'	*** Unit Test Information**
	Name of Tester: Sachin Kamate
	Code File(s) Under Test: Ap_VehPwrMd.c
	Code File(s) Version: 2
	Module Design Document: VehPwrMd_MDD.doc
	Module Design Document Version: 6
	Data Dictionary Version: 6
	Unit Test Plan Version: 3
	Optimization Level: Ogeneral
	Compiler (CodeGen) Version: TMS470_4.9.5
	Model Type: None
	Model Version: Nexteer EPS Unit Test Tool 1.0
	Total FLASH Used (Bytes): 978
	Total RAM Used (Bytes): 19
	Total CALS Used (Bytes): 36
	Special Test Requirements: NA
	Test Date: 3/12/2018
	Comments:
	Note1: Inline functions defined in "Globalmacro.h"are not unit tested.
	Note2: "CBD_Sandbox_dbg.map" file is embedded for reference.
	Note3: In Funtion "VehPwrMd_Per1", 100% MC/DC coverage is not possible at Src Line No. 955.
	Anomaly needs to be logged for the same.
	Note4: In Function "VehPwrMd_Per1", the PIM variable "RampStatus_Cnt_M_u08" is going Out of range [0, 3] over the DD range [0, 2].
	Anomaly needs to be logged for the same.
	**

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	$(TESSY_SYSPATH)\compiler\ti\tms470\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

Attributes	
Name	**Value**
UDE Config File	$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\VehPwrMd\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Range Test ✔

Specification
```
Performance Metrics:

(With "None" Instrumentation and
"WithPS" Environment)

CPU Cycles:

TS1.1 566.00 Cycles
TS1.2 529.00 Cycles
TS1.3 529.00 Cycles
TS1.4 529.00 Cycles
TS1.5 529.00 Cycles
```

Description
```
Vector Description:

TS1.1 All Min
TS1.2 All Max
TS1.3 Rte_Call_SystemTime_GetSystemTime_mS_u32==>Min
TS1.4 Rte_Call_SystemTime_GetSystemTime_mS_u32==>Max
TS1.5 Rte_Call_SystemTime_GetSystemTime_mS_u32==>Pos
```

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	9.99999975e-005		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	0		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	target_VehPwrMd_Init1_OperRampRate_XpmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	target_VehPwrMd_Init1_OperRampValue_Uls_f32		
Name	**Actual Value**	**Expected Value**	**Result**
ATermTimer_mS_M_u32	0	0	✔
CTermIgnOffTimer_mS_M_u32	0	0	✔
CTermIgnOnTimer_mS_M_u32	0	0	✔
CTermVehSpdInvalidTimer_mS_M_u32	0	0	✔
target_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.015625	✔
target_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	0.00499999989		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	4294967295		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	target_VehPwrMd_Init1_OperRampRate_XpmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	target_VehPwrMd_Init1_OperRampValue_Uls_f32		
Name	**Actual Value**	**Expected Value**	**Result**
ATermTimer_mS_M_u32	4294967295	4294967295	✔
CTermIgnOffTimer_mS_M_u32	4294967295	4294967295	✔
CTermIgnOnTimer_mS_M_u32	4294967295	4294967295	✔
CTermVehSpdInvalidTimer_mS_M_u32	4294967295	4294967295	✔
target_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.015625	✔
target_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 1.3 (Repeat Count = 1)   ✔

Name	Input Value
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
k_RampDnRt_UlspmS_f32	0.001667
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	0
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	target_VehPwrMd_Init1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	target_VehPwrMd_Init1_OperRampValue_Uls_f32

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	0	0	✔
CTermIgnOffTimer_mS_M_u32	0	0	✔
CTermIgnOnTimer_mS_M_u32	0	0	✔
CTermVehSpdInvalidTimer_mS_M_u32	0	0	✔
target_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 1.4 (Repeat Count = 1)   ✔

Name	Input Value
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
k_RampDnRt_UlspmS_f32	0.001667
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTir	4294967295
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	target_VehPwrMd_Init1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	target_VehPwrMd_Init1_OperRampValue_Uls_f32

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4294967295	4294967295	✔
CTermIgnOffTimer_mS_M_u32	4294967295	4294967295	✔
CTermIgnOnTimer_mS_M_u32	4294967295	4294967295	✔
CTermVehSpdInvalidTimer_mS_M_u32	4294967295	4294967295	✔
target_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 1.5 (Repeat Count = 1)   ✔

Name	Input Value
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
k_RampDnRt_UlspmS_f32	0.001667
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	1604325632
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	target_VehPwrMd_Init1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	target_VehPwrMd_Init1_OperRampValue_Uls_f32

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1604325632	1604325632	✔
CTermIgnOffTimer_mS_M_u32	1604325632	1604325632	✔
CTermIgnOnTimer_mS_M_u32	1604325632	1604325632	✔
CTermVehSpdInvalidTimer_mS_M_u32	1604325632	1604325632	✔
target_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Case 2: PRM Range Test ✔

Specification   Performance Metrics:

(With "None" Instrumentation and
"WithPS" Environment)

CPU Cycles:

TS2.1 529.00 Cycles
TS2.2 529.00 Cycles
TS2.3 529.00 Cycles
TS2.4 529.00 Cycles

Description   Vector Description:

TS2.1 k_RampDnRt_UlspmS_f32==>Min
TS2.2 k_RampDnRt_UlspmS_f32==>Max
TS2.3 k_RampDnRt_UlspmS_f32==>Pos
TS2.4 k_RampDnRt_UlspmS_f32==>Default

Test Step 2.1 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
k_RampDnRt_UlspmS_f32	9.99999975e-005
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	60205312
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	target_VehPwrMd_Init1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	target_VehPwrMd_Init1_OperRampValue_Uls_f32

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	60205312	60205312	✔
CTermIgnOffTimer_mS_M_u32	60205312	60205312	✔
CTermIgnOnTimer_mS_M_u32	60205312	60205312	✔
CTermVehSpdInvalidTimer_mS_M_u32	60205312	60205312	✔
target_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.015625	✔
target_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.2 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
k_RampDnRt_UlspmS_f32	0.00499999989
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTir	3267282944
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	target_VehPwrMd_Init1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	target_VehPwrMd_Init1_OperRampValue_Uls_f32

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3267282944	3267282944	✔
CTermIgnOffTimer_mS_M_u32	3267282944	3267282944	✔
CTermIgnOnTimer_mS_M_u32	3267282944	3267282944	✔
CTermVehSpdInvalidTimer_mS_M_u32	3267282944	3267282944	✔
target_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.015625	✔
target_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✔

Test Step 2.3 (Repeat Count = 1) ✔

Name	Input Value
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
k_RampDnRt_UlspmS_f32	0.00350000011
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3498208000
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	target_VehPwrMd_Init1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	target_VehPwrMd_Init1_OperRampValue_Uls_f32

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3498208000	3498208000	✔
CTermIgnOffTimer_mS_M_u32	3498208000	3498208000	✔

Name	Actual Value	Expected Value	Result
CTermIgnOnTimer_mS_M_u32	3498208000	3498208000	✔
CTermVehSpdInvalidTimer_mS_M_u32	3498208000	3498208000	✔
target_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.00350000011	0.00350000011 ± 0.015625	✔
target_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32		1	✔

Test Step 2.4 (Repeat Count = 1)		✔
Name	**Input Value**	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
k_RampDnRt_UlspmS_f32	0.001667	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	379133056	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	target_VehPwrMd_Init1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	target_VehPwrMd_Init1_OperRampValue_Uls_f32	

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	379133056	379133056	✔
CTermIgnOffTimer_mS_M_u32	379133056	379133056	✔
CTermIgnOnTimer_mS_M_u32	379133056	379133056	✔
CTermVehSpdInvalidTimer_mS_M_u32	379133056	379133056	✔
target_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✔
target_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32		1	✔