

## Summary

**Total Test Objects:** 2  
**Successful:** 2  
**Failed:** 0  
**Not Executed:** 0  
**Date:** 2015-04-23  
**Time:** 16:39:01+0530

## Overall Test Object Results (including Coverage)



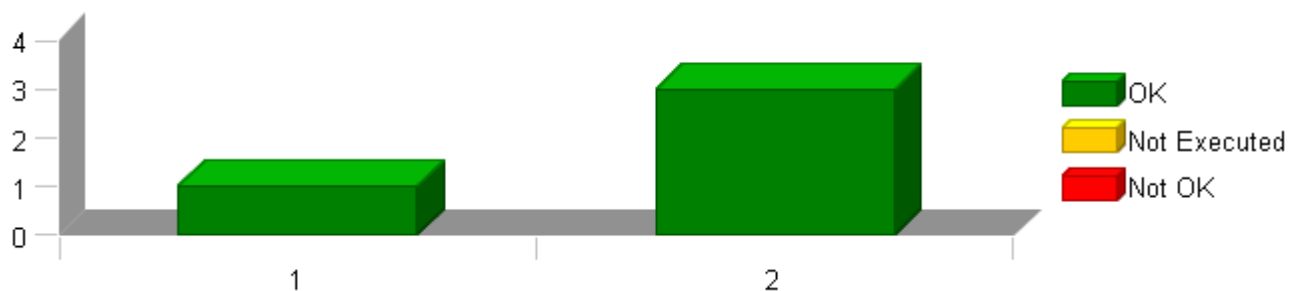
## Selected Project Items

Test Collection "CBD\_UnitTest"

## Used Test Environments

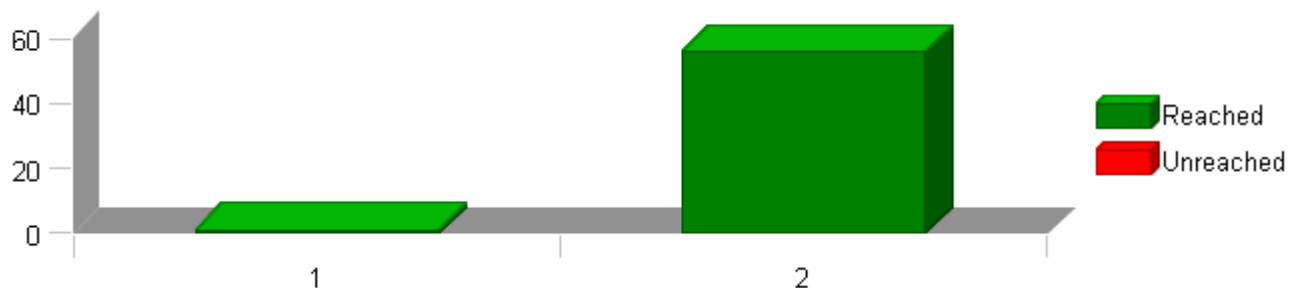
TI TMS 570 PLS UDE (Default)

## Test Case Results for Each Test Object (without Coverage)



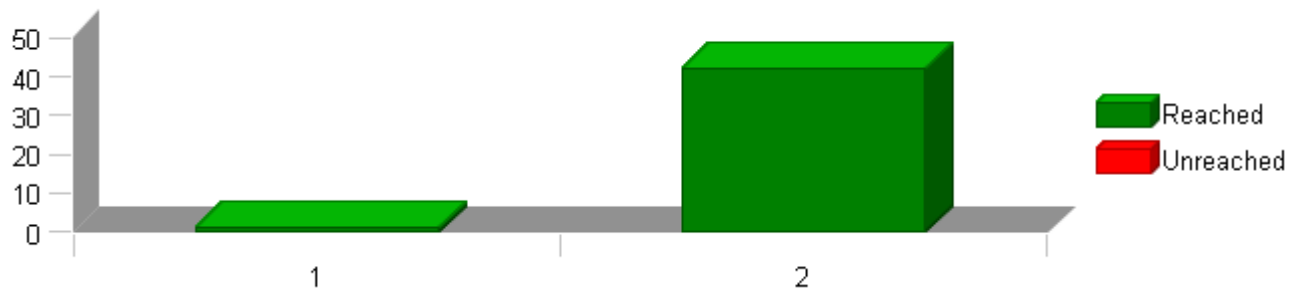
The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object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

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



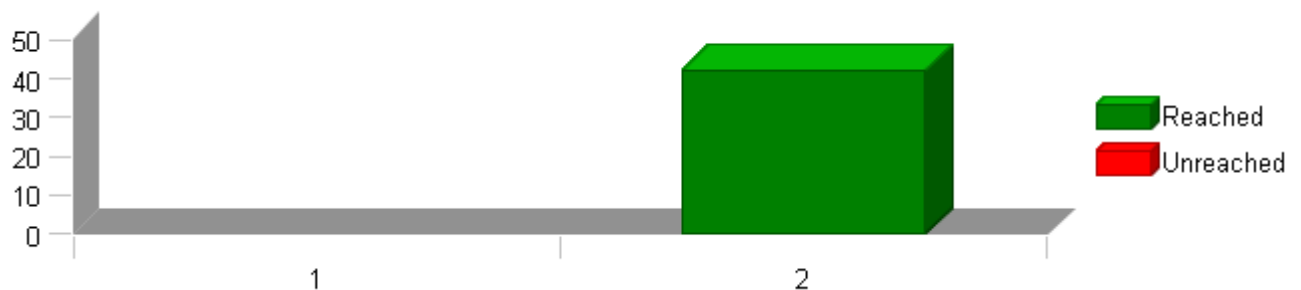
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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



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

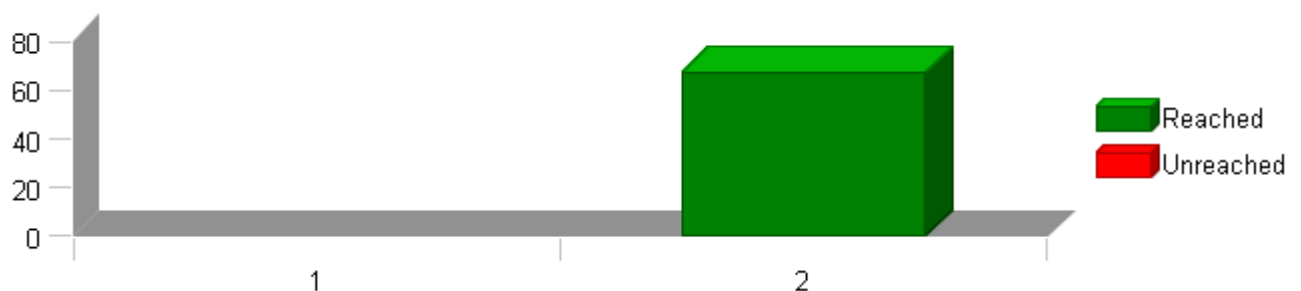
### Decision Coverage: Total Decision Outcomes for Each Test Object



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

Each bar is divided into reached and unreached decision outcomes.

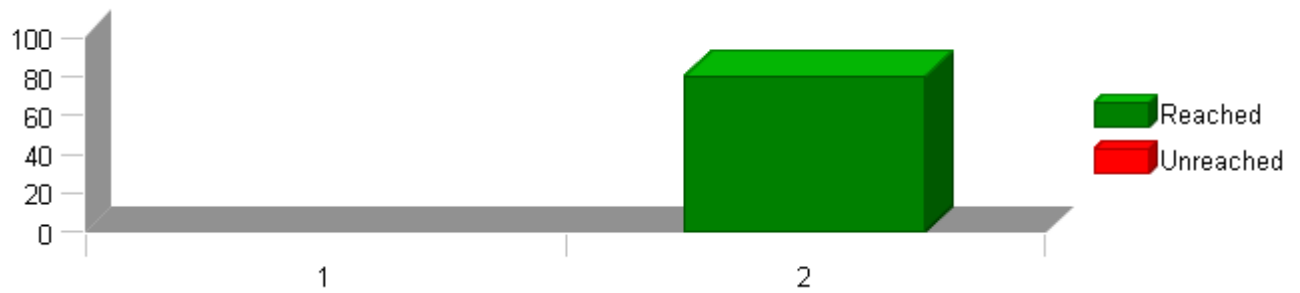
### MC/DC Coverage: Total Condition Combinations for Each Test Object



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

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

## MCC Coverage: Total Condition Combinations for Each Test Object



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

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

## TEST OVERVIEW REPORT

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Project VehPwrMd



### Test Object List

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

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

No.	Name	C0	C1	DC	MC/DC	MCC	Test Cases	Result
	VehPwrMd	100 %	100 %	100 %	100 %	100 %	4 of 4 passed	✓
	CBD_UnitTest	100 %	100 %	100 %	100 %	100 %	4 of 4 passed	✓
	VehPwrMd	100 %	100 %	100 %	100 %	100 %	4 of 4 passed	✓
1	<a href="#">VehPwrMd_Init1</a>	100 %	100 %	-	-	-	1 of 1 passed	✓
2	<a href="#">VehPwrMd_Per1</a>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	✓

# TEST DETAILS REPORT

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VehPwrMd\_Init1



Project	VehPwrMd
Module	VehPwrMd
Test Object	VehPwrMd_Init1

## Instrumentation: Test Object Only

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

## Statistics

Total Testcases	1
Successful	1 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\PSA_VehPwrMd
Configuration File	D:\Synergy_Work_Area\PSA_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\utpl\contract\Ap_VehPwrMd -I\$(PROJECTROOT)\VehPwrMd\utpl\contract -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\NxrLib\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'VehPwrMd'	*****Unit Test Description*****  Name of Tester:Sunita Kore Code File(s) Under Test:Ap_VehPwrMd.c Code File(s) Version:4 Module Design Document:VehPwrMd_MDD.doc Module Design Document Version:2 Data Dictionary Version:4 Unit Test Plan Version:1 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS570_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d / EPS Library 1.31 Total FLASH Used (Bytes):1070 Total RAM Used (Bytes):19 Total CALS Used (Bytes):36 Special Test Requirements: Test Date:4/23/2015 Comments:Note1: "CBD_Sandbox_dbg.map" is embedded for reference.  *****

## Attributes

Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\PSA_VehPwrMd\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

# TEST DETAILS REPORT

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VehPwrMd\_Init1



## Test Case 1: Boundary Test

<b>Specification</b>	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:  TC 1.1 270.00 Cycles TC 1.2 271.00 Cycles TC 1.3 271.00 Cycles TC 1.4 271.00 Cycles TC 1.5 271.00 Cycles TC 1.6 271.00 Cycles TC 1.7 271.00 Cycles TC 1.8 271.00 Cycles
<b>Description</b>	VECTOR DESCRIPTION  TC 1.1All Min TC 1.2All Max TC 1.3k_RampDnRt_UlspmS_f32 = Min TC 1.4k_RampDnRt_UlspmS_f32 = Max TC 1.5k_RampDnRt_UlspmS_f32 = Pos TC 1.6Rte_Call_SystemTime_GetSystemTime_mS_u32= Min TC 1.7Rte_Call_SystemTime_GetSystemTime_mS_u32= Max TC 1.8Rte_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	tgt_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	9.99999975e-005		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	0		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	tgt_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	✓
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.0156	✓
tgt_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✓

### 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	tgt_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	0.00499999989		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	4294967295		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	tgt_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	✓
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.0156	✓
tgt_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✓

### 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	tgt_Rte_Inst_Ap_VehPwrMd
k_RampDnRt_UlspmS_f32	9.99999975e-005
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	546873

# TEST DETAILS REPORT

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VehPwrMd\_Init1

Name	Input Value		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	tgt_VehPwrMd_Init1_OperRampValue_Uls_f32		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	546873	546873	✓
CTermIgnOffTimer_mS_M_u32	546873	546873	✓
CTermIgnOnTimer_mS_M_u32	546873	546873	✓
CTermVehSpdInvalidTimer_mS_M_u32	546873	546873	✓
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.0156	✓
tgt_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✓

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	tgt_Rte_Inst_Ap_VehPwrMd			
k_RampDnRt_Ulspms_f32	0.00499999989			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	31419			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	tgt_VehPwrMd_Init1_OperRampValue_Uls_f32			
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	31419	31419	✓	
CTermIgnOffTimer_mS_M_u32	31419	31419	✓	
CTermIgnOnTimer_mS_M_u32	31419	31419	✓	
CTermVehSpdInvalidTimer_mS_M_u32	31419	31419	✓	
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.0156	✓	
tgt_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✓	

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	tgt_Rte_Inst_Ap_VehPwrMd			
k_RampDnRt_Ulspms_f32	0.00127000001			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	76124			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	tgt_VehPwrMd_Init1_OperRampValue_Uls_f32			
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	76124	76124	✓	
CTermIgnOffTimer_mS_M_u32	76124	76124	✓	
CTermIgnOnTimer_mS_M_u32	76124	76124	✓	
CTermVehSpdInvalidTimer_mS_M_u32	76124	76124	✓	
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.00127000001	0.00127000001 ± 0.0156	✓	
tgt_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✓	

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 DETAILS REPORT

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VehPwrMd\_Init1

## Test Step 1.6 (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	tgt_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	0.00319000008		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	0		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	tgt_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	✓
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.00319000008	0.00319000008 ± 0.0156	✓
tgt_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✓

## 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 1.7 (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	tgt_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	0.00303000002		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	4294967295		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	tgt_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	✔
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.00303000002	0.00303000002 ± 0.0156	✔
tgt_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✔

## 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 1.8 (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	tgt_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	0.00407999987		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	6423		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	tgt_VehPwrMd_Init1_OperRampValue_Uls_f32		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	6423	6423	✔
CTermIgnOffTimer_mS_M_u32	6423	6423	✔
CTermIgnOnTimer_mS_M_u32	6423	6423	✔
CTermVehSpdInvalidTimer_mS_M_u32	6423	6423	✔
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.00407999987	0.00407999987 ± 0.0156	✔
tgt_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✔

## 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 DETAILS REPORT

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VehPwrMd\_Per1



Project	VehPwrMd
Module	VehPwrMd
Test Object	VehPwrMd_Per1

## Instrumentation: Test Object Only

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

## Statistics

Total Testcases	3
Successful	3 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\PSA_VehPwrMd
Configuration File	D:\Synergy_Work_Area\PSA_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\utpl\contract\Ap_VehPwrMd -I\$(PROJECTROOT)\VehPwrMd\utpl\contract -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\NxtLib\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'VehPwrMd'	*****Unit Test Description*****  Name of Tester:Sunita Kore Code File(s) Under Test:Ap_VehPwrMd.c Code File(s) Version:4 Module Design Document:VehPwrMd_MDD.doc Module Design Document Version:2 Data Dictionary Version:4 Unit Test Plan Version:1 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS570_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d / EPS Library 1.31 Total FLASH Used (Bytes):1070 Total RAM Used (Bytes):19 Total CALS Used (Bytes):36 Special Test Requirements: Test Date:4/23/2015 Comments:Note1: "CBD_Sandbox_dbg.map" is embedded for reference. *****

## Attributes

Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0

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Attributes	
Name	Value
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\PSA_VehPwrMd\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

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## Test Case 1: Metrics Test

<b>Specification</b>	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:  TC 1.1 1644.00 Cycles TC 1.2 1939.00 Cycles
<b>Description</b>	VECTOR DESCRIPTION:  TS 1.1 "Shortest Execution Path: if (TRUE == EngONSrComSvcDft_Cnt_T_lgc)=>True if (TRUE == EPSEn_Cnt_T_lgc)=>True" TS 1.2 "Longest Execution Path: if (TRUE == EngONSrComSvcDft_Cnt_T_lgc)=>False if (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT    SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OFF    SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE    MEC == ManufacturingMode)=>False else if (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)=>True if (Status_NTC305_T_u8 == NTC_STATUS_PASSED)=>True if ((EPSEn_Cnt_T_lgc == TRUE)    (EPS_Keypos_Status_Cnt_T_u16 == 2u))=>False if ( EngOn_Cnt_T_lgc == TRUE    ((RTE_MODE_StaMd_Mode_OPERATE == SystemState_Cnt_T_enum) && (TRUE == VehSpdValid_Cnt_T_lgc) && (VehSpd_Kph_T_f32 > k_RmpDnAsstVehSpdLimit_Kph_f32)))=>True if ((FALSE == CTermActive_Cnt_T_lgc)    (FALSE == ATermActive_Cnt_T_lgc))=>True"

## 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		
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_CurrentTim	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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelesthDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_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	✔

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Name	Actual Value	Expected Value	Result
CTermVehSpdInvalidTimer_mS_M_u32	0	0	✓
CTerm_Cnt_M_Igc	0	0	✓
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	0	0	✓
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✓

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 1.2 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	2018414336			
ATerm_Cnt_M_Igc	1			
CTermIgnOffTimer_mS_M_u32	1391807232			
CTermIgnOnTimer_mS_M_u32	2548318464			
CTermVehSpdInvalidTimer_mS_M_u32	3501606656			
CTerm_Cnt_M_Igc	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	65462			
k_CTermIgnOffTimeout_mS_u16	27158			
k_CTermIgnOnTimeout_mS_u16	65535			
k_CTermVehSpdInvalidTimeout_mS_u16	47456			
k_RampDnRt_UlspmS_f32	0.00380000006			
k_RampUpRtLoSpd_UlspmS_f32	0.00400000019			
k_STTdEntryThresh_Kph_f32	160.190002			
k_STTdExitThresh_Kph_f32	188.660004			
k_STTdRampDownRate_UlspmS_f32	0.00286999997			
k_STTdRampUpRate_UlspmS_f32	0.00383000006			
k_VehSpdThresh_Kph_f32	243.429993			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	23769			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2825687296			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc			
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc			
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0340000018			
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1			
target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32.value	188.809998			
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1			
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	2825687296	2825687296	✓	
ATerm_Cnt_M_Igc	1	1	✓	
CTermIgnOffTimer_mS_M_u32	2825687296	2825687296	✓	
CTermIgnOnTimer_mS_M_u32	2548318464	2548318464	✓	
CTermVehSpdInvalidTimer_mS_M_u32	2825687296	2825687296	✓	
CTerm_Cnt_M_Igc	1	1	✓	
RampStatus_Cnt_M_u08	2	2	✓	
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓	

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Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00383000006	0.00383000006 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	

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## Test Case 2: Boundary Test



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

TC 2.1 1727.00 Cycles  
TC 2.2 1729.00 Cycles  
TC 2.3 1729.00 Cycles  
TC 2.4 1729.00 Cycles  
TC 2.5 1723.00 Cycles  
TC 2.6 1710.00 Cycles  
TC 2.7 1725.00 Cycles  
TC 2.8 1730.00 Cycles  
TC 2.9 1743.00 Cycles  
TC 2.10 1741.00 Cycles  
TC 2.11 2039.00 Cycles  
TC 2.12 1740.00 Cycles  
TC 2.13 2014.00 Cycles  
TC 2.14 1738.00 Cycles  
TC 2.15 2011.00 Cycles  
TC 2.16 1738.00 Cycles  
TC 2.17 1745.00 Cycles  
TC 2.18 1726.00 Cycles  
TC 2.19 1759.00 Cycles  
TC 2.20 1743.00 Cycles  
TC 2.21 1745.00 Cycles  
TC 2.22 1765.00 Cycles  
TC 2.23 2306.00 Cycles  
TC 2.24 1751.00 Cycles  
TC 2.25 1762.00 Cycles  
TC 2.26 1738.00 Cycles  
TC 2.27 1749.00 Cycles  
TC 2.28 1752.00 Cycles  
TC 2.29 1768.00 Cycles  
TC 2.30 2012.00 Cycles  
TC 2.31 2011.00 Cycles  
TC 2.32 2014.00 Cycles  
TC 2.33 2036.00 Cycles  
TC 2.34 2038.00 Cycles  
TC 2.35 2060.00 Cycles  
TC 2.36 2028.00 Cycles  
TC 2.37 2037.00 Cycles  
TC 2.38 2027.00 Cycles  
TC 2.39 2288.00 Cycles  
TC 2.40 2029.00 Cycles  
TC 2.41 2288.00 Cycles  
TC 2.42 1783.00 Cycles  
TC 2.43 1752.00 Cycles  
TC 2.44 1772.00 Cycles  
TC 2.45 1760.00 Cycles  
TC 2.46 1788.00 Cycles  
TC 2.47 1768.00 Cycles  
TC 2.48 1755.00 Cycles  
TC 2.49 1727.00 Cycles  
TC 2.50 1738.00 Cycles  
TC 2.51 1744.00 Cycles  
TC 2.52 2028.00 Cycles  
TC 2.53 1741.00 Cycles  
TC 2.54 1727.00 Cycles  
TC 2.55 1727.00 Cycles  
TC 2.56 1726.00 Cycles  
TC 2.57 1755.00 Cycles  
TC 2.58 1735.00 Cycles  
TC 2.59 2263.00 Cycles  
TC 2.60 1745.00 Cycles  
TC 2.61 1712.00 Cycles  
TC 2.62 1731.00 Cycles  
TC 2.63 1700.00 Cycles  
TC 2.64 2018.00 Cycles  
TC 2.65 1993.00 Cycles  
TC 2.66 1992.00 Cycles  
TC 2.67 2031.00 Cycles  
TC 2.68 1763.00 Cycles  
TC 2.69 2006.00 Cycles  
TC 2.70 1734.00 Cycles  
TC 2.71 2024.00 Cycles  
TC 2.72 2001.00 Cycles  
TC 2.73 1731.00 Cycles  
TC 2.74 1740.00 Cycles

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Description	VECTOR DESCRIPTION
	TC 2.1All Min
	TC 2.2All Max
	TC 2.3EngONSrIComSvcDft_Cnt_Igc = Min
	TC 2.4EngONSrIComSvcDft_Cnt_Igc = Max
	TC 2.5SrIComEngOn_Cnt_Igc = Min
	TC 2.6SrIComEngOn_Cnt_Igc = Max
	TC 2.7VehSpdValid_Cnt_Igc = Min
	TC 2.8VehSpdValid_Cnt_Igc = Max
	TC 2.9SrIComVehSpd_Kph_f32 = Min
	TC 2.10SrIComVehSpd_Kph_f32 = Max
	TC 2.11SrIComVehSpd_Kph_f32= Pos
	TC 2.12Rte_Mode_SystemState_Mode = RTE_MODE_StaMd_Mode_DISABLE
	TC 2.13Rte_Mode_SystemState_Mode = RTE_MODE_StaMd_Mode_OFF
	TC 2.14Rte_Mode_SystemState_Mode = RTE_MODE_StaMd_Mode_OPERATE
	TC 2.15Rte_Mode_SystemState_Mode = RTE_MODE_StaMd_Mode_WARMINIT
	TC 2.16Rte_Mode_SystemState_Mode = RTE_TRANSITION_StaMd_Mode
	TC 2.17ATerm_Cnt_M_Igc=Min
	TC 2.18ATerm_Cnt_M_Igc=Max
	TC 2.19CTerm_Cnt_M_Igc=Min
	TC 2.20CTerm_Cnt_M_Igc=Max
	TC 2.21RampStatus_Cnt_M_u08=Min
	TC 2.22RampStatus_Cnt_M_u08=Max
	TC 2.23RampStatus_Cnt_M_u08=Pos
	TC 2.24k_RampUpRtLoSpd_UlspmS_f32 = Min
	TC 2.25k_RampUpRtLoSpd_UlspmS_f32 = Max
	TC 2.26k_RampUpRtLoSpd_UlspmS_f32 = Pos
	TC 2.27k_RampDnRt_UlspmS_f32 = Min
	TC 2.28k_RampDnRt_UlspmS_f32 = Max
	TC 2.29k_RampDnRt_UlspmS_f32 = Pos
	TC 2.30k_ATermTimeout_mS_u16= Min
	TC 2.31k_ATermTimeout_mS_u16= Max
	TC 2.32k_ATermTimeout_mS_u16= Pos
	TC 2.33k_CTermIgnOffTimeout_mS_u16= Min
	TC 2.34k_CTermIgnOffTimeout_mS_u16= Max
	TC 2.35k_CTermIgnOffTimeout_mS_u16= Pos
	TC 2.36k_CTermIgnOnTimeout_mS_u16= Min
	TC 2.37k_CTermIgnOnTimeout_mS_u16= Max
	TC 2.38k_CTermIgnOnTimeout_mS_u16= Pos
	TC 2.39k_CTermVehSpdInvalidTimeout_mS_u16= Min
	TC 2.40k_CTermVehSpdInvalidTimeout_mS_u16= Max
	TC 2.41k_CTermVehSpdInvalidTimeout_mS_u16= Pos
	TC 2.42k_STTdEntryThresh_Kph_f32= Min
	TC 2.43k_STTdEntryThresh_Kph_f32= Max
	TC 2.44k_STTdEntryThresh_Kph_f32= Pos
	TC 2.45k_STTdExitThresh_Kph_f32= Min
	TC 2.46k_STTdExitThresh_Kph_f32= Max
	TC 2.47k_STTdExitThresh_Kph_f32= Pos
	TC 2.48k_STTdRampDownRate_UlspmS_f32= Min
	TC 2.49k_STTdRampDownRate_UlspmS_f32= Max
	TC 2.50k_STTdRampDownRate_UlspmS_f32= Pos
	TC 2.51k_STTdRampUpRate_UlspmS_f32= Min
	TC 2.52k_STTdRampUpRate_UlspmS_f32= Max
	TC 2.53k_STTdRampUpRate_UlspmS_f32= Pos
	TC 2.54k_VehSpdThresh_Kph_f32= Min
	TC 2.55k_VehSpdThresh_Kph_f32= Max
	TC 2.56k_VehSpdThresh_Kph_f32= Pos
	TC 2.57Rte_Call_NxtrDiagMgr_GetNTCFailed[3]= Min
	TC 2.58Rte_Call_NxtrDiagMgr_GetNTCFailed[3]= Max
	TC 2.59Rte_Call_EpsEn_OP_GET = Min
	TC 2.60Rte_Call_EpsEn_OP_GET = Max
	TC 2.61Rte_Call_SystemTime_GetSystemTime_mS_u32= Min
	TC 2.62Rte_Call_SystemTime_GetSystemTime_mS_u32= Max
	TC 2.63Rte_Call_SystemTime_GetSystemTime_mS_u32= Pos
	TC 2.64Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16= Min
	TC 2.65Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16= Max
	TC 2.66Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16= Pos
	TC 2.67DmdDelestDA_Cnt_u08= Min
	TC 2.68DmdDelestDA_Cnt_u08= Max
	TC 2.69DmdDelestDA_Cnt_u08= Pos
	TC 2.70OutputRampMult_Uls_f32= Min
	TC 2.71OutputRampMult_Uls_f32= Max
	TC 2.72OutputRampMult_Uls_f32= Pos
	TC 2.73STTdSelected_Cnt_Igc= Min
	TC 2.74STTdSelected_Cnt_Igc= Max

Test Step 2.1 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	0
ATerm_Cnt_M_Igc	0
CTermIgnOffTimer_mS_M_u32	0
CTermIgnOnTimer_mS_M_u32	0
CTermVehSpdInvalidTimer_mS_M_u32	0
CTerm_Cnt_M_Igc	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



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Name	Input Value		
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_CurrentTi	0		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc		
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	0		
target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32.value	0		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	0	0	✓
ATerm_Cnt_M_Igc	0	0	✓
CTermIgnOffTimer_mS_M_u32	0	0	✓
CTermIgnOnTimer_mS_M_u32	0	0	✓
CTermVehSpdInvalidTimer_mS_M_u32	0	0	✓
CTerm_Cnt_M_Igc	0	0	✓
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	0	0	✓
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✓

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 2.2 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	4294967295
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	4294967295
CTermIgnOnTimer_mS_M_u32	4294967295
CTermVehSpdInvalidTimer_mS_M_u32	4294967295
CTerm_Cnt_M_Igc	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

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Name	Input Value		
k_RampDnRt_UlspmS_f32	0.00499999989		
k_RampUpRtLoSpd_UlspmS_f32	0.00499999989		
k_STTEntryThresh_Kph_f32	255		
k_STTExitThresh_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_CurrentTim	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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_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 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 2.3 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	253562112
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	1173285120
CTermIgnOnTimer_mS_M_u32	3805327104
CTermVehSpdInvalidTimer_mS_M_u32	2004419840
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()	1
k_ATermTimeout_mS_u16	30565
k_CTermIgnOffTimeout_mS_u16	7801
k_CTermIgnOnTimeout_mS_u16	10944
k_CTermVehSpdInvalidTimeout_mS_u16	433
k_RampDnRt_UlspmS_f32	0.000469999999
k_RampUpRtLoSpd_UlspmS_f32	0.00159
k_STTEntryThresh_Kph_f32	154.770004
k_STTExitThresh_Kph_f32	151.839996

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Name	Input Value		
k_STTdRampDownRate_UlspmS_f32	0.0037		
k_STTdRampUpRate_UlspmS_f32	0.000630000024		
k_VehSpdThresh_Kph_f32	144.179993		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	48721		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	711440384		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0500000007		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	159.520004		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	711440384	711440384	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	711440384	711440384	✔
CTermIgnOnTimer_mS_M_u32	711440384	711440384	✔
CTermVehSpdInvalidTimer_mS_M_u32	711440384	711440384	✔
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	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000469999999	0.000469999999 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✔

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_NxtrDiagMgr_GetNtCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNtCFailed	3	✓

Test Step 2.4 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	649829376
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	2897610752
CTermIgnOnTimer_mS_M_u32	2091431424
CTermVehSpdInvalidTimer_mS_M_u32	1938273280
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	32160
k_CTermIgnOffTimeout_mS_u16	52861
k_CTermIgnOnTimeout_mS_u16	61952
k_CTermVehSpdInvalidTimeout_mS_u16	28103
k_RampDnRt_UlspmS_f32	0.000500000024
k_RampUpRtLoSpd_UlspmS_f32	0.00142999995
k_STTdEntryThresh_Kph_f32	33.4000015
k_STTdExitThresh_Kph_f32	125.269997
k_STTdRampDownRate_UlspmS_f32	0.00240000011
k_STTdRampUpRate_UlspmS_f32	0.000469999999
k_VehSpdThresh_Kph_f32	32.3699989
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1

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Name	Input Value		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	29048		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	2840042240		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc		
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.680000007		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1		
target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32.value	151.630005		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2840042240	2840042240	✔
ATerm_Cnt_M_Igc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2840042240	2840042240	✔
CTermIgnOnTimer_mS_M_u32	2840042240	2840042240	✔
CTermVehSpdInvalidTimer_mS_M_u32	2840042240	2840042240	✔
CTerm_Cnt_M_Igc	1	1	✔
RampStatus_Cnt_M_u08	2	2	✔
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000469999999	0.000469999999 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 2.5 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	1356590848
ATerm_Cnt_M_Igc	0
CTermIgnOffTimer_mS_M_u32	4288457472
CTermIgnOnTimer_mS_M_u32	4227637504
CTermVehSpdInvalidTimer_mS_M_u32	1490528000
CTerm_Cnt_M_Igc	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	40172
k_CTermIgnOffTimeout_mS_u16	14349
k_CTermIgnOnTimeout_mS_u16	21630
k_CTermVehSpdInvalidTimeout_mS_u16	16224
k_RampDnRt_UlspmS_f32	0.000630000024
k_RampUpRtLoSpd_UlspmS_f32	0.00127000001
k_STTdEntryThresh_Kph_f32	7.98000002
k_STTdExitThresh_Kph_f32	91.0800018
k_STTdRampDownRate_UlspmS_f32	0.00109999999
k_STTdRampUpRate_UlspmS_f32	0.000310000003
k_VehSpdThresh_Kph_f32	61.4799995
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	55184
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	4227068416
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc

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Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc		
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00600000005		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	414.470001		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4227068416	4227068416	✔
ATerm_Cnt_M_Igc	0	0	✔
CTermIgnOffTimer_mS_M_u32	4227068416	4227068416	✔
CTermIgnOnTimer_mS_M_u32	4227068416	4227068416	✔
CTermVehSpdInvalidTimer_mS_M_u32	4227068416	4227068416	✔
CTerm_Cnt_M_Igc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	0	0	✔
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000630000024	0.000630000024 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 2.6 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	1871115776
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	1630847488
CTermIgnOnTimer_mS_M_u32	124575744
CTermVehSpdInvalidTimer_mS_M_u32	208915968
CTerm_Cnt_M_Igc	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	39189
k_CTermIgnOffTimeout_mS_u16	65163
k_CTermIgnOnTimeout_mS_u16	62544
k_CTermVehSpdInvalidTimeout_mS_u16	63745
k_RampDnRt_UlspmS_f32	0.00319999992
k_RampUpRtLoSpd_UlspmS_f32	0.00319000008
k_STTdEntryThresh_Kph_f32	212.800003
k_STTdExitThresh_Kph_f32	135.339996
k_STTdRampDownRate_UlspmS_f32	0.000230000005
k_STTdRampUpRate_UlspmS_f32	0.0037
k_VehSpdThresh_Kph_f32	45.1300011
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	22182
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	3322604800
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32

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VehPwrMd\_Per1

Name	Input Value		
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc		
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_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0450000018		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	158.830002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3322604800	3322604800	✔
ATerm_Cnt_M_Igc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3322604800	3322604800	✔
CTermIgnOnTimer_mS_M_u32	3322604800	3322604800	✔
CTermVehSpdInvalidTimer_mS_M_u32	3322604800	3322604800	✔
CTerm_Cnt_M_Igc	1	1	✔
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00319000008	0.00319000008 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 2.7 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	1818353920
ATerm_Cnt_M_Igc	0
CTermIgnOffTimer_mS_M_u32	1569225984
CTermIgnOnTimer_mS_M_u32	4174914304
CTermVehSpdInvalidTimer_mS_M_u32	4143667456
CTerm_Cnt_M_Igc	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	50805
k_CTermIgnOffTimeout_mS_u16	20877
k_CTermIgnOnTimeout_mS_u16	61173
k_CTermVehSpdInvalidTimeout_mS_u16	61659
k_RampDnRt_UlspmS_f32	0.001200000006
k_RampUpRtLoSpd_UlspmS_f32	0.003030000002
k_STTdEntryThresh_Kph_f32	28.6900005
k_STTdExitThresh_Kph_f32	97.5500031
k_STTdRampDownRate_UlspmS_f32	0.000469999999
k_STTdRampUpRate_UlspmS_f32	0.002400000011
k_VehSpdThresh_Kph_f32	121.209999
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	13646
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2440166400
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32



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Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0799999982		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1		
target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32.value	192.789993		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2440166400	2440166400	✓
ATerm_Cnt_M_Igc	1	1	✓
CTermIgnOffTimer_mS_M_u32	2440166400	2440166400	✓
CTermIgnOnTimer_mS_M_u32	2440166400	2440166400	✓
CTermVehSpdInvalidTimer_mS_M_u32	2440166400	2440166400	✓
CTerm_Cnt_M_Igc	0	0	✓
RampStatus_Cnt_M_u08	2	2	✓
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00120000006	0.00120000006 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✓

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 2.8 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	3678216192
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	1966689280
CTermIgnOnTimer_mS_M_u32	3647101440
CTermVehSpdInvalidTimer_mS_M_u32	2538649600
CTerm_Cnt_M_Igc	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	18625
k_CTermIgnOffTimeout_mS_u16	21778
k_CTermIgnOnTimeout_mS_u16	57522
k_CTermVehSpdInvalidTimeout_mS_u16	35608
k_RampDnRt_UlspmS_f32	0.00039999999
k_RampUpRtLoSpd_UlspmS_f32	0.00400000019
k_STTdEntryThresh_Kph_f32	169.929993
k_STTdExitThresh_Kph_f32	165.960007
k_STTdRampDownRate_UlspmS_f32	0.000709999993
k_STTdRampUpRate_UlspmS_f32	0.00109999999
k_VehSpdThresh_Kph_f32	115.830002
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	13713
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	1647890176
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0
target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0

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Name	Input Value		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.597000003		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	205.729996		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1647890176	1647890176	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	1647890176	1647890176	✓
CTermIgnOnTimer_mS_M_u32	1647890176	1647890176	✓
CTermVehSpdInvalidTimer_mS_M_u32	1647890176	1647890176	✓
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	0.00400000019	0.00400000019 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓



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VehPwrMd\_Per1

## Test Step 2.9 (Repeat Count = 1) ✓

Name	Input Value
ATermTimer_mS_M_u32	241656576
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	3089293056
CTermIgnOnTimer_mS_M_u32	1231009024
CTermVehSpdInvalidTimer_mS_M_u32	1183619840
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	21146
k_CTermIgnOffTimeout_mS_u16	34014
k_CTermIgnOnTimeout_mS_u16	5751
k_CTermVehSpdInvalidTimeout_mS_u16	26366
k_RampDnRt_UlspmS_f32	0.00260000001
k_RampUpRtLoSpd_UlspmS_f32	0.000500000024
k_STTdEntryThresh_Kph_f32	131.449997
k_STTdExitThresh_Kph_f32	143.570007
k_STTdRampDownRate_UlspmS_f32	0.000950000016
k_STTdRampUpRate_UlspmS_f32	0.000230000005
k_VehSpdThresh_Kph_f32	87.4000015
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	20501
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	1190155776
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_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_DmdDelestDA_Cnt_u08.value	0
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.280999988
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	0
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1190155776	1190155776	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	1190155776	1190155776	✓
CTermIgnOnTimer_mS_M_u32	1190155776	1190155776	✓
CTermVehSpdInvalidTimer_mS_M_u32	1190155776	1190155776	✓
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	0	0	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00260000001	0.00260000001 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✓

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.10 (Repeat Count = 1) ✓

Name	Input Value
ATermTimer_mS_M_u32	3853818368
ATerm_Cnt_M_lgc	0

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Name	Input Value		
CTermIgnOffTimer_mS_M_u32	1097999872		
CTermIgnOnTimer_mS_M_u32	882091008		
CTermVehSpdInvalidTimer_mS_M_u32	2015687168		
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	29402		
k_CTermIgnOffTimeout_mS_u16	46695		
k_CTermIgnOnTimeout_mS_u16	17460		
k_CTermVehSpdInvalidTimeout_mS_u16	17270		
k_RampDnRt_UlspmS_f32	0.00380000006		
k_RampUpRtLoSpd_UlspmS_f32	0.00400000019		
k_STTdEntryThresh_Kph_f32	99.2099991		
k_STTdExitThresh_Kph_f32	30.1599998		
k_STTD RampDownRate_UlspmS_f32	0.00118999998		
k_STTD RampUpRate_UlspmS_f32	0.000469999999		
k_VehSpdThresh_Kph_f32	226.429993		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	56999		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	3282419968		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.109999999		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	512		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3282419968	3282419968	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3282419968	3282419968	✔
CTermIgnOnTimer_mS_M_u32	3282419968	3282419968	✔
CTermVehSpdInvalidTimer_mS_M_u32	3282419968	3282419968	✔
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	0.00400000019	0.00400000019 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 2.11 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	1030288640
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	3747631360
CTermIgnOnTimer_mS_M_u32	1903417088
CTermVehSpdInvalidTimer_mS_M_u32	1433922816
CTerm_Cnt_M_lgc	1

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Name	Input Value		
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	34999		
k_CTermIgnOffTimeout_mS_u16	36617		
k_CTermIgnOnTimeout_mS_u16	32216		
k_CTermVehSpdInvalidTimeout_mS_u16	3466		
k_RampDnRt_UlspmS_f32	0.00449999981		
k_RampUpRtLoSpd_UlspmS_f32	0.00319999992		
k_STTEntryThresh_Kph_f32	175.029999		
k_STTExitThresh_Kph_f32	64.1299973		
k_STTdRampDownRate_UlspmS_f32	0.00142999995		
k_STTdRampUpRate_UlspmS_f32	0.000500000024		
k_VehSpdThresh_Kph_f32	144.119995		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	2205		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	1022459904		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc		
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc		
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_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0500999987		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	66.1100006		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1022459904	1022459904	✔
ATerm_Cnt_M_Igc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3747631360	3747631360	✔
CTermIgnOnTimer_mS_M_u32	1022459904	1022459904	✔
CTermVehSpdInvalidTimer_mS_M_u32	1022459904	1022459904	✔
CTerm_Cnt_M_Igc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00319999992	0.00319999992 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.12 (Repeat Count = 1)

Name	Input Value
ATermTimer_mS_M_u32	225960960
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	3355561984
CTermIgnOnTimer_mS_M_u32	2942254592
CTermVehSpdInvalidTimer_mS_M_u32	3609918464
CTerm_Cnt_M_Igc	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

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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		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0		
k_ATermTimeout_mS_u16	21323		
k_CTermIgnOffTimeout_mS_u16	44398		
k_CTermIgnOnTimeout_mS_u16	63578		
k_CTermVehSpdInvalidTimeout_mS_u16	32987		
k_RampDnRt_UlspmS_f32	0.00142999995		
k_RampUpRtLoSpd_UlspmS_f32	0.00120000006		
k_STTdEntryThresh_Kph_f32	122.220001		
k_STTdExitThresh_Kph_f32	97.0199966		
k_STTdRampDownRate_UlspmS_f32	0.00167000003		
k_STTdRampUpRate_UlspmS_f32	0.00400000019		
k_VehSpdThresh_Kph_f32	202.679993		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	47543		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	6792355		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc		
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.785000026		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1		
target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32.value	335.190002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	6792355	6792355	✔
ATerm_Cnt_M_Igc	1	1	✔
CTermIgnOffTimer_mS_M_u32	6792355	6792355	✔
CTermIgnOnTimer_mS_M_u32	6792355	6792355	✔
CTermVehSpdInvalidTimer_mS_M_u32	6792355	6792355	✔
CTerm_Cnt_M_Igc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00120000006	0.00120000006 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 2.13 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	3351713536
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	1993954048
CTermIgnOnTimer_mS_M_u32	1207503104
CTermVehSpdInvalidTimer_mS_M_u32	3037581056
CTerm_Cnt_M_Igc	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	32525

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Name	Input Value
k_CTermIgnOffTimeout_mS_u16	35162
k_CTermIgnOnTimeout_mS_u16	49808
k_CTermVehSpdInvalidTimeout_mS_u16	57922
k_RampDnRt_UlspmS_f32	0.00167000003
k_RampUpRtLoSpd_UlspmS_f32	0.000399999999
k_STTdEntryThresh_Kph_f32	188.649994
k_STTdExitThresh_Kph_f32	153.949997
k_STTdRampDownRate_UlspmS_f32	0.00190999999
k_STTdRampUpRate_UlspmS_f32	0.00319999992
k_VehSpdThresh_Kph_f32	192.160004
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	2421
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2314
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0907000005
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	447.480011
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2314	2314	✓
ATerm_Cnt_M_Igc	1	1	✓
CTermIgnOffTimer_mS_M_u32	2314	2314	✓
CTermIgnOnTimer_mS_M_u32	2314	2314	✓
CTermVehSpdInvalidTimer_mS_M_u32	3037581056	3037581056	✓
CTerm_Cnt_M_Igc	1	1	✓
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000399999999	0.000399999999 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.14 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	157646336
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	538888704
CTermIgnOnTimer_mS_M_u32	4145522688
CTermVehSpdInvalidTimer_mS_M_u32	3799078400
CTerm_Cnt_M_Igc	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	18770
k_CTermIgnOffTimeout_mS_u16	49220
k_CTermIgnOnTimeout_mS_u16	42680
k_CTermVehSpdInvalidTimeout_mS_u16	64505

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Name	Input Value		
k_RampDnRt_UlspmS_f32	0.00190999999		
k_RampUpRtLoSpd_UlspmS_f32	0.00260000001		
k_STTEntryThresh_Kph_f32	249.410004		
k_STTExitThresh_Kph_f32	140.339996		
k_STTdRampDownRate_UlspmS_f32	0.00215000007		
k_STTdRampUpRate_UlspmS_f32	0.00120000006		
k_VehSpdThresh_Kph_f32	160.190002		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	8470		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	75451		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0965000018		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	339.570007		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	75451	75451	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	75451	75451	✔
CTermIgnOnTimer_mS_M_u32	75451	75451	✔
CTermVehSpdInvalidTimer_mS_M_u32	75451	75451	✔
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	0.002600000001	0.002600000001 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 2.15 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	585517312
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	854222080
CTermIgnOnTimer_mS_M_u32	787991296
CTermVehSpdInvalidTimer_mS_M_u32	891470080
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	12768
k_CTermIgnOffTimeout_mS_u16	27521
k_CTermIgnOnTimeout_mS_u16	25053
k_CTermVehSpdInvalidTimeout_mS_u16	42257
k_RampDnRt_UlspmS_f32	0.00215000007
k_RampUpRtLoSpd_UlspmS_f32	0.00334999999
k_STTEntryThresh_Kph_f32	102.989998
k_STTExitThresh_Kph_f32	141.669998

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Name	Input Value
k_STTdRampDownRate_UlspmS_f32	0.00239000004
k_STTdRampUpRate_UlspmS_f32	0.000399999999
k_VehSpdThresh_Kph_f32	174.660004
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	13728
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	33787
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.102300003
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	494.899994
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	33787	33787	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	33787	33787	✓
CTermIgnOnTimer_mS_M_u32	33787	33787	✓
CTermVehSpdInvalidTimer_mS_M_u32	891470080	891470080	✓
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	0.0033499999	0.0033499999 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
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	2874140672
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	1051956224
CTermIgnOnTimer_mS_M_u32	2812502528
CTermVehSpdInvalidTimer_mS_M_u32	477790208
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	4642
k_CTermIgnOffTimeout_mS_u16	27094
k_CTermIgnOnTimeout_mS_u16	27034
k_CTermVehSpdInvalidTimeout_mS_u16	46871
k_RampDnRt_UlspmS_f32	0.00239000004
k_RampUpRtLoSpd_UlspmS_f32	0.00270999991
k_STTdEntryThresh_Kph_f32	34.6500015
k_STTdExitThresh_Kph_f32	240.220001
k_STTdRampDownRate_UlspmS_f32	0.00263
k_STTdRampUpRate_UlspmS_f32	0.00260000001
k_VehSpdThresh_Kph_f32	167.610001



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Name	Input Value		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	38332		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	875454		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrIComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.342000008		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32.value	344.829987		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	875454	875454	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIlgnOffTimer_mS_M_u32	875454	875454	✔
CTermIlgnOnTimer_mS_M_u32	875454	875454	✔
CTermVehSpdInvalidTimer_mS_M_u32	875454	875454	✔
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	0.00270999991	0.00270999991 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 2.17 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	1129253632
ATerm_Cnt_M_lgc	0
CTermIlgOffTimer_mS_M_u32	4275308288
CTermIlgOnTimer_mS_M_u32	213687552
CTermVehSpdInvalidTimer_mS_M_u32	2016363264
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	21400
k_CTermIlgOffTimeout_mS_u16	40627
k_CTermIlgOnTimeout_mS_u16	22238
k_CTermVehSpdInvalidTimeout_mS_u16	35105
k_RampDnRt_UlspmS_f32	0.00263
k_RampUpRtLoSpd_UlspmS_f32	0.00255000009
k_STTdEntryThresh_Kph_f32	146.419998
k_STTdExitThresh_Kph_f32	196.919998
k_STTdRampDownRate_UlspmS_f32	0.00286999997
k_STTdRampUpRate_UlspmS_f32	0.00380000006
k_VehSpdThresh_Kph_f32	191.669998
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	35893
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	22238
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc



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Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc		
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.363999993		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1		
target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32.value	489.200012		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	22238	22238	✔
ATerm_Cnt_M_Igc	1	1	✔
CTermIgnOffTimer_mS_M_u32	22238	22238	✔
CTermIgnOnTimer_mS_M_u32	22238	22238	✔
CTermVehSpdInvalidTimer_mS_M_u32	22238	22238	✔
CTerm_Cnt_M_Igc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00255000009	0.00255000009 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 2.18 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	3617432064
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	67022336
CTermIgnOnTimer_mS_M_u32	3759991808
CTermVehSpdInvalidTimer_mS_M_u32	534575616
CTerm_Cnt_M_Igc	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	55425
k_CTermIgnOffTimeout_mS_u16	57478
k_CTermIgnOnTimeout_mS_u16	29087
k_CTermVehSpdInvalidTimeout_mS_u16	27310
k_RampDnRt_UlspmS_f32	0.00319000008
k_RampUpRtLoSpd_UlspmS_f32	0.00239000004
k_STTdEntryThresh_Kph_f32	74.9199982
k_STTdExitThresh_Kph_f32	193.75
k_STTdRampDownRate_UlspmS_f32	0.00310999993
k_STTdRampUpRate_UlspmS_f32	0.00449999981
k_VehSpdThresh_Kph_f32	30.7299995
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	37991
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	29087
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc

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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_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_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.386000007		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	37.7700005		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	29087	29087	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	29087	29087	✔
CTermIgnOnTimer_mS_M_u32	29087	29087	✔
CTermVehSpdInvalidTimer_mS_M_u32	29087	29087	✔
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	0.00239000004	0.00239000004 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.19 (Repeat Count = 1)

Name	Input Value
ATermTimer_mS_M_u32	902683904
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	1406843136
CTermIgnOnTimer_mS_M_u32	234356480
CTermVehSpdInvalidTimer_mS_M_u32	678417664
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	40418
k_CTermIgnOffTimeout_mS_u16	10697
k_CTermIgnOnTimeout_mS_u16	43448
k_CTermVehSpdInvalidTimeout_mS_u16	28420
k_RampDnRt_UlspmS_f32	0.000630000024
k_RampUpRtLoSpd_UlspmS_f32	0.00462999986
k_STTdEntryThresh_Kph_f32	58.0299988
k_STTdExitThresh_Kph_f32	10.4899988
k_STTdRampDownRate_UlspmS_f32	0.0033499999
k_STTdRampUpRate_UlspmS_f32	0.0037
k_VehSpdThresh_Kph_f32	151.839996
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	15454
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	43448
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc

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VehPwrMd\_Per1

Name	Input Value		
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_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.407999992		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	150.460007		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value			
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	43448	43448	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	43448	43448	✔
CTermIgnOnTimer_mS_M_u32	43448	43448	✔
CTermVehSpdInvalidTimer_mS_M_u32	43448	43448	✔
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	0.0037	0.0037 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 2.20 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	971582464
ATerm_Cnt_M_Igc	0
CTermIgnOffTimer_mS_M_u32	3056769024
CTermIgnOnTimer_mS_M_u32	2087896576
CTermVehSpdInvalidTimer_mS_M_u32	2145600512
CTerm_Cnt_M_Igc	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	49514
k_CTermIgnOffTimeout_mS_u16	4556
k_CTermIgnOnTimeout_mS_u16	55384
k_CTermVehSpdInvalidTimeout_mS_u16	22285
k_RampDnRt_UlspmS_f32	0.000469999999
k_RampUpRtLoSpd_UlspmS_f32	0.00206999993
k_STTdEntryThresh_Kph_f32	146.869995
k_STTdExitThresh_Kph_f32	98.5800018
k_STTdRampDownRate_UlspmS_f32	0.00359000009
k_STTdRampUpRate_UlspmS_f32	0.00240000011
k_VehSpdThresh_Kph_f32	125.269997
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	24504
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	55384
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc
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_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc.value	1

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VehPwrMd\_Per1

Name	Input Value		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.430000007		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	298.809998		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	55384	55384	✓
ATerm_Cnt_M_Igc	1	1	✓
CTermIgnOffTimer_mS_M_u32	55384	55384	✓
CTermIgnOnTimer_mS_M_u32	55384	55384	✓
CTermVehSpdInvalidTimer_mS_M_u32	55384	55384	✓
CTerm_Cnt_M_Igc	1	1	✓
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00206999993	0.00206999993 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 2.21 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	2173910784
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	1231485696
CTermIgnOnTimer_mS_M_u32	2027843840
CTermVehSpdInvalidTimer_mS_M_u32	3590649600
CTerm_Cnt_M_Igc	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	43983
k_CTermIgnOffTimeout_mS_u16	15968
k_CTermIgnOnTimeout_mS_u16	30644
k_CTermVehSpdInvalidTimeout_mS_u16	61390
k_RampDnRt_UlspmS_f32	0.000310000003
k_RampUpRtLoSpd_UlspmS_f32	0.00190999999
k_STTdEntryThresh_Kph_f32	197.830002
k_STTdExitThresh_Kph_f32	243.429993
k_STTdRampDownRate_UlspmS_f32	0.00383000006
k_STTdRampUpRate_UlspmS_f32	0.00109999999
k_VehSpdThresh_Kph_f32	91.0800018
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	25510
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	30644
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc
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_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.939999998
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	414.450012

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VehPwrMd\_Per1

Name	Input Value		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	30644	30644	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	30644	30644	✓
CTermIgnOnTimer_mS_M_u32	30644	30644	✓
CTermVehSpdInvalidTimer_mS_M_u32	30644	30644	✓
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	0.00190999999	0.00190999999 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 2.22 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	2661352960			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	1360384512			
CTermIgnOnTimer_mS_M_u32	470249472			
CTermVehSpdInvalidTimer_mS_M_u32	2922110464			
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	56747			
k_CTermIgnOffTimeout_mS_u16	31442			
k_CTermIgnOnTimeout_mS_u16	2029			
k_CTermVehSpdInvalidTimeout_mS_u16	41719			
k_RampDnRt_UlspmS_f32	0.0037			
k_RampUpRtLoSpd_UlspmS_f32	0.000630000024			
k_STTEntryThresh_Kph_f32	100.5			
k_STTExitThresh_Kph_f32	229.550003			
k_STTdRampDownRate_UlspmS_f32	0.00406999979			
k_STTdRampUpRate_UlspmS_f32	0.000230000005			
k_VehSpdThresh_Kph_f32	135.339996			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	64998			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2029			
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc			
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	1			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.879999995			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	20.6800003			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	2029	2029	✓	
ATerm_Cnt_M_lgc	1	1	✓	

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Name	Actual Value	Expected Value	Result
CTermIgnOffTimer_ms_M_u32	2029	2029	✓
CTermIgnOnTimer_ms_M_u32	2029	2029	✓
CTermVehSpdInvalidTimer_ms_M_u32	2029	2029	✓
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	0.000230000005	0.000230000005 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 2.23 (Repeat Count = 1)	
Name	Input Value
ATermTimer_ms_M_u32	2605953280
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_ms_M_u32	639978752
CTermIgnOnTimer_ms_M_u32	424178432
CTermVehSpdInvalidTimer_ms_M_u32	3323144448
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	42227
k_CTermIgnOffTimeout_ms_u16	12022
k_CTermIgnOnTimeout_ms_u16	15454
k_CTermVehSpdInvalidTimeout_ms_u16	49463
k_RampDnRt_UlspmS_f32	0.00240000011
k_RampUpRtLoSpd_UlspmS_f32	0.000469999999
k_STTdEntryThresh_Kph_f32	17.8299999
k_STTdExitThresh_Kph_f32	209.169998
k_STTdRampDownRate_UlspmS_f32	0.00431000022
k_STTdRampUpRate_UlspmS_f32	0.000469999999
k_VehSpdThresh_Kph_f32	97.5500031
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_ms_u16_Elapse	27906
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_ms_u32_CurrentTi	15454
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00600000005
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	28.0300007
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_ms_M_u32	2605953280	2605953280	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_ms_M_u32	639978752	639978752	✓
CTermIgnOnTimer_ms_M_u32	15454	15454	✓
CTermVehSpdInvalidTimer_ms_M_u32	15454	15454	✓
CTerm_Cnt_M_lgc	0	0	✓



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Name	Actual Value	Expected Value	Result
RampStatus_Cnt_M_u08	1	1	✓
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00240000011	0.00240000011 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✓

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	✓

## Test Step 2.24 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	430419968		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	1386404864		
CTermIgnOnTimer_mS_M_u32	1565616640		
CTermVehSpdInvalidTimer_mS_M_u32	222906368		
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	43143		
k_CTermIgnOffTimeout_mS_u16	50710		
k_CTermIgnOnTimeout_mS_u16	24504		
k_CTermVehSpdInvalidTimeout_mS_u16	44867		
k_RampDnRt_UlspmS_f32	0.001099999999		
k_RampUpRtLoSpd_UlspmS_f32	9.99999975e-005		
k_STTdEntryThresh_Kph_f32	221.759995		
k_STTdExitThresh_Kph_f32	184.350006		
k_STTdRampDownRate_UlspmS_f32	0.00455000019		
k_STTdRampUpRate_UlspmS_f32	0.000709999993		
k_VehSpdThresh_Kph_f32	165.960007		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	54812		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	24504		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00800000038		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	289.48999		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	24504	24504	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	24504	24504	✔
CTermIgnOnTimer_mS_M_u32	24504	24504	✔
CTermVehSpdInvalidTimer_mS_M_u32	24504	24504	✔
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	✔

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Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.25 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	4050105088		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	2049322752		
CTermIgnOnTimer_mS_M_u32	231900416		
CTermVehSpdInvalidTimer_mS_M_u32	987949824		
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	16775		
k_CTermIgnOffTimeout_mS_u16	5650		
k_CTermIgnOnTimeout_mS_u16	25510		
k_CTermVehSpdInvalidTimeout_mS_u16	15037		
k_RampDnRt_UlspmS_f32	0.00260000001		
k_RampUpRtLoSpd_UlspmS_f32	0.00499999989		
k_STTdEntryThresh_Kph_f32	174.199997		
k_STTdExitThresh_Kph_f32	52.6800003		
k_STTdRampDownRate_UlspmS_f32	0.00479000015		
k_STTdRampUpRate_UlspmS_f32	0.000950000016		
k_VehSpdThresh_Kph_f32	143.570007		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	10121		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	25510		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00999999978		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	161.5		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	25510	25510	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	25510	25510	✔
CTermIgnOnTimer_mS_M_u32	25510	25510	✔
CTermVehSpdInvalidTimer_mS_M_u32	25510	25510	✔
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	0.00499999989	0.00499999989 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔



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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.26 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	1643358720		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	3970446848		
CTermIgnOnTimer_mS_M_u32	4135269376		
CTermVehSpdInvalidTimer_mS_M_u32	2556559872		
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	31573		
k_CTermIgnOffTimeout_mS_u16	22027		
k_CTermIgnOnTimeout_mS_u16	64998		
k_CTermVehSpdInvalidTimeout_mS_u16	1914		
k_RampDnRt_UlspmS_f32	0.002499999994		
k_RampUpRtLoSpd_UlspmS_f32	0.002400000011		
k_STTdEntryThresh_Kph_f32	144.179993		
k_STTdExitThresh_Kph_f32	154.110001		
k_STTdRampDownRate_UlspmS_f32	0.00462999986		
k_STTdRampUpRate_UlspmS_f32	0.00118999998		
k_VehSpdThresh_Kph_f32	30.1599998		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	32015		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTim	64998		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0120000001		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	211.539993		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	64998	64998	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	64998	64998	✔
CTermIgnOnTimer_mS_M_u32	64998	64998	✔
CTermVehSpdInvalidTimer_mS_M_u32	64998	64998	✔
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	0.002400000011	0.002400000011 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.27 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	1491846400		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	167649536		
CTermIgnOnTimer_mS_M_u32	4261226240		
CTermVehSpdInvalidTimer_mS_M_u32	4244684032		
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	61318		
k_CTermIgnOffTimeout_mS_u16	46683		
k_CTermIgnOnTimeout_mS_u16	27906		
k_CTermVehSpdInvalidTimeout_mS_u16	959		
k_RampDnRt_UlspmS_f32	9.99999975e-005		
k_RampUpRtLoSpd_UlspmS_f32	0.00109999999		
k_STTdEntryThresh_Kph_f32	32.3699989		
k_STTdExitThresh_Kph_f32	138.539993		
k_STTdRampDownRate_UlspmS_f32	0.00447000004		
k_STTdRampUpRate_UlspmS_f32	0.00142999995		
k_VehSpdThresh_Kph_f32	64.1299973		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	53016		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTim	27906		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0140000004		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	261.649994		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	27906	27906	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	27906	27906	✔
CTermIgnOnTimer_mS_M_u32	27906	27906	✔
CTermVehSpdInvalidTimer_mS_M_u32	27906	27906	✔
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	0.00109999999	0.00109999999 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.28 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	170882048		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	3278397440		
CTermIgnOnTimer_mS_M_u32	2466467328		
CTermVehSpdInvalidTimer_mS_M_u32	3352333312		
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	40478		
k_CTermIgnOffTimeout_mS_u16	9399		
k_CTermIgnOnTimeout_mS_u16	54812		
k_CTermVehSpdInvalidTimeout_mS_u16	55163		
k_RampDnRt_UlspmS_f32	0.004999999989		
k_RampUpRtLoSpd_UlspmS_f32	0.0002300000005		
k_STTdEntryThresh_Kph_f32	61.4799995		
k_STTdExitThresh_Kph_f32	71.0500031		
k_STTdRampDownRate_UlspmS_f32	0.00431000022		
k_STTdRampUpRate_UlspmS_f32	0.00167000003		
k_VehSpdThresh_Kph_f32	97.0199966		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	20778		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	54812		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0160000008		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	121.540001		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	54812	54812	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	54812	54812	✔
CTermIgnOnTimer_mS_M_u32	54812	54812	✔
CTermVehSpdInvalidTimer_mS_M_u32	54812	54812	✔
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	0.00167000003	0.00167000003 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.29 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	3823134464		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	317039360		
CTermIgnOnTimer_mS_M_u32	21813504		
CTermVehSpdInvalidTimer_mS_M_u32	761077504		
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	8402		
k_CTermIgnOffTimeout_mS_u16	23486		
k_CTermIgnOnTimeout_mS_u16	10121		
k_CTermVehSpdInvalidTimeout_mS_u16	12962		
k_RampDnRt_UlspmS_f32	0.0037		
k_RampUpRtLoSpd_UlspmS_f32	0.000469999999		
k_STTdEntryThresh_Kph_f32	45.1300011		
k_STTdExitThresh_Kph_f32	152.119995		
k_STTdRampDownRate_UlspmS_f32	0.00414999994		
k_STTdRampUpRate_UlspmS_f32	0.00190999999		
k_VehSpdThresh_Kph_f32	153.949997		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	4719		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	10121		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0179999992		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	474.76001		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	10121	10121	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	10121	10121	✔
CTermIgnOnTimer_mS_M_u32	10121	10121	✔
CTermVehSpdInvalidTimer_mS_M_u32	10121	10121	✔
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	0.000469999999	0.000469999999 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.30 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	2119798272		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	2704923136		
CTermIgnOnTimer_mS_M_u32	2656843776		
CTermVehSpdInvalidTimer_mS_M_u32	2596496896		
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	0		
k_CTermIgnOffTimeout_mS_u16	41045		
k_CTermIgnOnTimeout_mS_u16	32015		
k_CTermVehSpdInvalidTimeout_mS_u16	3610		
k_RampDnRt_UlspmS_f32	0.00240000011		
k_RampUpRtLoSpd_UlspmS_f32	0.000500000024		
k_STTdEntryThresh_Kph_f32	121.209999		
k_STTdExitThresh_Kph_f32	129.089996		
k_STTdRampDownRate_UlspmS_f32	0.00399000011		
k_STTdRampUpRate_UlspmS_f32	0.00215000007		
k_VehSpdThresh_Kph_f32	140.339996		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	59435		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	222906368		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0199999996		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	132.100006		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2119798272	2119798272	✔
ATerm_Cnt_M_lgc	0	0	✔
CTermIgnOffTimer_mS_M_u32	222906368	222906368	✔
CTermIgnOnTimer_mS_M_u32	222906368	222906368	✔
CTermVehSpdInvalidTimer_mS_M_u32	222906368	222906368	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	1	1	✔
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	0.00240000011	0.00240000011 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.31 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	1749686528		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	2950247680		
CTermIgnOnTimer_mS_M_u32	3211401984		
CTermVehSpdInvalidTimer_mS_M_u32	2825687296		
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	65535		
k_CTermIgnOffTimeout_mS_u16	50572		
k_CTermIgnOnTimeout_mS_u16	53016		
k_CTermVehSpdInvalidTimeout_mS_u16	25839		
k_RampDnRt_UlspmS_f32	0.00109999999		
k_RampUpRtLoSpd_UlspmS_f32	0.00400000019		
k_STTdEntryThresh_Kph_f32	115.830002		
k_STTdExitThresh_Kph_f32	225.669998		
k_STTdRampDownRate_UlspmS_f32	0.00383000006		
k_STTdRampUpRate_UlspmS_f32	0.00239000004		
k_VehSpdThresh_Kph_f32	141.669998		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	19028		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	987949824		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0219999999		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	131.279999		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1749686528	1749686528	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	987949824	987949824	✔
CTermIgnOnTimer_mS_M_u32	987949824	987949824	✔
CTermVehSpdInvalidTimer_mS_M_u32	987949824	987949824	✔
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	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00109999999	0.00109999999 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
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	3999561728		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	3341231104		
CTermIgnOnTimer_mS_M_u32	1670148608		
CTermVehSpdInvalidTimer_mS_M_u32	3990687744		
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	52242		
k_CTermIgnOffTimeout_mS_u16	27892		
k_CTermIgnOnTimeout_mS_u16	20778		
k_CTermVehSpdInvalidTimeout_mS_u16	38076		
k_RampDnRt_UlspmS_f32	0.000230000005		
k_RampUpRtLoSpd_UlspmS_f32	0.00319999992		
k_STTdEntryThresh_Kph_f32	87.4000015		
k_STTdExitThresh_Kph_f32	93.4599991		
k_STTdRampDownRate_UlspmS_f32	0.00367000001		
k_STTdRampUpRate_UlspmS_f32	0.00263		
k_VehSpdThresh_Kph_f32	240.220001		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	59845		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2556559872		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0240000002		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	366.529999		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3999561728	3999561728	✔
ATerm_Cnt_M_lgc	0	0	✔
CTermIgnOffTimer_mS_M_u32	2556559872	2556559872	✔
CTermIgnOnTimer_mS_M_u32	2556559872	2556559872	✔
CTermVehSpdInvalidTimer_mS_M_u32	2556559872	2556559872	✔
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	0.000230000005	0.000230000005 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✔



# TEST DETAILS REPORT

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VehPwrMd\_Per1

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.33 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	1079073536		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	1740199680		
CTermIgnOnTimer_mS_M_u32	2436984064		
CTermVehSpdInvalidTimer_mS_M_u32	2185728768		
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	23558		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	4719		
k_CTermVehSpdInvalidTimeout_mS_u16	39026		
k_RampDnRt_UlspmS_f32	0.000469999999		
k_RampUpRtLoSpd_UlspmS_f32	0.00120000006		
k_STTdEntryThresh_Kph_f32	226.429993		
k_STTdExitThresh_Kph_f32	65.4700012		
k_STTdRampDownRate_UlspmS_f32	0.00350999995		
k_STTdRampUpRate_UlspmS_f32	0.00286999997		
k_VehSpdThresh_Kph_f32	196.919998		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	27054		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	4244684032		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0260000005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	141.080002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4244684032	4244684032	✔
ATerm_Cnt_M_lgc	0	0	✔
CTermIgnOffTimer_mS_M_u32	1740199680	1740199680	✔
CTermIgnOnTimer_mS_M_u32	4244684032	4244684032	✔
CTermVehSpdInvalidTimer_mS_M_u32	4244684032	4244684032	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	1	1	✔
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	0.000469999999	0.000469999999 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✔



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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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.34 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	2379657728			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	3264134656			
CTermIgnOnTimer_mS_M_u32	701398016			
CTermVehSpdInvalidTimer_mS_M_u32	2262043136			
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	7286			
k_CTermIgnOffTimeout_mS_u16	65535			
k_CTermIgnOnTimeout_mS_u16	59435			
k_CTermVehSpdInvalidTimeout_mS_u16	17403			
k_RampDnRt_UlspmS_f32	0.000709999993			
k_RampUpRtLoSpd_UlspmS_f32	0.000399999999			
k_STTdEntryThresh_Kph_f32	144.119995			
k_STTdExitThresh_Kph_f32	255			
k_STTdRampDownRate_UlspmS_f32	0.0033499999			
k_STTdRampUpRate_UlspmS_f32	0.00310999993			
k_VehSpdThresh_Kph_f32	193.75			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	48958			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	3352333312			
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc			
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0280000009			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0			
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	96.4899979			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	3352333312	3352333312	✓	
ATerm_Cnt_M_lgc	1	1	✓	
CTermIgnOffTimer_mS_M_u32	3264134656	3264134656	✓	
CTermIgnOnTimer_mS_M_u32	3352333312	3352333312	✓	
CTermVehSpdInvalidTimer_mS_M_u32	3352333312	3352333312	✓	
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	0.000399999999	0.000399999999 ± 0.00156	✓	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓	

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
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	191016192		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	745179392		
CTermIgnOnTimer_mS_M_u32	2871217920		
CTermVehSpdInvalidTimer_mS_M_u32	1674224896		
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	47683		
k_CTermIgnOffTimeout_mS_u16	31476		
k_CTermIgnOnTimeout_mS_u16	19028		
k_CTermVehSpdInvalidTimeout_mS_u16	52571		
k_RampDnRt_UlspmS_f32	0.000950000016		
k_RampUpRtLoSpd_UlspmS_f32	0.00260000001		
k_STTdEntryThresh_Kph_f32	202.679993		
k_STTdExitThresh_Kph_f32	55.9000015		
k_STTdRampDownRate_UlspmS_f32	0.00319000008		
k_STTdRampUpRate_UlspmS_f32	0.0033499999		
k_VehSpdThresh_Kph_f32	10.4899998		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	28331		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	761077504		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0299999993		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	9.28999996		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	761077504	761077504	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	745179392	745179392	✔
CTermIgnOnTimer_mS_M_u32	761077504	761077504	✔
CTermVehSpdInvalidTimer_mS_M_u32	761077504	761077504	✔
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	0.00260000001	0.00260000001 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.36 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	3496655872		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	4022544384		
CTermIgnOnTimer_mS_M_u32	909170176		
CTermVehSpdInvalidTimer_mS_M_u32	2098385920		
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	45959		
k_CTermIgnOffTimeout_mS_u16	58191		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	32071		
k_RampDnRt_UlspmS_f32	0.00118999998		
k_RampUpRtLoSpd_UlspmS_f32	0.00380000006		
k_STTdEntryThresh_Kph_f32	192.160004		
k_STTdExitThresh_Kph_f32	39.5800018		
k_STTdRampDownRate_UlspmS_f32	0.00303000002		
k_STTdRampUpRate_UlspmS_f32	0.00359000009		
k_VehSpdThresh_Kph_f32	198.580002		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	49169		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2596496896		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0320000015		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	158.240005		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2596496896	2596496896	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2596496896	2596496896	✔
CTermIgnOnTimer_mS_M_u32	909170176	909170176	✔
CTermVehSpdInvalidTimer_mS_M_u32	2596496896	2596496896	✔
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	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00118999998	0.00118999998 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✔

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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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.37 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	2018414336			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	1391807232			
CTermIgnOnTimer_mS_M_u32	2548318464			
CTermVehSpdInvalidTimer_mS_M_u32	3501606656			
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	65462			
k_CTermIgnOffTimeout_mS_u16	27158			
k_CTermIgnOnTimeout_mS_u16	65535			
k_CTermVehSpdInvalidTimeout_mS_u16	47456			
k_RampDnRt_UlspmS_f32	0.00142999995			
k_RampUpRtLoSpd_UlspmS_f32	0.00449999981			
k_STTdEntryThresh_Kph_f32	160.190002			
k_STTdExitThresh_Kph_f32	188.660004			
k_STTdRampDownRate_UlspmS_f32	0.00286999997			
k_STTdRampUpRate_UlspmS_f32	0.00383000006			
k_VehSpdThresh_Kph_f32	243.429993			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	23769			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2825687296			
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc			
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0340000018			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	188.809998			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	2825687296	2825687296	✓	
ATerm_Cnt_M_lgc	1	1	✓	
CTermIgnOffTimer_mS_M_u32	2825687296	2825687296	✓	
CTermIgnOnTimer_mS_M_u32	2548318464	2548318464	✓	
CTermVehSpdInvalidTimer_mS_M_u32	2825687296	2825687296	✓	
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	0.00383000006	0.00383000006 ± 0.00156	✓	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓	

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.38 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	2343507456		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	296411648		
CTermIgnOnTimer_mS_M_u32	3660972032		
CTermVehSpdInvalidTimer_mS_M_u32	3881299456		
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	25397		
k_CTermIgnOffTimeout_mS_u16	5870		
k_CTermIgnOnTimeout_mS_u16	4268		
k_CTermVehSpdInvalidTimeout_mS_u16	37250		
k_RampDnRt_UlspmS_f32	0.00167000003		
k_RampUpRtLoSpd_UlspmS_f32	0.0037		
k_STTdEntryThresh_Kph_f32	174.660004		
k_STTdExitThresh_Kph_f32	65.0800018		
k_STTdRampDownRate_UlspmS_f32	0.00270999991		
k_STTdRampUpRate_UlspmS_f32	0.00406999979		
k_VehSpdThresh_Kph_f32	229.550003		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	50060		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	3990687744		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0359999985		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	7.30000019		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3990687744	3990687744	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3990687744	3990687744	✔
CTermIgnOnTimer_mS_M_u32	3660972032	3660972032	✔
CTermVehSpdInvalidTimer_mS_M_u32	3990687744	3990687744	✔
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	0.00167000003	0.00167000003 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.39 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	1617527040		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	1285954816		
CTermIgnOnTimer_mS_M_u32	2365375232		
CTermVehSpdInvalidTimer_mS_M_u32	2664364288		
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	37013		
k_CTermIgnOffTimeout_mS_u16	64739		
k_CTermIgnOnTimeout_mS_u16	28331		
k_CTermVehSpdInvalidTimeout_mS_u16	0		
k_RampDnRt_UlspmS_f32	0.001909999999		
k_RampUpRtLoSpd_UlspmS_f32	0.00240000011		
k_STTdEntryThresh_Kph_f32	167.610001		
k_STTdExitThresh_Kph_f32	152.809998		
k_STTdRampDownRate_UlspmS_f32	0.00255000009		
k_STTdRampUpRate_UlspmS_f32	0.00431000022		
k_VehSpdThresh_Kph_f32	209.169998		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	35129		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2185728768		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.03799999988		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	151.160004		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1617527040	1617527040	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2185728768	2185728768	✔
CTermIgnOnTimer_mS_M_u32	2185728768	2185728768	✔
CTermVehSpdInvalidTimer_mS_M_u32	2664364288	2664364288	✔
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	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001909999999	0.001909999999 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
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	631652352		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	2791336960		
CTermIgnOnTimer_mS_M_u32	4151605760		
CTermVehSpdInvalidTimer_mS_M_u32	4132820992		
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	28898		
k_CTermIgnOffTimeout_mS_u16	30094		
k_CTermIgnOnTimeout_mS_u16	49169		
k_CTermVehSpdInvalidTimeout_mS_u16	65535		
k_RampDnRt_UlspmS_f32	0.00215000007		
k_RampUpRtLoSpd_UlspmS_f32	0.00109999999		
k_STTdEntryThresh_Kph_f32	191.669998		
k_STTdExitThresh_Kph_f32	210.679993		
k_STTdRampDownRate_UlspmS_f32	0.00239000004		
k_STTdRampUpRate_UlspmS_f32	0.00455000019		
k_VehSpdThresh_Kph_f32	184.350006		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	543		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2262043136		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0399999991		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	504.820007		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2262043136	2262043136	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2262043136	2262043136	✔
CTermIgnOnTimer_mS_M_u32	2262043136	2262043136	✔
CTermVehSpdInvalidTimer_mS_M_u32	4132820992	4132820992	✔
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	0.00109999999	0.00109999999 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔



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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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.41 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	3148612352			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	690847488			
CTermIgnOnTimer_mS_M_u32	1604932864			
CTermVehSpdInvalidTimer_mS_M_u32	637352704			
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	18103			
k_CTermIgnOffTimeout_mS_u16	48106			
k_CTermIgnOnTimeout_mS_u16	23769			
k_CTermVehSpdInvalidTimeout_mS_u16	17120			
k_RampDnRt_UlspmS_f32	0.00239000004			
k_RampUpRtLoSpd_UlspmS_f32	0.000230000005			
k_STTdEntryThresh_Kph_f32	30.7299995			
k_STTdExitThresh_Kph_f32	145.919998			
k_STTdRampDownRate_UlspmS_f32	0.00222999998			
k_STTdRampUpRate_UlspmS_f32	0.00479000015			
k_VehSpdThresh_Kph_f32	52.6800003			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	49544			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	1674224896			
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc			
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0419999994			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0			
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	390.540009			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	3148612352	3148612352	✓	
ATerm_Cnt_M_lgc	0	0	✓	
CTermIgnOffTimer_mS_M_u32	1674224896	1674224896	✓	
CTermIgnOnTimer_mS_M_u32	1674224896	1674224896	✓	
CTermVehSpdInvalidTimer_mS_M_u32	637352704	637352704	✓	
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	0.00239000004	0.00239000004 ± 0.00156	✓	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✓	



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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	✓

## Test Step 2.42 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	946256384		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	3771876864		
CTermIgnOnTimer_mS_M_u32	2687943680		
CTermVehSpdInvalidTimer_mS_M_u32	3830649344		
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	20740		
k_CTermIgnOffTimeout_mS_u16	18372		
k_CTermIgnOnTimeout_mS_u16	50060		
k_CTermVehSpdInvalidTimeout_mS_u16	48721		
k_RampDnRt_UlspmS_f32	0.00263		
k_RampUpRtLoSpd_UlspmS_f32	0.000469999999		
k_STTdEntryThresh_Kph_f32	0		
k_STTdExitThresh_Kph_f32	125.639999		
k_STTdRampDownRate_UlspmS_f32	0.00206999993		
k_STTdRampUpRate_UlspmS_f32	0.00462999986		
k_VehSpdThresh_Kph_f32	127.230003		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	29945		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2098385920		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	297.98999		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2098385920	2098385920	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2098385920	2098385920	✔
CTermIgnOnTimer_mS_M_u32	2098385920	2098385920	✔
CTermVehSpdInvalidTimer_mS_M_u32	2098385920	2098385920	✔
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	0.000469999999	0.000469999999 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.43 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	902993152		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	700444928		
CTermIgnOnTimer_mS_M_u32	587888384		
CTermVehSpdInvalidTimer_mS_M_u32	4050488576		
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	48825		
k_CTermIgnOffTimeout_mS_u16	14193		
k_CTermIgnOnTimeout_mS_u16	2127		
k_CTermVehSpdInvalidTimeout_mS_u16	29048		
k_RampDnRt_UlspmS_f32	0.00286999997		
k_RampUpRtLoSpd_UlspmS_f32	0.000709999993		
k_STTdEntryThresh_Kph_f32	255		
k_STTdExitThresh_Kph_f32	238.210007		
k_STTdRampDownRate_UlspmS_f32	0.00190999999		
k_STTdRampUpRate_UlspmS_f32	0.00447000004		
k_VehSpdThresh_Kph_f32	179.699997		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	13730		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	3501606656		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0460000001		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	310.709991		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3501606656	3501606656	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3501606656	3501606656	✔
CTermIgnOnTimer_mS_M_u32	3501606656	3501606656	✔
CTermVehSpdInvalidTimer_mS_M_u32	3501606656	3501606656	✔
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	0.000709999993	0.000709999993 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 2.44 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	1387987968			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	1868754944			
CTermIgnOnTimer_mS_M_u32	3172687360			
CTermVehSpdInvalidTimer_mS_M_u32	1640635392			
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	16326			
k_CTermIgnOffTimeout_mS_u16	40629			
k_CTermIgnOnTimeout_mS_u16	16243			
k_CTermVehSpdInvalidTimeout_mS_u16	55184			
k_RampDnRt_UlspmS_f32	0.00310999993			
k_RampUpRtLoSpd_UlspmS_f32	0.000950000016			
k_STTdEntryThresh_Kph_f32	85.0597534			
k_STTdExitThresh_Kph_f32	241.279999			
k_STTdRampDownRate_UlspmS_f32	0.00175000005			
k_STTdRampUpRate_UlspmS_f32	0.00431000022			
k_VehSpdThresh_Kph_f32	97.9700012			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	21171			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	3881299456			
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc			
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1			
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	137.509995			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	3881299456	3881299456	✓	
ATerm_Cnt_M_lgc	1	1	✓	
CTermIgnOffTimer_mS_M_u32	3881299456	3881299456	✓	
CTermIgnOnTimer_mS_M_u32	3881299456	3881299456	✓	
CTermVehSpdInvalidTimer_mS_M_u32	3881299456	3881299456	✓	
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	0.000950000016	0.000950000016 ± 0.00156	✓	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓	

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.45 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	1820178176		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	3979735808		
CTermIgnOnTimer_mS_M_u32	3074730240		
CTermVehSpdInvalidTimer_mS_M_u32	4189089536		
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	3612		
k_CTermIgnOffTimeout_mS_u16	62983		
k_CTermIgnOnTimeout_mS_u16	14789		
k_CTermVehSpdInvalidTimeout_mS_u16	22182		
k_RampDnRt_UlspmS_f32	0.0033499999		
k_RampUpRtLoSpd_UlspmS_f32	0.00118999998		
k_STTdEntryThresh_Kph_f32	240.630005		
k_STTdExitThresh_Kph_f32	0		
k_STTdRampDownRate_UlspmS_f32	0.00159		
k_STTdRampUpRate_UlspmS_f32	0.00414999994		
k_VehSpdThresh_Kph_f32	99.3600006		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	3675		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2664364288		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	9.99999975e-005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	260.690002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2664364288	2664364288	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2664364288	2664364288	✔
CTermIgnOnTimer_mS_M_u32	2664364288	2664364288	✔
CTermVehSpdInvalidTimer_mS_M_u32	2664364288	2664364288	✔
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	0.00414999994	0.00414999994 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 2.46 (Repeat Count = 1)			
Name	Input Value		
ATermTimer_mS_M_u32	3183582720		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	2005461504		
CTermIgnOnTimer_mS_M_u32	3753166848		
CTermVehSpdInvalidTimer_mS_M_u32	1728673280		
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	40614		
k_CTermIgnOffTimeout_mS_u16	47291		
k_CTermIgnOnTimeout_mS_u16	23450		
k_CTermVehSpdInvalidTimeout_mS_u16	13646		
k_RampDnRt_UlspmS_f32	0.00359000009		
k_RampUpRtLoSpd_UlspmS_f32	0.00142999995		
k_STTdEntryThresh_Kph_f32	15.9700003		
k_STTdExitThresh_Kph_f32	255		
k_STTdRampDownRate_UlspmS_f32	0.00142999995		
k_STTdRampUpRate_UlspmS_f32	0.00399000011		
k_VehSpdThresh_Kph_f32	100.75		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	29402		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	3612		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.680000007		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	407.119995		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3612	3612	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	3612	3612	✓
CTermIgnOnTimer_mS_M_u32	3612	3612	✓
CTermVehSpdInvalidTimer_mS_M_u32	3612	3612	✓
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	0.00399000011	0.00399000011 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.47 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	508684544		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	4247520512		
CTermIgnOnTimer_mS_M_u32	3516951296		
CTermVehSpdInvalidTimer_mS_M_u32	2950324480		
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()	4		
k_ATermTimeout_mS_u16	10851		
k_CTermIgnOffTimeout_mS_u16	50844		
k_CTermIgnOnTimeout_mS_u16	62390		
k_CTermVehSpdInvalidTimeout_mS_u16	13713		
k_RampDnRt_UlspmS_f32	0.00383000006		
k_RampUpRtLoSpd_UlspmS_f32	0.00167000003		
k_STTdEntryThresh_Kph_f32	11.8100004		
k_STTdExitThresh_Kph_f32	116.194687		
k_STTdRampDownRate_UlspmS_f32	0.00127000001		
k_STTdRampUpRate_UlspmS_f32	0.00383000006		
k_VehSpdThresh_Kph_f32	102.139999		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	34999		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	40614		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00600000005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	439.850006		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	40614	40614	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	40614	40614	✔
CTermIgnOnTimer_mS_M_u32	40614	40614	✔
CTermVehSpdInvalidTimer_mS_M_u32	40614	40614	✔
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	0.00383000006	0.00383000006 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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VehPwrMd\_Per1

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.48 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	946256384		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	3771876864		
CTermIgnOnTimer_mS_M_u32	2687943680		
CTermVehSpdInvalidTimer_mS_M_u32	3830649344		
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	20740		
k_CTermIgnOffTimeout_mS_u16	38372		
k_CTermIgnOnTimeout_mS_u16	50060		
k_CTermVehSpdInvalidTimeout_mS_u16	48721		
k_RampDnRt_UlspmS_f32	0.00406999979		
k_RampUpRtLoSpd_UlspmS_f32	0.00190999999		
k_STTdEntryThresh_Kph_f32	201.300003		
k_STTdExitThresh_Kph_f32	125.639999		
k_STTdRampDownRate_UlspmS_f32	9.99999975e-005		
k_STTdRampUpRate_UlspmS_f32	0.00462999986		
k_VehSpdThresh_Kph_f32	127.230003		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	29945		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	2098385920		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	97.9899979		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2098385920	2098385920	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2098385920	2098385920	✔
CTermIgnOnTimer_mS_M_u32	2098385920	2098385920	✔
CTermVehSpdInvalidTimer_mS_M_u32	2098385920	2098385920	✔
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 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.000061	✔



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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.49 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	3183582720		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	2005461504		
CTermIgnOnTimer_mS_M_u32	3753166848		
CTermVehSpdInvalidTimer_mS_M_u32	1728673280		
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	40614		
k_CTermIgnOffTimeout_mS_u16	47291		
k_CTermIgnOnTimeout_mS_u16	33450		
k_CTermVehSpdInvalidTimeout_mS_u16	13646		
k_RampDnRt_UlspmS_f32	0.00431000022		
k_RampUpRtLoSpd_UlspmS_f32	0.00215000007		
k_STTdEntryThresh_Kph_f32	196.970001		
k_STTdExitThresh_Kph_f32	255		
k_STTdRampDownRate_UlspmS_f32	0.00499999989		
k_STTdRampUpRate_UlspmS_f32	0.00399000011		
k_VehSpdThresh_Kph_f32	200.75		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	29402		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	3612		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.680000007		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	107.120003		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3612	3612	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3612	3612	✔
CTermIgnOnTimer_mS_M_u32	3612	3612	✔
CTermVehSpdInvalidTimer_mS_M_u32	3612	3612	✔
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	0.00499999989	0.00499999989 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.000061	✔



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VehPwrMd\_Per1

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.50 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	902993152		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	700444928		
CTermIgnOnTimer_mS_M_u32	587888384		
CTermVehSpdInvalidTimer_mS_M_u32	4050488576		
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	48825		
k_CTermIgnOffTimeout_mS_u16	14193		
k_CTermIgnOnTimeout_mS_u16	42127		
k_CTermVehSpdInvalidTimeout_mS_u16	29048		
k_RampDnRt_UlspmS_f32	0.00455000019		
k_RampUpRtLoSpd_UlspmS_f32	0.002390000004		
k_STTdEntryThresh_Kph_f32	255		
k_STTdExitThresh_Kph_f32	238.210007		
k_STTdRampDownRate_UlspmS_f32	0.002300000005		
k_STTdRampUpRate_UlspmS_f32	0.004470000004		
k_VehSpdThresh_Kph_f32	179.699997		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	13730		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	3501606656		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	10.71		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3501606656	3501606656	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3501606656	3501606656	✔
CTermIgnOnTimer_mS_M_u32	3501606656	3501606656	✔
CTermVehSpdInvalidTimer_mS_M_u32	3501606656	3501606656	✔
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	0.002300000005	0.002300000005 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.000061	✔

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VehPwrMd\_Per1

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.51 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	3302718720		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	882792704		
CTermIgnOnTimer_mS_M_u32	2538774272		
CTermVehSpdInvalidTimer_mS_M_u32	3196679424		
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	49544		
k_CTermIgnOffTimeout_mS_u16	44854		
k_CTermIgnOnTimeout_mS_u16	12692		
k_CTermVehSpdInvalidTimeout_mS_u16	47543		
k_RampDnRt_UlspmS_f32	0.00479000015		
k_RampUpRtLoSpd_UlspmS_f32	0.00263		
k_STTdEntryThresh_Kph_f32	161.720001		
k_STTdExitThresh_Kph_f32	109.089996		
k_STTdRampDownRate_UlspmS_f32	0.000630000024		
k_STTdRampUpRate_UlspmS_f32	9.99999975e-005		
k_VehSpdThresh_Kph_f32	216.149994		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	7917		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	543		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	9.99999975e-005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	237.639999		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	543	543	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	543	543	✔
CTermIgnOnTimer_mS_M_u32	543	543	✔
CTermVehSpdInvalidTimer_mS_M_u32	543	543	✔
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	9.99999975e-005	9.99999975e-005 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.52 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	1262504960		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	711440384		
CTermIgnOnTimer_mS_M_u32	316859904		
CTermVehSpdInvalidTimer_mS_M_u32	2887148544		
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	29945		
k_CTermIgnOffTimeout_mS_u16	31751		
k_CTermIgnOnTimeout_mS_u16	46917		
k_CTermVehSpdInvalidTimeout_mS_u16	42421		
k_RampDnRt_UlspmS_f32	0.00462999986		
k_RampUpRtLoSpd_UlspmS_f32	0.00286999997		
k_STTdEntryThresh_Kph_f32	170.289993		
k_STTdExitThresh_Kph_f32	229.289993		
k_STTdRampDownRate_UlspmS_f32	0.000469999999		
k_STTdRampUpRate_UlspmS_f32	0.00499999989		
k_VehSpdThresh_Kph_f32	24.7199993		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	41625		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	49544		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	9.99999975e-005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	332.579987		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	49544	49544	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	49544	49544	✔
CTermIgnOnTimer_mS_M_u32	49544	49544	✔
CTermVehSpdInvalidTimer_mS_M_u32	2887148544	2887148544	✔
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	0.00499999989	0.00499999989 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.53 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	302898944		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	2840042240		
CTermIgnOnTimer_mS_M_u32	504238336		
CTermVehSpdInvalidTimer_mS_M_u32	2246809344		
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	13730		
k_CTermIgnOffTimeout_mS_u16	4145		
k_CTermIgnOnTimeout_mS_u16	30573		
k_CTermVehSpdInvalidTimeout_mS_u16	8470		
k_RampDnRt_UlspmS_f32	0.00447000004		
k_RampUpRtLoSpd_UlspmS_f32	0.00310999993		
k_STTdEntryThresh_Kph_f32	148.070007		
k_STTdExitThresh_Kph_f32	107.790001		
k_STTdRampDownRate_UlspmS_f32	0.000310000003		
k_STTdRampUpRate_UlspmS_f32	0.00286999997		
k_VehSpdThresh_Kph_f32	41.2999992		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	6993		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	29945		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	9.99999975e-005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	289.51001		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	29945	29945	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	29945	29945	✔
CTermIgnOnTimer_mS_M_u32	29945	29945	✔
CTermVehSpdInvalidTimer_mS_M_u32	29945	29945	✔
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	0.00286999997	0.00286999997 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.54 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	2679186944		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	4227068416		
CTermIgnOnTimer_mS_M_u32	4076376064		
CTermVehSpdInvalidTimer_mS_M_u32	16252416		
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	21171		
k_CTermIgnOffTimeout_mS_u16	54237		
k_CTermIgnOnTimeout_mS_u16	13123		
k_CTermVehSpdInvalidTimeout_mS_u16	13728		
k_RampDnRt_UlspmS_f32	0.00431000022		
k_RampUpRtLoSpd_UlspmS_f32	0.00334999999		
k_STTdEntryThresh_Kph_f32	188.270004		
k_STTdExitThresh_Kph_f32	122.949997		
k_STTdRampDownRate_UlspmS_f32	0.0037		
k_STTdRampUpRate_UlspmS_f32	0.00270999991		
k_VehSpdThresh_Kph_f32	0		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	38391		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	13730		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.119999997		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	356.329987		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	13730	13730	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	13730	13730	✔
CTermIgnOnTimer_mS_M_u32	13730	13730	✔
CTermVehSpdInvalidTimer_mS_M_u32	13730	13730	✔
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	0.00334999999	0.00334999999 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.55 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	2158186752		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	3322604800		
CTermIgnOnTimer_mS_M_u32	1089803008		
CTermVehSpdInvalidTimer_mS_M_u32	2788083968		
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()	1		
k_ATermTimeout_mS_u16	3675		
k_CTermIgnOffTimeout_mS_u16	47189		
k_CTermIgnOnTimeout_mS_u16	15067		
k_CTermVehSpdInvalidTimeout_mS_u16	38332		
k_RampDnRt_UlspmS_f32	0.004149999994		
k_RampUpRtLoSpd_UlspmS_f32	0.003590000009		
k_STTdEntryThresh_Kph_f32	195.029999		
k_STTdExitThresh_Kph_f32	21.4599991		
k_STTdRampDownRate_UlspmS_f32	0.00240000011		
k_STTdRampUpRate_UlspmS_f32	0.00255000009		
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	42912		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	21171		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.230000004		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	8.72000027		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	21171	21171	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	21171	21171	✔
CTermIgnOnTimer_mS_M_u32	21171	21171	✔
CTermVehSpdInvalidTimer_mS_M_u32	21171	21171	✔
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	0.00255000009	0.00255000009 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.56 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	2956513280		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	2440166400		
CTermIgnOnTimer_mS_M_u32	3771435520		
CTermVehSpdInvalidTimer_mS_M_u32	3816187904		
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	4817		
k_CTermIgnOffTimeout_mS_u16	27770		
k_CTermIgnOnTimeout_mS_u16	58047		
k_CTermVehSpdInvalidTimeout_mS_u16	35893		
k_RampDnRt_UlspmS_f32	0.00399000011		
k_RampUpRtLoSpd_UlspmS_f32	0.00383000006		
k_STTdEntryThresh_Kph_f32	160.660004		
k_STTdExitThresh_Kph_f32	221.970001		
k_STTdRampDownRate_UlspmS_f32	0.00109999999		
k_STTdRampUpRate_UlspmS_f32	0.00239000004		
k_VehSpdThresh_Kph_f32	91.0400009		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	24016		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	3675		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.340000004		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	173.949997		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3675	3675	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3675	3675	✔
CTermIgnOnTimer_mS_M_u32	3675	3675	✔
CTermVehSpdInvalidTimer_mS_M_u32	3675	3675	✔
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	0.00383000006	0.00383000006 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔



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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.57 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	946256384		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	3771876864		
CTermIgnOnTimer_mS_M_u32	2687943680		
CTermVehSpdInvalidTimer_mS_M_u32	3830649344		
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	20740		
k_CTermIgnOffTimeout_mS_u16	38372		
k_CTermIgnOnTimeout_mS_u16	50060		
k_CTermVehSpdInvalidTimeout_mS_u16	48721		
k_RampDnRt_UlspmS_f32	0.00383000006		
k_RampUpRtLoSpd_UlspmS_f32	0.00406999979		
k_STTdEntryThresh_Kph_f32	201.300003		
k_STTdExitThresh_Kph_f32	125.639999		
k_STTdRampDownRate_UlspmS_f32	9.99999975e-005		
k_STTdRampUpRate_UlspmS_f32	0.00462999986		
k_VehSpdThresh_Kph_f32	127.230003		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	29945		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	2098385920		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	97.9899979		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2098385920	2098385920	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2098385920	2098385920	✔
CTermIgnOnTimer_mS_M_u32	2098385920	2098385920	✔
CTermVehSpdInvalidTimer_mS_M_u32	2098385920	2098385920	✔
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 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.000061	✔



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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.58 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	2718812672		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	1190155776		
CTermIgnOnTimer_mS_M_u32	851858432		
CTermVehSpdInvalidTimer_mS_M_u32	1962418688		
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	60647		
k_CTermIgnOffTimeout_mS_u16	56464		
k_CTermIgnOnTimeout_mS_u16	32295		
k_CTermVehSpdInvalidTimeout_mS_u16	61093		
k_RampDnRt_UlspmS_f32	0.00367000001		
k_RampUpRtLoSpd_UlspmS_f32	0.00431000022		
k_STTdEntryThresh_Kph_f32	127.230003		
k_STTdExitThresh_Kph_f32	249.740005		
k_STTdRampDownRate_UlspmS_f32	0.0004699999999		
k_STTdRampUpRate_UlspmS_f32	0.00206999993		
k_VehSpdThresh_Kph_f32	124.199997		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	60036		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	3883		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.560000002		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	56.6300011		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3883	3883	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3883	3883	✔
CTermIgnOnTimer_mS_M_u32	3883	3883	✔
CTermVehSpdInvalidTimer_mS_M_u32	3883	3883	✔
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	0.0004699999999	0.0004699999999 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.000061	✔

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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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 2.59 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	689792256			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	3282419968			
CTermIgnOnTimer_mS_M_u32	3717973760			
CTermVehSpdInvalidTimer_mS_M_u32	3888012544			
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	2896			
k_CTermIgnOffTimeout_mS_u16	8012			
k_CTermIgnOnTimeout_mS_u16	38081			
k_CTermVehSpdInvalidTimeout_mS_u16	5046			
k_RampDnRt_UlspmS_f32	0.00350999995			
k_RampUpRtLoSpd_UlspmS_f32	0.00455000019			
k_STTdEntryThresh_Kph_f32	179.699997			
k_STTdExitThresh_Kph_f32	216.149994			
k_STTdRampDownRate_UlspmS_f32	0.000500000024			
k_STTdRampUpRate_UlspmS_f32	0.00190999999			
k_VehSpdThresh_Kph_f32	140.779999			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	62015			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	5046			
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_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_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.670000017			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	56.2999992			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	689792256	689792256	✓	
ATerm_Cnt_M_lgc	0	0	✓	
CTermIgnOffTimer_mS_M_u32	5046	5046	✓	
CTermIgnOnTimer_mS_M_u32	5046	5046	✓	
CTermVehSpdInvalidTimer_mS_M_u32	3888012544	3888012544	✓	
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	0.00350999995	0.00350999995 ± 0.00156	✓	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✓	

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	✓

## Test Step 2.60 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	3302718720		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	882792704		
CTermIgnOnTimer_mS_M_u32	2538774272		
CTermVehSpdInvalidTimer_mS_M_u32	3196679424		
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	49544		
k_CTermIgnOffTimeout_mS_u16	44854		
k_CTermIgnOnTimeout_mS_u16	12692		
k_CTermVehSpdInvalidTimeout_mS_u16	47543		
k_RampDnRt_UlspmS_f32	0.0033499999		
k_RampUpRtLoSpd_UlspmS_f32	0.00479000015		
k_STTdEntryThresh_Kph_f32	161.720001		
k_STTdExitThresh_Kph_f32	109.089996		
k_STTdRampDownRate_UlspmS_f32	0.000630000024		
k_STTdRampUpRate_UlspmS_f32	9.99999975e-005		
k_VehSpdThresh_Kph_f32	216.149994		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	7917		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	543		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	9.99999975e-005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	237.639999		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	543	543	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	543	543	✔
CTermIgnOnTimer_mS_M_u32	543	543	✔
CTermVehSpdInvalidTimer_mS_M_u32	543	543	✔
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	9.99999975e-005	9.99999975e-005 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.61 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	46878		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	6792355		
CTermIgnOnTimer_mS_M_u32	2135186		
CTermVehSpdInvalidTimer_mS_M_u32	321754		
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()	4		
k_ATermTimeout_mS_u16	1223		
k_CTermIgnOffTimeout_mS_u16	4547		
k_CTermIgnOnTimeout_mS_u16	9458		
k_CTermVehSpdInvalidTimeout_mS_u16	8542		
k_RampDnRt_UlspmS_f32	0.00319000008		
k_RampUpRtLoSpd_UlspmS_f32	0.00462999986		
k_STTdEntryThresh_Kph_f32	99.3600006		
k_STTdExitThresh_Kph_f32	41.2999992		
k_STTdRampDownRate_UlspmS_f32	0.00319999992		
k_STTdRampUpRate_UlspmS_f32	0.00159		
k_VehSpdThresh_Kph_f32	173.940002		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	46474		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.889999986		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	66.0999985		
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	✔
CTermIgnOffTimer_mS_M_u32	0	0	✔
CTermIgnOnTimer_mS_M_u32	0	0	✔
CTermVehSpdInvalidTimer_mS_M_u32	0	0	✔
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	0.00462999986	0.00462999986 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.62 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	564694		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	2314		
CTermIgnOnTimer_mS_M_u32	75415		
CTermVehSpdInvalidTimer_mS_M_u32	467289		
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	2478		
k_CTermIgnOffTimeout_mS_u16	6789		
k_CTermIgnOnTimeout_mS_u16	6423		
k_CTermVehSpdInvalidTimeout_mS_u16	10234		
k_RampDnRt_UlspmS_f32	0.00303000002		
k_RampUpRtLoSpd_UlspmS_f32	0.00447000004		
k_STTdEntryThresh_Kph_f32	100.75		
k_STTdExitThresh_Kph_f32	57.8800011		
k_STTdRampDownRate_UlspmS_f32	0.00120000006		
k_STTdRampUpRate_UlspmS_f32	0.00142999995		
k_VehSpdThresh_Kph_f32	190.520004		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	3270		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.910000026		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	50.2000008		
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	0.00447000004	0.00447000004 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.63 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	6214		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	75451		
CTermIgnOnTimer_mS_M_u32	3217		
CTermVehSpdInvalidTimer_mS_M_u32	36924		
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	3733		
k_CTermIgnOffTimeout_mS_u16	9031		
k_CTermIgnOnTimeout_mS_u16	12369		
k_CTermVehSpdInvalidTimeout_mS_u16	11926		
k_RampDnRt_UlspmS_f32	0.00286999997		
k_RampUpRtLoSpd_UlspmS_f32	0.00431000022		
k_STTdEntryThresh_Kph_f32	102.139999		
k_STTdExitThresh_Kph_f32	74.4599991		
k_STTdRampDownRate_UlspmS_f32	0.00039999999		
k_STTdRampUpRate_UlspmS_f32	0.00127000001		
k_VehSpdThresh_Kph_f32	207.100006		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	25279		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	354684		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.970000029		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	100		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	354684	354684	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	354684	354684	✔
CTermIgnOnTimer_mS_M_u32	354684	354684	✔
CTermVehSpdInvalidTimer_mS_M_u32	354684	354684	✔
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	0.00431000022	0.00431000022 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.64 (Repeat Count = 1)

Name	Input Value
ATermTimer_mS_M_u32	87298
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	33787
CTermIgnOnTimer_mS_M_u32	941235
CTermVehSpdInvalidTimer_mS_M_u32	12147
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	4988
k_CTermIgnOffTimeout_mS_u16	11273
k_CTermIgnOnTimeout_mS_u16	759
k_CTermVehSpdInvalidTimeout_mS_u16	13618
k_RampDnRt_UlspmS_f32	0.002709999991
k_RampUpRtLoSpd_UlspmS_f32	0.004149999994
k_STTdEntryThresh_Kph_f32	103.529999
k_STTdExitThresh_Kph_f32	91.0400009
k_STTdRampDownRate_UlspmS_f32	0.00260000001
k_STTdRampUpRate_UlspmS_f32	0.00319000008
k_VehSpdThresh_Kph_f32	223.679993
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_CurrentTime	13618
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.150000006
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	45.7999992
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	13618	13618	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	33787	33787	✓
CTermIgnOnTimer_mS_M_u32	13618	13618	✓
CTermVehSpdInvalidTimer_mS_M_u32	13618	13618	✓
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	0.004149999994	0.004149999994 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓



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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.65 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	63641		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	875454		
CTermIgnOnTimer_mS_M_u32	62177		
CTermVehSpdInvalidTimer_mS_M_u32	31426		
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	6243		
k_CTermIgnOffTimeout_mS_u16	13515		
k_CTermIgnOnTimeout_mS_u16	856		
k_CTermVehSpdInvalidTimeout_mS_u16	15310		
k_RampDnRt_UlspmS_f32	0.00255000009		
k_RampUpRtLoSpd_UlspmS_f32	0.00399000011		
k_STTdEntryThresh_Kph_f32	104.919998		
k_STTdExitThresh_Kph_f32	107.620003		
k_STTdRampDownRate_UlspmS_f32	0.00380000006		
k_STTdRampUpRate_UlspmS_f32	0.00303000002		
k_VehSpdThresh_Kph_f32	240.259995		
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_CurrentTi	15310		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.000699999975		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	96.6999969		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	15310	15310	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	15310	15310	✔
CTermIgnOnTimer_mS_M_u32	62177	62177	✔
CTermVehSpdInvalidTimer_mS_M_u32	15310	15310	✔
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	0.00255000009	0.00255000009 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✔



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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.66 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	124785		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	232154		
CTermIgnOnTimer_mS_M_u32	5021347		
CTermVehSpdInvalidTimer_mS_M_u32	98514		
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	3649		
k_CTermIgnOffTimeout_mS_u16	7458		
k_CTermIgnOnTimeout_mS_u16	42365		
k_CTermVehSpdInvalidTimeout_mS_u16	8754		
k_RampDnRt_UlspmS_f32	0.00239000004		
k_RampUpRtLoSpd_UlspmS_f32	0.00383000006		
k_STTdEntryThresh_Kph_f32	154.300003		
k_STTdExitThresh_Kph_f32	66.0999985		
k_STTdRampDownRate_UlspmS_f32	0.00449999981		
k_STTdRampUpRate_UlspmS_f32	0.00400000019		
k_VehSpdThresh_Kph_f32	11.8999996		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	21231		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	17002		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00600000005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	150		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	17002	17002	✔
ATerm_Cnt_M_lgc	0	0	✔
CTermIgnOffTimer_mS_M_u32	17002	17002	✔
CTermIgnOnTimer_mS_M_u32	17002	17002	✔
CTermVehSpdInvalidTimer_mS_M_u32	98514	98514	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	1	1	✔
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	0.00239000004	0.00239000004 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.67 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	1030288640		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	3747631360		
CTermIgnOnTimer_mS_M_u32	1903417088		
CTermVehSpdInvalidTimer_mS_M_u32	1433922816		
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	34999		
k_CTermIgnOffTimeout_mS_u16	36617		
k_CTermIgnOnTimeout_mS_u16	32216		
k_CTermVehSpdInvalidTimeout_mS_u16	3466		
k_RampDnRt_UlspmS_f32	0.00222999998		
k_RampUpRtLoSpd_UlspmS_f32	0.00462999986		
k_STTdEntryThresh_Kph_f32	175.029999		
k_STTdExitThresh_Kph_f32	64.1299973		
k_STTdRampDownRate_UlspmS_f32	0.00142999995		
k_STTdRampUpRate_UlspmS_f32	0.000500000024		
k_VehSpdThresh_Kph_f32	144.119995		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	2205		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	1022459904		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.023		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	66.1100006		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1022459904	1022459904	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3747631360	3747631360	✔
CTermIgnOnTimer_mS_M_u32	1022459904	1022459904	✔
CTermVehSpdInvalidTimer_mS_M_u32	1022459904	1022459904	✔
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	0.00462999986	0.00462999986 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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VehPwrMd\_Per1

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.68 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	225960960			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	3355561984			
CTermIgnOnTimer_mS_M_u32	2942254592			
CTermVehSpdInvalidTimer_mS_M_u32	3609918464			
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	21323			
k_CTermIgnOffTimeout_mS_u16	44398			
k_CTermIgnOnTimeout_mS_u16	63578			
k_CTermVehSpdInvalidTimeout_mS_u16	32987			
k_RampDnRt_UlspmS_f32	0.00206999993			
k_RampUpRtLoSpd_UlspmS_f32	0.00399000011			
k_STTdEntryThresh_Kph_f32	122.220001			
k_STTdExitThresh_Kph_f32	97.0199966			
k_STTdRampDownRate_UlspmS_f32	0.00167000003			
k_STTdRampUpRate_UlspmS_f32	0.00400000019			
k_VehSpdThresh_Kph_f32	202.679993			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	47543			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	6792355			
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc			
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1			
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.08699999975			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	335.190002			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	6792355	6792355	✓	
ATerm_Cnt_M_lgc	1	1	✓	
CTermIgnOffTimer_mS_M_u32	6792355	6792355	✓	
CTermIgnOnTimer_mS_M_u32	6792355	6792355	✓	
CTermVehSpdInvalidTimer_mS_M_u32	6792355	6792355	✓	
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	0.00400000019	0.00400000019 ± 0.00156	✓	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓	

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VehPwrMd\_Per1

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.69 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	3351713536		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	1993954048		
CTermIgnOnTimer_mS_M_u32	1207503104		
CTermVehSpdInvalidTimer_mS_M_u32	3037581056		
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	32525		
k_CTermIgnOffTimeout_mS_u16	35162		
k_CTermIgnOnTimeout_mS_u16	49808		
k_CTermVehSpdInvalidTimeout_mS_u16	57922		
k_RampDnRt_UlspmS_f32	0.00190999999		
k_RampUpRtLoSpd_UlspmS_f32	0.00447000004		
k_STTdEntryThresh_Kph_f32	188.649994		
k_STTdExitThresh_Kph_f32	153.949997		
k_STTdRampDownRate_UlspmS_f32	0.00190999999		
k_STTdRampUpRate_UlspmS_f32	0.00319999992		
k_VehSpdThresh_Kph_f32	192.160004		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	2421		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	2314		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.150999993		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	7.48000002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2314	2314	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2314	2314	✔
CTermIgnOnTimer_mS_M_u32	2314	2314	✔
CTermVehSpdInvalidTimer_mS_M_u32	3037581056	3037581056	✔
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	0.00447000004	0.00447000004 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

# TEST DETAILS REPORT

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.70 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	157646336		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	538888704		
CTermIgnOnTimer_mS_M_u32	4145522688		
CTermVehSpdInvalidTimer_mS_M_u32	3799078400		
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	18770		
k_CTermIgnOffTimeout_mS_u16	49220		
k_CTermIgnOnTimeout_mS_u16	42680		
k_CTermVehSpdInvalidTimeout_mS_u16	64505		
k_RampDnRt_UlspmS_f32	0.00175000005		
k_RampUpRtLoSpd_UlspmS_f32	0.00494999997		
k_STTdEntryThresh_Kph_f32	249.410004		
k_STTdExitThresh_Kph_f32	140.339996		
k_STTdRampDownRate_UlspmS_f32	0.00215000007		
k_STTdRampUpRate_UlspmS_f32	0.00120000006		
k_VehSpdThresh_Kph_f32	160.190002		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	8470		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	75451		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	239.570007		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	75451	75451	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	75451	75451	✔
CTermIgnOnTimer_mS_M_u32	75451	75451	✔
CTermVehSpdInvalidTimer_mS_M_u32	75451	75451	✔
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	0.00494999997	0.00494999997 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.71 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	585517312		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	854222080		
CTermIgnOnTimer_mS_M_u32	787991296		
CTermVehSpdInvalidTimer_mS_M_u32	891470080		
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	12768		
k_CTermIgnOffTimeout_mS_u16	27521		
k_CTermIgnOnTimeout_mS_u16	25053		
k_CTermVehSpdInvalidTimeout_mS_u16	42257		
k_RampDnRt_UlspmS_f32	0.00159		
k_RampUpRtLoSpd_UlspmS_f32	0.00120000006		
k_STTdEntryThresh_Kph_f32	102.989998		
k_STTdExitThresh_Kph_f32	141.669998		
k_STTdRampDownRate_UlspmS_f32	0.00239000004		
k_STTdRampUpRate_UlspmS_f32	0.000399999999		
k_VehSpdThresh_Kph_f32	174.660004		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	13728		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	33787		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	494.899994		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	33787	33787	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	33787	33787	✔
CTermIgnOnTimer_mS_M_u32	33787	33787	✔
CTermVehSpdInvalidTimer_mS_M_u32	891470080	891470080	✔
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	0.000399999999	0.000399999999 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.72 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	2874140672		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	1051956224		
CTermIgnOnTimer_mS_M_u32	2812502528		
CTermVehSpdInvalidTimer_mS_M_u32	477790208		
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	4642		
k_CTermIgnOffTimeout_mS_u16	27094		
k_CTermIgnOnTimeout_mS_u16	27034		
k_CTermVehSpdInvalidTimeout_mS_u16	46871		
k_RampDnRt_UlspmS_f32	0.00142999995		
k_RampUpRtLoSpd_UlspmS_f32	0.00179999997		
k_STTdEntryThresh_Kph_f32	34.6500015		
k_STTdExitThresh_Kph_f32	240.220001		
k_STTdRampDownRate_UlspmS_f32	0.00263		
k_STTdRampUpRate_UlspmS_f32	0.00260000001		
k_VehSpdThresh_Kph_f32	167.610001		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	38332		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	875454		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.660000026		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	4.82999992		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	875454	875454	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	875454	875454	✔
CTermIgnOnTimer_mS_M_u32	2812502528	2812502528	✔
CTermVehSpdInvalidTimer_mS_M_u32	875454	875454	✔
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	0.00142999995	0.00142999995 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✔



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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.73 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	191016192		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	745179392		
CTermIgnOnTimer_mS_M_u32	2871217920		
CTermVehSpdInvalidTimer_mS_M_u32	1674224896		
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	47683		
k_CTermIgnOffTimeout_mS_u16	31476		
k_CTermIgnOnTimeout_mS_u16	19028		
k_CTermVehSpdInvalidTimeout_mS_u16	52571		
k_RampDnRt_UlspmS_f32	0.00127000001		
k_RampUpRtLoSpd_UlspmS_f32	0.00190000003		
k_STTdEntryThresh_Kph_f32	202.679993		
k_STTdExitThresh_Kph_f32	55.9000015		
k_STTdRampDownRate_UlspmS_f32	0.00319000008		
k_STTdRampUpRate_UlspmS_f32	0.0033499999		
k_VehSpdThresh_Kph_f32	10.4899998		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	28331		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	761077504		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.879999995		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	389.290009		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	761077504	761077504	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	761077504	761077504	✔
CTermIgnOnTimer_mS_M_u32	761077504	761077504	✔
CTermVehSpdInvalidTimer_mS_M_u32	761077504	761077504	✔
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	0.00190000003	0.00190000003 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 2.74 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	2956513280		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	2440166400		
CTermIgnOnTimer_mS_M_u32	3771435520		
CTermVehSpdInvalidTimer_mS_M_u32	3816187904		
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	4817		
k_CTermIgnOffTimeout_mS_u16	27770		
k_CTermIgnOnTimeout_mS_u16	58047		
k_CTermVehSpdInvalidTimeout_mS_u16	35893		
k_RampDnRt_UlspmS_f32	0.004399999998		
k_RampUpRtLoSpd_UlspmS_f32	0.002300000005		
k_STTdEntryThresh_Kph_f32	160.660004		
k_STTdExitThresh_Kph_f32	221.970001		
k_STTdRampDownRate_UlspmS_f32	0.001099999999		
k_STTdRampUpRate_UlspmS_f32	0.002390000004		
k_VehSpdThresh_Kph_f32	91.0400009		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	24016		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	3675		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.4499999988		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	173.949997		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3675	3675	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3675	3675	✔
CTermIgnOnTimer_mS_M_u32	3675	3675	✔
CTermVehSpdInvalidTimer_mS_M_u32	3675	3675	✔
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	0.002300000005	0.002300000005 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

# TEST DETAILS REPORT

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VehPwrMd\_Per1



## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓



Test Case 3: Path Test





Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment)
	CPU Cycles:
TC	3.1 1771.00 Cycles
TC	3.2 1783.00 Cycles
TC	3.3 1754.00 Cycles
TC	3.4 1755.00 Cycles
TC	3.5 1758.00 Cycles
TC	3.6 2068.00 Cycles
TC	3.7 2038.00 Cycles
TC	3.8 2031.00 Cycles
TC	3.9 2318.00 Cycles
TC	3.10 2045.00 Cycles
TC	3.11 2299.00 Cycles
TC	3.12 2021.00 Cycles
TC	3.13 1735.00 Cycles
TC	3.14 1769.00 Cycles
TC	3.15 1801.00 Cycles
TC	3.16 1778.00 Cycles
TC	3.17 1797.00 Cycles
TC	3.18 1791.00 Cycles
TC	3.19 1800.00 Cycles
TC	3.20 1744.00 Cycles
TC	3.21 2047.00 Cycles
TC	3.22 1785.00 Cycles
TC	3.23 1791.00 Cycles
TC	3.24 1760.00 Cycles
TC	3.25 2058.00 Cycles
TC	3.26 1783.00 Cycles
TC	3.27 1777.00 Cycles
TC	3.28 2084.00 Cycles
TC	3.29 2078.00 Cycles
TC	3.30 2083.00 Cycles
TC	3.31 2089.00 Cycles

Description	VECTOR DESCRIPTION
	<pre>TC 3.1"if( EngONSrIComSvcDft_Cnt_T_Igc == TRUE )=&gt;False if( CTerm_Cnt_M_Igc == FALSE )=&gt;True if( ( (EngOn_Cnt_T_Igc == TRUE) &amp;&amp;       (EPSEn_Cnt_T_Igc == TRUE) )        ( (VehSpdValid_Cnt_T_Igc == TRUE) &amp;&amp;       (VehSpd_Kph_T_f32 &gt; k_VehSpdThresh_Kph_f32) ) )=&gt;False if( ATerm_Cnt_M_Igc == FALSE )=&gt;True if( (EPSEn_Cnt_T_Igc == TRUE)        ( (VehSpdValid_Cnt_T_Igc == TRUE) &amp;&amp;       (VehSpd_Kph_T_f32 &gt; k_VehSpdThresh_Kph_f32) )        (EngOn_Cnt_T_Igc == TRUE)        (CTerm_Cnt_M_Igc == TRUE) )=&gt;False if( FALSE == ATerm_Cnt_M_Igc )       (FALSE == CTerm_Cnt_M_Igc) )=&gt;True" TC 3.2"if( EngONSrIComSvcDft_Cnt_T_Igc == TRUE )=&gt;True if( CTerm_Cnt_M_Igc == FALSE )=&gt;False if( EngOn_Cnt_T_Igc == FALSE )=&gt;False if( ATerm_Cnt_M_Igc == FALSE )=&gt;False if( (EPSEn_Cnt_T_Igc == FALSE) &amp;&amp;     ( (VehSpdValid_Cnt_T_Igc == FALSE)          (VehSpd_Kph_T_f32 &lt;= k_VehSpdThresh_Kph_f32) ) &amp;&amp;     (EngOn_Cnt_T_Igc == FALSE) &amp;&amp;     (CTerm_Cnt_M_Igc == FALSE) )=&gt;False if( FALSE == ATerm_Cnt_M_Igc )       (FALSE == CTerm_Cnt_M_Igc) )=&gt;False else if( STTdSelected_Cnt_T_Igc == TRUE )=&gt;True if( RampStatus_Cnt_M_u08 == D_RAMPIDLE_CNT_U08 )=&gt;False if( OutputRampMult_Uls_T_f32 &gt;= D_ONE_ULS_F32 )=&gt;True else if( RampStatus_Cnt_M_u08 == D_RAMPDOWN_CNT_U08 ) else if( RampStatus_Cnt_M_u08 == D_RAMPDOWN_CNT_U08 )=&gt;False" TC 3.3"if( OutputRampMult_Uls_T_f32 &gt;= D_ONE_ULS_F32 )=&gt;False TC 3.4" if( ( (EngOn_Cnt_T_Igc == TRUE) &amp;&amp;             (EPSEn_Cnt_T_Igc == TRUE) )              ( (VehSpdValid_Cnt_T_Igc == TRUE) &amp;&amp;             (VehSpd_Kph_T_f32 &gt; k_VehSpdThresh_Kph_f32) ) )=&gt;True if( (EPSEn_Cnt_T_Igc == TRUE)        ( (VehSpdValid_Cnt_T_Igc == TRUE) &amp;&amp;       (VehSpd_Kph_T_f32 &gt; k_VehSpdThresh_Kph_f32) )        (EngOn_Cnt_T_Igc == TRUE)        (CTerm_Cnt_M_Igc == TRUE) )=&gt;True" TC 3.5"if( EngOn_Cnt_T_Igc == FALSE )=&gt;True if( (VehSpdValid_Cnt_T_Igc == FALSE) &amp;&amp;     (EPSEn_Cnt_T_Igc == FALSE) )=&gt;False" TC 3.6" if( (VehSpdValid_Cnt_T_Igc == TRUE) &amp;&amp;           (VehSpd_Kph_T_f32 &lt;= k_VehSpdThresh_Kph_f32) )=&gt;True if( EPSEn_Cnt_T_Igc == FALSE )=&gt;True if( ElapsedTime_mS_T_u16 &gt;= k_CTermIgnOffTimeout_mS_u16 )=&gt;False if( RampStatus_Cnt_M_u08 == D_RAMPIDLE_CNT_U08 )=&gt;True" TC 3.7" if( (VehSpdValid_Cnt_T_Igc == TRUE) &amp;&amp;           (VehSpd_Kph_T_f32 &lt;= k_VehSpdThresh_Kph_f32) )=&gt;False if( (VehSpdValid_Cnt_T_Igc == FALSE) &amp;&amp;     (EPSEn_Cnt_T_Igc == FALSE) )=&gt;True if( ElapsedTime_mS_T_u16 &gt;= k_CTermVehSpdInvalidTimeout_mS_u16 )=&gt;False" TC 3.8"if( EPSEn_Cnt_T_Igc == FALSE )=&gt;False if( ElapsedTime_mS_T_u16 &gt;= k_CTermIgnOnTimeout_mS_u16 )=&gt;True" TC 3.9"if( ElapsedTime_mS_T_u16 &gt;= k_CTermIgnOffTimeout_mS_u16 )=&gt;True if( ElapsedTime_mS_T_u16 &gt;= k_ATermTimeout_mS_u16 )=&gt;False" TC 3.10"if( ElapsedTime_mS_T_u16 &gt;= k_CTermIgnOnTimeout_mS_u16 )=&gt;False TC 3.11"if( ElapsedTime_mS_T_u16 &gt;= k_CTermVehSpdInvalidTimeout_mS_u16 )=&gt;True TC 3.12" if( (EPSEn_Cnt_T_Igc == FALSE) &amp;&amp;           ( (VehSpdValid_Cnt_T_Igc == FALSE)                (VehSpd_Kph_T_f32 &lt;= k_VehSpdThresh_Kph_f32) ) &amp;&amp;           (EngOn_Cnt_T_Igc == FALSE) &amp;&amp;           (CTerm_Cnt_M_Igc == FALSE) )=&gt;True if( ElapsedTime_mS_T_u16 &gt;= k_ATermTimeout_mS_u16 )=&gt;True" TC 3.13"else if( STTdSelected_Cnt_T_Igc == TRUE )=&gt;False TC 3.14"if( (InvalidMsgQ_Cnt_T_Igc == FALSE) &amp;&amp;           (MissingMsgQ_Cnt_T_Igc == FALSE) &amp;&amp;           (DataOtherFitMsgQ_Cnt_T_Igc == FALSE) &amp;&amp;           (DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Power_Cut_Request) &amp;&amp;           (VehSpd_Kph_T_f32 &lt; k_STTdEntryThresh_Kph_f32) &amp;&amp;           (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) &amp;&amp;           (OutputRampMult_Uls_T_f32 &gt;= D_ONE_ULS_F32) )=&gt;False" TC 3.15"if( (InvalidMsgQ_Cnt_T_Igc == FALSE) &amp;&amp;           (MissingMsgQ_Cnt_T_Igc == FALSE) &amp;&amp;           (DataOtherFitMsgQ_Cnt_T_Igc == FALSE) &amp;&amp;           (DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Power_Cut_Request) &amp;&amp;           (VehSpd_Kph_T_f32 &lt; k_STTdEntryThresh_Kph_f32) &amp;&amp;           (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) &amp;&amp;           (OutputRampMult_Uls_T_f32 &gt;= D_ONE_ULS_F32) )=&gt;True" TC 3.16"else if( RampStatus_Cnt_M_u08 == D_RAMPDOWN_CNT_U08 )=&gt;False if( ( (InvalidMsgQ_Cnt_T_Igc == TRUE)          (MissingMsgQ_Cnt_T_Igc == TRUE)          (DataOtherFitMsgQ_Cnt_T_Igc == TRUE)          (DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Not_Requested) ) &amp;&amp;     (OutputRampMult_Uls_T_f32 &lt;= D_STTDRAMPDOWNNTARGET_ULS_F32) )        (VehSpd_Kph_T_f32 &gt; k_STTDExitThresh_Kph_f32) )=&gt;True" TC 3.17"if( ( (InvalidMsgQ_Cnt_T_Igc == TRUE) )=&gt;F              (MissingMsgQ_Cnt_T_Igc == TRUE) )=&gt;F              (DataOtherFitMsgQ_Cnt_T_Igc == TRUE) )=&gt;F              (DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Not_Requested) )=&gt;F ) &amp;&amp;     (OutputRampMult_Uls_T_f32 &lt;= D_STTDRAMPDOWNNTARGET_ULS_F32) )=&gt;F )        (VehSpd_Kph_T_f32 &gt; k_STTDExitThresh_Kph_f32) )=&gt;T)" TC 3.18"if( ( (InvalidMsgQ_Cnt_T_Igc == TRUE)              (MissingMsgQ_Cnt_T_Igc == TRUE) )</pre>

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(DataOtherFltMsgQ_Cnt_T_lgc == TRUE) ||
(DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Not_Requested) ) &&
(OutputRampMult_Uls_T_f32 <= D_STTDRAMPDOWNNTARGET_ULS_F32) ) ||
(VehSpd_Kph_T_f32 > k_STTDExitThresh_Kph_f32) )=>False"
TC 3.19"if( ( (EngOn_Cnt_T_lgc == TRUE)=>F &&
(EPSEn_Cnt_T_lgc == TRUE) ) ||
( (VehSpdValid_Cnt_T_lgc == TRUE)=>T&&
(VehSpd_Kph_T_f32 > k_VehSpdThresh_Kph_f32)=>F ) )"
TC 3.20" if( (VehSpdValid_Cnt_T_lgc == FALSE) &&
(EPSEn_Cnt_T_lgc == FALSE)=F )"
TC 3.21"if( (InvalidMsgQ_Cnt_T_lgc == FALSE)=>T &&
(MissingMsgQ_Cnt_T_lgc == FALSE)=>T&&
(DataOtherFltMsgQ_Cnt_T_lgc == FALSE)=>F &&
(DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Power_Cut_Request) &&
(VehSpd_Kph_T_f32 < k_STTDEntThresh_Kph_f32) &&
(SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) &&
(OutputRampMult_Uls_T_f32 >= D_ONE_ULS_F32) )"
TC 3.22"if( (InvalidMsgQ_Cnt_T_lgc == FALSE)=>T &&
(MissingMsgQ_Cnt_T_lgc == FALSE)=>T&&
(DataOtherFltMsgQ_Cnt_T_lgc == FALSE)=>T &&
(DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Power_Cut_Request)=>T &&
(VehSpd_Kph_T_f32 < k_STTDEntThresh_Kph_f32)=>T&&
(SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)=>F &&
(OutputRampMult_Uls_T_f32 >= D_ONE_ULS_F32) )"
TC 3.23"if( (InvalidMsgQ_Cnt_T_lgc == FALSE)=>T &&
(MissingMsgQ_Cnt_T_lgc == FALSE)=>T&&
(DataOtherFltMsgQ_Cnt_T_lgc == FALSE)=>T &&
(DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Power_Cut_Request)=>T &&
(VehSpd_Kph_T_f32 < k_STTDEntThresh_Kph_f32)=>T&&
(SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)=>T &&
(OutputRampMult_Uls_T_f32 >= D_ONE_ULS_F32)=>F )"
TC 3.24"if( ( (InvalidMsgQ_Cnt_T_lgc == TRUE)=>F ||
(MissingMsgQ_Cnt_T_lgc == TRUE)=>F ||
(DataOtherFltMsgQ_Cnt_T_lgc == TRUE)=>F ||
(DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Not_Requested)=>T ) &&
(OutputRampMult_Uls_T_f32 <= D_STTDRAMPDOWNNTARGET_ULS_F32)=>T ) ||
(VehSpd_Kph_T_f32 > k_STTDExitThresh_Kph_f32) )"
TC 3.25"if( ( (InvalidMsgQ_Cnt_T_lgc == TRUE) ||
(MissingMsgQ_Cnt_T_lgc == TRUE)=>T ||
(DataOtherFltMsgQ_Cnt_T_lgc == TRUE) ||
(DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Not_Requested) ) &&
(OutputRampMult_Uls_T_f32 <= D_STTDRAMPDOWNNTARGET_ULS_F32)=>T ) ||
(VehSpd_Kph_T_f32 > k_STTDExitThresh_Kph_f32) )"
TC 3.26"if( ( (InvalidMsgQ_Cnt_T_lgc == TRUE)=>F ||
(MissingMsgQ_Cnt_T_lgc == TRUE)=>F ||
(DataOtherFltMsgQ_Cnt_T_lgc == TRUE)=>F ||
(DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Not_Requested)=>T ) &&
(OutputRampMult_Uls_T_f32 <= D_STTDRAMPDOWNNTARGET_ULS_F32)=>F ) ||
(VehSpd_Kph_T_f32 > k_STTDExitThresh_Kph_f32)=>T )"
TC 3.27"if( ( (InvalidMsgQ_Cnt_T_lgc == TRUE)=>F ||
(MissingMsgQ_Cnt_T_lgc == TRUE)=>F ||
(DataOtherFltMsgQ_Cnt_T_lgc == TRUE)=>F ||
(DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Not_Requested)=>T ) &&
(OutputRampMult_Uls_T_f32 <= D_STTDRAMPDOWNNTARGET_ULS_F32)=>F ) ||
(VehSpd_Kph_T_f32 > k_STTDExitThresh_Kph_f32)=>T )"
TC 3.28"if( ( (InvalidMsgQ_Cnt_T_lgc == TRUE)=>F ||
(MissingMsgQ_Cnt_T_lgc == TRUE)=>F ||
(DataOtherFltMsgQ_Cnt_T_lgc == TRUE)=>T ||
(DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Not_Requested) ) &&
(OutputRampMult_Uls_T_f32 <= D_STTDRAMPDOWNNTARGET_ULS_F32)=>F ) ||
(VehSpd_Kph_T_f32 > k_STTDExitThresh_Kph_f32)=>F )"
TC 3.29"if( ( (InvalidMsgQ_Cnt_T_lgc == TRUE)=>F ||
(MissingMsgQ_Cnt_T_lgc == TRUE)=>F ||
(DataOtherFltMsgQ_Cnt_T_lgc == TRUE)=>T ||
(DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Not_Requested) ) &&
(OutputRampMult_Uls_T_f32 <= D_STTDRAMPDOWNNTARGET_ULS_F32)=>F ) ||
(VehSpd_Kph_T_f32 > k_STTDExitThresh_Kph_f32)=>F )"
TC 3.30"if( ( (InvalidMsgQ_Cnt_T_lgc == TRUE)=>F ||
(MissingMsgQ_Cnt_T_lgc == TRUE)=>T ||
(DataOtherFltMsgQ_Cnt_T_lgc == TRUE)=>T ||
(DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Not_Requested) ) &&
(OutputRampMult_Uls_T_f32 <= D_STTDRAMPDOWNNTARGET_ULS_F32)=>F ) ||
(VehSpd_Kph_T_f32 > k_STTDExitThresh_Kph_f32)=>F )"
TC 3.31"if( ( (InvalidMsgQ_Cnt_T_lgc == TRUE)=>F ||
(MissingMsgQ_Cnt_T_lgc == TRUE)=>T ||
(DataOtherFltMsgQ_Cnt_T_lgc == TRUE)=>T ||
(DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Not_Requested) ) &&
(OutputRampMult_Uls_T_f32 <= D_STTDRAMPDOWNNTARGET_ULS_F32)=>F ) ||
(VehSpd_Kph_T_f32 > k_STTDExitThresh_Kph_f32)=>T )"

```

## Test Step 3.1 (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



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VehPwrMd\_Per1

Name	Input Value		
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_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc		
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	0		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	0	0	✓
ATerm_Cnt_M_Igc	0	0	✓
CTermIgnOffTimer_mS_M_u32	0	0	✓
CTermIgnOnTimer_mS_M_u32	0	0	✓
CTermVehSpdInvalidTimer_mS_M_u32	0	0	✓
CTerm_Cnt_M_Igc	0	0	✓
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	0	0	✓
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✓

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 3.2 (Repeat Count = 1)

Name	Input Value
ATermTimer_mS_M_u32	4294967295
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	4294967295
CTermIgnOnTimer_mS_M_u32	4294967295
CTermVehSpdInvalidTimer_mS_M_u32	4294967295
CTerm_Cnt_M_Igc	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

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Name	Input Value		
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_CurrentTi	4294967295		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc		
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1		
target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32.value	512		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4294967295	4294967295	✔
ATerm_Cnt_M_Igc	1	1	✔
CTermIgnOffTimer_mS_M_u32	4294967295	4294967295	✔
CTermIgnOnTimer_mS_M_u32	4294967295	4294967295	✔
CTermVehSpdInvalidTimer_mS_M_u32	4294967295	4294967295	✔
CTerm_Cnt_M_Igc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 3.3 (Repeat Count = 1)

Name	Input Value
ATermTimer_mS_M_u32	649829376
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	2897610752
CTermIgnOnTimer_mS_M_u32	2091431424
CTermVehSpdInvalidTimer_mS_M_u32	1938273280
CTerm_Cnt_M_Igc	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	32160
k_CTermIgnOffTimeout_mS_u16	52861
k_CTermIgnOnTimeout_mS_u16	61952
k_CTermVehSpdInvalidTimeout_mS_u16	28103
k_RampDnRt_UlspmS_f32	0.000469999999
k_RampUpRtLoSpd_UlspmS_f32	0.00159

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Name	Input Value
k_STTdEntryThresh_Kph_f32	33.4000015
k_STTdExitThresh_Kph_f32	125.269997
k_STTdRampDownRate_UlspmS_f32	0.00240000011
k_STTdRampUpRate_UlspmS_f32	0.000469999999
k_VehSpdThresh_Kph_f32	32.3699989
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	29048
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	2840042240
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.680000007
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	151.630005
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2840042240	2840042240	✓
ATerm_Cnt_M_Igc	1	1	✓
CTermIgnOffTimer_mS_M_u32	2840042240	2840042240	✓
CTermIgnOnTimer_mS_M_u32	2840042240	2840042240	✓
CTermVehSpdInvalidTimer_mS_M_u32	2840042240	2840042240	✓
CTerm_Cnt_M_Igc	1	1	✓
RampStatus_Cnt_M_u08	2	2	✓
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000469999999	0.000469999999 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 3.4 (Repeat Count = 1)

Name	Input Value
ATermTimer_mS_M_u32	1129253632
ATerm_Cnt_M_Igc	0
CTermIgnOffTimer_mS_M_u32	4275308288
CTermIgnOnTimer_mS_M_u32	213687552
CTermVehSpdInvalidTimer_mS_M_u32	2016363264
CTerm_Cnt_M_Igc	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	21400
k_CTermIgnOffTimeout_mS_u16	40627
k_CTermIgnOnTimeout_mS_u16	22238
k_CTermVehSpdInvalidTimeout_mS_u16	35105
k_RampDnRt_UlspmS_f32	0.000500000024
k_RampUpRtLoSpd_UlspmS_f32	0.001429999995
k_STTdEntryThresh_Kph_f32	146.419998
k_STTdExitThresh_Kph_f32	196.919998
k_STTdRampDownRate_UlspmS_f32	0.002869999997
k_STTdRampUpRate_UlspmS_f32	0.003800000006

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Name	Input Value		
k_VehSpdThresh_Kph_f32	191.669998		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	35893		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	22238		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc		
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.363999993		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	489.200012		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	22238	22238	✔
ATerm_Cnt_M_Igc	1	1	✔
CTermIgnOffTimer_mS_M_u32	22238	22238	✔
CTermIgnOnTimer_mS_M_u32	22238	22238	✔
CTermVehSpdInvalidTimer_mS_M_u32	22238	22238	✔
CTerm_Cnt_M_Igc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00142999995	0.00142999995 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 3.5 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	3678216192
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	1966689280
CTermIgnOnTimer_mS_M_u32	3647101440
CTermVehSpdInvalidTimer_mS_M_u32	2538649600
CTerm_Cnt_M_Igc	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	18625
k_CTermIgnOffTimeout_mS_u16	21778
k_CTermIgnOnTimeout_mS_u16	57522
k_CTermVehSpdInvalidTimeout_mS_u16	35608
k_RampDnRt_UlspmS_f32	0.000630000024
k_RampUpRtLoSpd_UlspmS_f32	0.00127000001
k_STTEntryThresh_Kph_f32	169.929993
k_STTExitThresh_Kph_f32	165.960007
k_STTDampDownRate_UlspmS_f32	0.000709999993
k_STTDampUpRate_UlspmS_f32	0.00109999999
k_VehSpdThresh_Kph_f32	115.830002
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	13713
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	1647890176

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Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc		
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.597000003		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	0		
target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32.value	205.729996		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1647890176	1647890176	✔
ATerm_Cnt_M_Igc	1	1	✔
CTermIlgnOffTimer_mS_M_u32	1647890176	1647890176	✔
CTermIlgnOnTimer_mS_M_u32	1647890176	1647890176	✔
CTermVehSpdInvalidTimer_mS_M_u32	1647890176	1647890176	✔
CTerm_Cnt_M_Igc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00127000001	0.00127000001 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 3.6 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	1030288640
ATerm_Cnt_M_Igc	1
CTermIlgOffTimer_mS_M_u32	3747631360
CTermIlgOnTimer_mS_M_u32	1903417088
CTermVehSpdInvalidTimer_mS_M_u32	1433922816
CTerm_Cnt_M_Igc	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	34999
k_CTermIlgOffTimeout_mS_u16	36617
k_CTermIlgOnTimeout_mS_u16	32216
k_CTermVehSpdInvalidTimeout_mS_u16	3466
k_RampDnRt_UlspmS_f32	0.00319999992
k_RampUpRtLoSpd_UlspmS_f32	0.00319000008
k_STTdEntryThresh_Kph_f32	175.029999
k_STTdExitThresh_Kph_f32	64.1299973
k_STTdRampDownRate_UlspmS_f32	0.00142999995
k_STTdRampUpRate_UlspmS_f32	0.000500000024
k_VehSpdThresh_Kph_f32	144.119995
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	2205
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	1022459904
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc

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VehPwrMd\_Per1

Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc		
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc		
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_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0500999987		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	66.1100006		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1022459904	1022459904	✔
ATerm_Cnt_M_Igc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3747631360	3747631360	✔
CTermIgnOnTimer_mS_M_u32	1022459904	1022459904	✔
CTermVehSpdInvalidTimer_mS_M_u32	1022459904	1022459904	✔
CTerm_Cnt_M_Igc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00319000008	0.00319000008 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
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	3351713536
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	1993954048
CTermIgnOnTimer_mS_M_u32	1207503104
CTermVehSpdInvalidTimer_mS_M_u32	3037581056
CTerm_Cnt_M_Igc	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	32525
k_CTermIgnOffTimeout_mS_u16	35162
k_CTermIgnOnTimeout_mS_u16	49808
k_CTermVehSpdInvalidTimeout_mS_u16	57922
k_RampDnRt_UlspmS_f32	0.00120000006
k_RampUpRtLoSpd_UlspmS_f32	0.00303000002
k_STTdEntryThresh_Kph_f32	188.649994
k_STTdExitThresh_Kph_f32	153.949997
k_STTdRampDownRate_UlspmS_f32	0.00190999999
k_STTdRampUpRate_UlspmS_f32	0.00319999992
k_VehSpdThresh_Kph_f32	192.160004
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	2421
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2314
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc
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



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VehPwrMd\_Per1

Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32		
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_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0907000005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	447.480011		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2314	2314	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2314	2314	✔
CTermIgnOnTimer_mS_M_u32	2314	2314	✔
CTermVehSpdInvalidTimer_mS_M_u32	3037581056	3037581056	✔
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	0.00303000002	0.00303000002 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.8 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	3496655872
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	4022544384
CTermIgnOnTimer_mS_M_u32	909170176
CTermVehSpdInvalidTimer_mS_M_u32	2098385920
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	45959
k_CTermIgnOffTimeout_mS_u16	58191
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	32071
k_RampDnRt_UlspmS_f32	0.000399999999
k_RampUpRtLoSpd_UlspmS_f32	0.00400000019
k_STTdEntryThresh_Kph_f32	192.160004
k_STTdExitThresh_Kph_f32	39.5800018
k_STTdRampDownRate_UlspmS_f32	0.00303000002
k_STTdRampUpRate_UlspmS_f32	0.00359000009
k_VehSpdThresh_Kph_f32	198.580002
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	49169
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2596496896
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
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_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_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



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VehPwrMd\_Per1

Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0320000015		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	0		
target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32.value	158.240005		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2596496896	2596496896	✓
ATerm_Cnt_M_Igc	1	1	✓
CTermIgnOffTimer_mS_M_u32	2596496896	2596496896	✓
CTermIgnOnTimer_mS_M_u32	909170176	909170176	✓
CTermVehSpdInvalidTimer_mS_M_u32	2596496896	2596496896	✓
CTerm_Cnt_M_Igc	0	0	✓
RampStatus_Cnt_M_u08	1	1	✓
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00039999999	0.00039999999 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✓

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.9 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	2605953280
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	639978752
CTermIgnOnTimer_mS_M_u32	424178432
CTermVehSpdInvalidTimer_mS_M_u32	3323144448
CTerm_Cnt_M_Igc	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	42227
k_CTermIgnOffTimeout_mS_u16	12022
k_CTermIgnOnTimeout_mS_u16	15454
k_CTermVehSpdInvalidTimeout_mS_u16	49463
k_RampDnRt_UlspmS_f32	0.002600000001
k_RampUpRtLoSpd_UlspmS_f32	0.0005000000024
k_STTdEntryThresh_Kph_f32	17.8299999
k_STTdExitThresh_Kph_f32	209.169998
k_STTdRampDownRate_UlspmS_f32	0.00431000022
k_STTdRampUpRate_UlspmS_f32	0.000469999999
k_VehSpdThresh_Kph_f32	97.5500031
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	27906
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	15454
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0
target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0

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VehPwrMd\_Per1

Name	Input Value		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00600000005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	28.0300007		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2605953280	2605953280	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	639978752	639978752	✓
CTermIgnOnTimer_mS_M_u32	15454	15454	✓
CTermVehSpdInvalidTimer_mS_M_u32	15454	15454	✓
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	0	0	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00260000001	0.00260000001 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✓

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	✓

Test Step 3.10 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	2018414336
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	1391807232
CTermIgnOnTimer_mS_M_u32	2548318464
CTermVehSpdInvalidTimer_mS_M_u32	3501606656
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	65462
k_CTermIgnOffTimeout_mS_u16	27158
k_CTermIgnOnTimeout_mS_u16	65535
k_CTermVehSpdInvalidTimeout_mS_u16	47456
k_RampDnRt_UlspmS_f32	0.003800000006
k_RampUpRtLoSpd_UlspmS_f32	0.004000000019
k_STTEntryThresh_Kph_f32	160.190002
k_STTExitThresh_Kph_f32	188.660004
k_STTRampDownRate_UlspmS_f32	0.00286999997
k_STTRampUpRate_UlspmS_f32	0.00383000006
k_VehSpdThresh_Kph_f32	243.429993
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	23769
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2825687296
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
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_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_STTSelected_Cnt_lgc	target_VehPwrMd_Per1_STTSelected_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_DmdDelestDA_Cnt_u08.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0340000018
target_VehPwrMd_Per1_STTSelected_Cnt_lgc.value	1

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VehPwrMd\_Per1

Name	Input Value		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	188.809998		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2825687296	2825687296	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	2825687296	2825687296	✓
CTermIgnOnTimer_mS_M_u32	2548318464	2548318464	✓
CTermVehSpdInvalidTimer_mS_M_u32	2825687296	2825687296	✓
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	0.00383000006	0.00383000006 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

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VehPwrMd\_Per1

## Test Step 3.11 (Repeat Count = 1)

Name	Input Value
ATermTimer_mS_M_u32	1617527040
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	1285954816
CTermIgnOnTimer_mS_M_u32	2365375232
CTermVehSpdInvalidTimer_mS_M_u32	2664364288
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	37013
k_CTermIgnOffTimeout_mS_u16	64739
k_CTermIgnOnTimeout_mS_u16	28331
k_CTermVehSpdInvalidTimeout_mS_u16	0
k_RampDnRt_UlspmS_f32	0.00449999981
k_RampUpRtLoSpd_UlspmS_f32	0.00319999992
k_STTdEntryThresh_Kph_f32	167.610001
k_STTdExitThresh_Kph_f32	152.809998
k_STTdRampDownRate_UlspmS_f32	0.00255000009
k_STTdRampUpRate_UlspmS_f32	0.00431000022
k_VehSpdThresh_Kph_f32	209.169998
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	35129
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2185728768
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.03799999988
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	151.160004
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1617527040	1617527040	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	2185728768	2185728768	✓
CTermIgnOnTimer_mS_M_u32	2185728768	2185728768	✓
CTermVehSpdInvalidTimer_mS_M_u32	2664364288	2664364288	✓
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	0	0	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00449999981	0.00449999981 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✓

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	✓

## Test Step 3.12 (Repeat Count = 1)

Name	Input Value
ATermTimer_mS_M_u32	2119798272

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VehPwrMd\_Per1

Name	Input Value		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	2704923136		
CTermIgnOnTimer_mS_M_u32	2656843776		
CTermVehSpdInvalidTimer_mS_M_u32	2596496896		
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	0		
k_CTermIgnOffTimeout_mS_u16	41045		
k_CTermIgnOnTimeout_mS_u16	32015		
k_CTermVehSpdInvalidTimeout_mS_u16	3610		
k_RampDnRt_UlspmS_f32	0.00142999995		
k_RampUpRtLoSpd_UlspmS_f32	0.00120000006		
k_STTdEntryThresh_Kph_f32	121.209999		
k_STTdExitThresh_Kph_f32	129.089996		
k_STTdRampDownRate_UlspmS_f32	0.00399000011		
k_STTdRampUpRate_UlspmS_f32	0.00215000007		
k_VehSpdThresh_Kph_f32	140.339996		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	59435		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	222906368		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_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_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.01999999996		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	132.100006		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2119798272	2119798272	✔
ATerm_Cnt_M_lgc	0	0	✔
CTermIgnOffTimer_mS_M_u32	222906368	222906368	✔
CTermIgnOnTimer_mS_M_u32	222906368	222906368	✔
CTermVehSpdInvalidTimer_mS_M_u32	222906368	222906368	✔
CTerm_Cnt_M_lgc	0	0	✔
RampStatus_Cnt_M_u08	1	1	✔
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	0.00142999995	0.00142999995 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✔

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
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	1871115776
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	1630847488
CTermIgnOnTimer_mS_M_u32	124575744

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Name	Input Value		
CTermVehSpdInvalidTimer_mS_M_u32	208915968		
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	39189		
k_CTermIgnOffTimeout_mS_u16	65163		
k_CTermIgnOnTimeout_mS_u16	62544		
k_CTermVehSpdInvalidTimeout_mS_u16	63745		
k_RampDnRt_UlspmS_f32	0.00167000003		
k_RampUpRtLoSpd_UlspmS_f32	0.000399999999		
k_STTdEntryThresh_Kph_f32	212.800003		
k_STTdExitThresh_Kph_f32	135.339996		
k_STTdRampDownRate_UlspmS_f32	0.000230000005		
k_STTdRampUpRate_UlspmS_f32	0.0037		
k_VehSpdThresh_Kph_f32	45.1300011		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	22182		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	3322604800		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0450000018		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	158.830002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3322604800	3322604800	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	3322604800	3322604800	✔
CTermIgnOnTimer_mS_M_u32	3322604800	3322604800	✔
CTermVehSpdInvalidTimer_mS_M_u32	3322604800	3322604800	✔
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	0.000399999999	0.000399999999 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 3.14 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	225960960
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	3355561984
CTermIgnOnTimer_mS_M_u32	2942254592
CTermVehSpdInvalidTimer_mS_M_u32	3609918464
CTerm_Cnt_M_Igc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal

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Name	Input Value		
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	21323		
k_CTermIgnOffTimeout_mS_u16	44398		
k_CTermIgnOnTimeout_mS_u16	63578		
k_CTermVehSpdInvalidTimeout_mS_u16	32987		
k_RampDnRt_UlspmS_f32	0.00190999999		
k_RampUpRtLoSpd_UlspmS_f32	0.00260000001		
k_STTdEntryThresh_Kph_f32	122.220001		
k_STTdExitThresh_Kph_f32	97.0199966		
k_STTdRampDownRate_UlspmS_f32	0.00167000003		
k_STTdRampUpRate_UlspmS_f32	0.00400000019		
k_VehSpdThresh_Kph_f32	202.679993		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	47543		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	6792355		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc		
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.785000026		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	335.190002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	6792355	6792355	✔
ATerm_Cnt_M_Igc	1	1	✔
CTermIgnOffTimer_mS_M_u32	6792355	6792355	✔
CTermIgnOnTimer_mS_M_u32	6792355	6792355	✔
CTermVehSpdInvalidTimer_mS_M_u32	6792355	6792355	✔
CTerm_Cnt_M_Igc	1	1	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00260000001	0.00260000001 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 3.15 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	946256384
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	3771876864
CTermIgnOnTimer_mS_M_u32	2687943680
CTermVehSpdInvalidTimer_mS_M_u32	3830649344
CTerm_Cnt_M_Igc	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



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Name	Input Value		
k_ATermTimeout_mS_u16	20740		
k_CTermIgnOffTimeout_mS_u16	38372		
k_CTermIgnOnTimeout_mS_u16	50060		
k_CTermVehSpdInvalidTimeout_mS_u16	48721		
k_RampDnRt_UlspmS_f32	0.00215000007		
k_RampUpRtLoSpd_UlspmS_f32	0.00334999999		
k_STTdEntryThresh_Kph_f32	201.300003		
k_STTdExitThresh_Kph_f32	125.639999		
k_STTdRampDownRate_UlspmS_f32	9.99999975e-005		
k_STTdRampUpRate_UlspmS_f32	0.00462999986		
k_VehSpdThresh_Kph_f32	127.230003		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	29945		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2098385920		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc		
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1		
target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32.value	97.9899979		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2098385920	2098385920	✔
ATerm_Cnt_M_Igc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2098385920	2098385920	✔
CTermIgnOnTimer_mS_M_u32	2098385920	2098385920	✔
CTermVehSpdInvalidTimer_mS_M_u32	2098385920	2098385920	✔
CTerm_Cnt_M_Igc	1	1	✔
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 3.16 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	1820178176
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	3979735808
CTermIgnOnTimer_mS_M_u32	3074730240
CTermVehSpdInvalidTimer_mS_M_u32	4189089536
CTerm_Cnt_M_Igc	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	3612
k_CTermIgnOffTimeout_mS_u16	62983
k_CTermIgnOnTimeout_mS_u16	14789
k_CTermVehSpdInvalidTimeout_mS_u16	22182

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Name	Input Value		
k_RampDnRt_UlspmS_f32	0.00239000004		
k_RampUpRtLoSpd_UlspmS_f32	0.00270999991		
k_STTdEntryThresh_Kph_f32	240.630005		
k_STTdExitThresh_Kph_f32	0		
k_STTdRampDownRate_UlspmS_f32	0.00159		
k_STTdRampUpRate_UlspmS_f32	0.00414999994		
k_VehSpdThresh_Kph_f32	99.3600006		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	3675		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	2664364288		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc		
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	9.99999975e-005		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1		
target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32.value	260.690002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2664364288	2664364288	✓
ATerm_Cnt_M_Igc	1	1	✓
CTermIgnOffTimer_mS_M_u32	2664364288	2664364288	✓
CTermIgnOnTimer_mS_M_u32	2664364288	2664364288	✓
CTermVehSpdInvalidTimer_mS_M_u32	2664364288	2664364288	✓
CTerm_Cnt_M_Igc	1	1	✓
RampStatus_Cnt_M_u08	2	2	✓
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00414999994	0.00414999994 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 3.17 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	1820178176
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	3979735808
CTermIgnOnTimer_mS_M_u32	3074730240
CTermVehSpdInvalidTimer_mS_M_u32	4189089536
CTerm_Cnt_M_Igc	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	3612
k_CTermIgnOffTimeout_mS_u16	62983
k_CTermIgnOnTimeout_mS_u16	14789
k_CTermVehSpdInvalidTimeout_mS_u16	22182
k_RampDnRt_UlspmS_f32	0.00219999999
k_RampUpRtLoSpd_UlspmS_f32	0.00449999981
k_STTEntryThresh_Kph_f32	240.630005
k_STTExitThresh_Kph_f32	0

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Name	Input Value		
k_STTdRampDownRate_UlspmS_f32	0.00159		
k_STTdRampUpRate_UlspmS_f32	0.00414999994		
k_VehSpdThresh_Kph_f32	99.3600006		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	3675		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	2664364288		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	9.99999975e-005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	260.690002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2664364288	2664364288	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2664364288	2664364288	✔
CTermIgnOnTimer_mS_M_u32	2664364288	2664364288	✔
CTermVehSpdInvalidTimer_mS_M_u32	2664364288	2664364288	✔
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	0.00414999994	0.00414999994 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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_NxtrDiagMgr_GetNtCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNtCFailed	3	✓

Test Step 3.18 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	1820178176
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	3979735808
CTermIgnOnTimer_mS_M_u32	3074730240
CTermVehSpdInvalidTimer_mS_M_u32	4189089536
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	3612
k_CTermIgnOffTimeout_mS_u16	62983
k_CTermIgnOnTimeout_mS_u16	14789
k_CTermVehSpdInvalidTimeout_mS_u16	22182
k_RampDnRt_UlspmS_f32	0.00219999999
k_RampUpRtLoSpd_UlspmS_f32	0.00449999981
k_STTdEntryThresh_Kph_f32	240.630005
k_STTdExitThresh_Kph_f32	223.470001
k_STTdRampDownRate_UlspmS_f32	0.00159
k_STTdRampUpRate_UlspmS_f32	0.00414999994
k_VehSpdThresh_Kph_f32	99.3600006
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1

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Name	Input Value		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	3675		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTim	2664364288		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc		
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	9.99999975e-005		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1		
target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32.value	160.690002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2664364288	2664364288	✔
ATerm_Cnt_M_Igc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2664364288	2664364288	✔
CTermIgnOnTimer_mS_M_u32	2664364288	2664364288	✔
CTermVehSpdInvalidTimer_mS_M_u32	2664364288	2664364288	✔
CTerm_Cnt_M_Igc	1	1	✔
RampStatus_Cnt_M_u08	1	1	✔
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00159	0.00159 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.000061	✔

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 3.19 (Repeat Count = 1)

Name	Input Value
ATermTimer_mS_M_u32	0
ATerm_Cnt_M_Igc	0
CTermIgnOffTimer_mS_M_u32	0
CTermIgnOnTimer_mS_M_u32	0
CTermVehSpdInvalidTimer_mS_M_u32	0
CTerm_Cnt_M_Igc	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	10.1999998
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_CurrentTim	0
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc

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Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc		
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	0		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	0		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	0	0	✔
ATerm_Cnt_M_Igc	0	0	✔
CTermIgnOffTimer_mS_M_u32	0	0	✔
CTermIgnOnTimer_mS_M_u32	0	0	✔
CTermVehSpdInvalidTimer_mS_M_u32	0	0	✔
CTerm_Cnt_M_Igc	0	0	✔
RampStatus_Cnt_M_u08	0	0	✔
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	0	0	✔
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✔
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 3.20 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	3351713536
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	1993954048
CTermIgnOnTimer_mS_M_u32	1207503104
CTermVehSpdInvalidTimer_mS_M_u32	3037581056
CTerm_Cnt_M_Igc	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	32525
k_CTermIgnOffTimeout_mS_u16	35162
k_CTermIgnOnTimeout_mS_u16	49808
k_CTermVehSpdInvalidTimeout_mS_u16	57922
k_RampDnRt_UlspmS_f32	0.00167000003
k_RampUpRtLoSpd_UlspmS_f32	0.000399999999
k_STTdEntryThresh_Kph_f32	188.649994
k_STTdExitThresh_Kph_f32	153.949997
k_STTdRampDownRate_UlspmS_f32	0.00190999999
k_STTdRampUpRate_UlspmS_f32	0.00319999992
k_VehSpdThresh_Kph_f32	192.160004
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	2421
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2314
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32

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VehPwrMd\_Per1

Name	Input Value		
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_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_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0907000005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	447.480011		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2314	2314	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2314	2314	✔
CTermIgnOnTimer_mS_M_u32	2314	2314	✔
CTermVehSpdInvalidTimer_mS_M_u32	2314	2314	✔
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	0.000399999999	0.000399999999 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 3.21 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	1030288640
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	3747631360
CTermIgnOnTimer_mS_M_u32	1903417088
CTermVehSpdInvalidTimer_mS_M_u32	1433922816
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	34999
k_CTermIgnOffTimeout_mS_u16	36617
k_CTermIgnOnTimeout_mS_u16	32216
k_CTermVehSpdInvalidTimeout_mS_u16	3466
k_RampDnRt_UlspmS_f32	0.004499999981
k_RampUpRtLoSpd_UlspmS_f32	0.003199999992
k_STTdEntryThresh_Kph_f32	175.029999
k_STTdExitThresh_Kph_f32	64.1299973
k_STTdRampDownRate_UlspmS_f32	0.00142999995
k_STTdRampUpRate_UlspmS_f32	0.000500000024
k_VehSpdThresh_Kph_f32	144.119995
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	2205
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	1022459904
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
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_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_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



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VehPwrMd\_Per1

Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0500999987		
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1		
target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32.value	66.1100006		
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1022459904	1022459904	✓
ATerm_Cnt_M_Igc	1	1	✓
CTermIgnOffTimer_mS_M_u32	3747631360	3747631360	✓
CTermIgnOnTimer_mS_M_u32	1022459904	1022459904	✓
CTermVehSpdInvalidTimer_mS_M_u32	1022459904	1022459904	✓
CTerm_Cnt_M_Igc	1	1	✓
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00319999992	0.00319999992 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.22 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	946256384
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	3771876864
CTermIgnOnTimer_mS_M_u32	2687943680
CTermVehSpdInvalidTimer_mS_M_u32	3830649344
CTerm_Cnt_M_Igc	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	20740
k_CTermIgnOffTimeout_mS_u16	18372
k_CTermIgnOnTimeout_mS_u16	50060
k_CTermVehSpdInvalidTimeout_mS_u16	48721
k_RampDnRt_UlspmS_f32	0.00263
k_RampUpRtLoSpd_UlspmS_f32	0.000469999999
k_STTdEntryThresh_Kph_f32	210
k_STTdExitThresh_Kph_f32	125.639999
k_STTdRampDownRate_UlspmS_f32	0.00206999993
k_STTdRampUpRate_UlspmS_f32	0.00462999986
k_VehSpdThresh_Kph_f32	127.230003
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	29945
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	2098385920
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1
target_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0



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VehPwrMd\_Per1

Name	Input Value		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	197.98999		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2098385920	2098385920	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	2098385920	2098385920	✓
CTermIgnOnTimer_mS_M_u32	2098385920	2098385920	✓
CTermVehSpdInvalidTimer_mS_M_u32	2098385920	2098385920	✓
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	0.000469999999	0.000469999999 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 3.23 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	946256384
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	3771876864
CTermIgnOnTimer_mS_M_u32	2687943680
CTermVehSpdInvalidTimer_mS_M_u32	3830649344
CTerm_Cnt_M_Igc	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	20740
k_CTermIgnOffTimeout_mS_u16	18372
k_CTermIgnOnTimeout_mS_u16	50060
k_CTermVehSpdInvalidTimeout_mS_u16	48721
k_RampDnRt_UlspmS_f32	0.00263
k_RampUpRtLoSpd_UlspmS_f32	0.000469999999
k_STTdEntryThresh_Kph_f32	210
k_STTdExitThresh_Kph_f32	125.639999
k_STTdRampDownRate_UlspmS_f32	0.00206999993
k_STTdRampUpRate_UlspmS_f32	0.00462999986
k_VehSpdThresh_Kph_f32	127.230003
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	29945
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2098385920
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc
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_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.959999979
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	197.98999

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Name	Input Value		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2098385920	2098385920	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	2098385920	2098385920	✓
CTermIgnOnTimer_mS_M_u32	2098385920	2098385920	✓
CTermVehSpdInvalidTimer_mS_M_u32	2098385920	2098385920	✓
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	0.000469999999	0.000469999999 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 3.24 (Repeat Count = 1)				
Name		Input Value		
ATermTimer_mS_M_u32		1820178176		
ATerm_Cnt_M_lgc		1		
CTermIgnOffTimer_mS_M_u32		3979735808		
CTermIgnOnTimer_mS_M_u32		3074730240		
CTermVehSpdInvalidTimer_mS_M_u32		4189089536		
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		3612		
k_CTermIgnOffTimeout_mS_u16		62983		
k_CTermIgnOnTimeout_mS_u16		14789		
k_CTermVehSpdInvalidTimeout_mS_u16		22182		
k_RampDnRt_UlspmS_f32		0.00219999999		
k_RampUpRtLoSpd_UlspmS_f32		0.00449999981		
k_STTdEntryThresh_Kph_f32		240.630005		
k_STTdExitThresh_Kph_f32		0		
k_STTdRampDownRate_UlspmS_f32		0.00159		
k_STTdRampUpRate_UlspmS_f32		0.00414999994		
k_VehSpdThresh_Kph_f32		99.3600006		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse		3675		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi		2664364288		
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_DmdDelestDA_Cnt_u08		target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc		target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc		target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32		target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc		target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value		0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value		0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value		1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value		9.99999975e-005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value		1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value		260.690002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value		0		
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	2664364288	2664364288		
ATerm_Cnt_M_lgc	1	1		

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Name	Actual Value	Expected Value	Result
CTermIgnOffTimer_ms_M_u32	2664364288	2664364288	✓
CTermIgnOnTimer_ms_M_u32	2664364288	2664364288	✓
CTermVehSpdInvalidTimer_ms_M_u32	2664364288	2664364288	✓
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	0.00414999994	0.00414999994 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

Test Step 3.25 (Repeat Count = 1)	
Name	Input Value
ATermTimer_ms_M_u32	1262504960
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_ms_M_u32	711440384
CTermIgnOnTimer_ms_M_u32	316859904
CTermVehSpdInvalidTimer_ms_M_u32	2887148544
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	29945
k_CTermIgnOffTimeout_ms_u16	31751
k_CTermIgnOnTimeout_ms_u16	46917
k_CTermVehSpdInvalidTimeout_ms_u16	42421
k_RampDnRt_UlspmS_f32	0.00462999986
k_RampUpRtLoSpd_UlspmS_f32	0.00286999997
k_STTdEntryThresh_Kph_f32	170.289993
k_STTdExitThresh_Kph_f32	229.289993
k_STTdRampDownRate_UlspmS_f32	0.000469999999
k_STTdRampUpRate_UlspmS_f32	0.00499999989
k_VehSpdThresh_Kph_f32	24.7199993
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_ms_u16_Elapse	41625
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_ms_u32_CurrentTi	49544
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	9.99999975e-005
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	332.579987
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_ms_M_u32	49544	49544	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_ms_M_u32	49544	49544	✓
CTermIgnOnTimer_ms_M_u32	49544	49544	✓
CTermVehSpdInvalidTimer_ms_M_u32	2887148544	2887148544	✓
CTerm_Cnt_M_lgc	1	1	✓

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Name	Actual Value	Expected Value	Result
RampStatus_Cnt_M_u08	2	2	✓
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 3.26 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	1820178176		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	3979735808		
CTermIgnOnTimer_mS_M_u32	3074730240		
CTermVehSpdInvalidTimer_mS_M_u32	4189089536		
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	3612		
k_CTermIgnOffTimeout_mS_u16	62983		
k_CTermIgnOnTimeout_mS_u16	14789		
k_CTermVehSpdInvalidTimeout_mS_u16	22182		
k_RampDnRt_UlspmS_f32	0.00219999999		
k_RampUpRtLoSpd_UlspmS_f32	0.00449999981		
k_STTdEntryThresh_Kph_f32	240.630005		
k_STTdExitThresh_Kph_f32	0		
k_STTdRampDownRate_UlspmS_f32	0.00159		
k_STTdRampUpRate_UlspmS_f32	0.00414999994		
k_VehSpdThresh_Kph_f32	99.3600006		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	3675		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2664364288		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	260.690002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2664364288	2664364288	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	2664364288	2664364288	✔
CTermIgnOnTimer_mS_M_u32	2664364288	2664364288	✔
CTermVehSpdInvalidTimer_mS_M_u32	2664364288	2664364288	✔
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	✔

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VehPwrMd\_Per1

Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00414999994	0.00414999994 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 3.27 (Repeat Count = 1)

Name	Input Value
ATermTimer_mS_M_u32	1820178176
ATerm_Cnt_M_Igc	1
CTermIgnOffTimer_mS_M_u32	3979735808
CTermIgnOnTimer_mS_M_u32	3074730240
CTermVehSpdInvalidTimer_mS_M_u32	4189089536
CTerm_Cnt_M_Igc	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	3612
k_CTermIgnOffTimeout_mS_u16	62983
k_CTermIgnOnTimeout_mS_u16	14789
k_CTermVehSpdInvalidTimeout_mS_u16	22182
k_RampDnRt_UlspmS_f32	0.00219999999
k_RampUpRtLoSpd_UlspmS_f32	0.00449999981
k_STTEntryThresh_Kph_f32	240.630005
k_STTExitThresh_Kph_f32	190.300003
k_STTdRampDownRate_UlspmS_f32	0.00159
k_STTdRampUpRate_UlspmS_f32	0.00414999994
k_VehSpdThresh_Kph_f32	99.3600006
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	3675
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2664364288
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc
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_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	1
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value	1
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	160.690002
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	0

Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2664364288	2664364288	✓
ATerm_Cnt_M_Igc	1	1	✓
CTermIgnOffTimer_mS_M_u32	2664364288	2664364288	✓
CTermIgnOnTimer_mS_M_u32	2664364288	2664364288	✓
CTermVehSpdInvalidTimer_mS_M_u32	2664364288	2664364288	✓
CTerm_Cnt_M_Igc	1	1	✓
RampStatus_Cnt_M_u08	1	1	✓
target_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00159	0.00159 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.000061	✓

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VehPwrMd\_Per1

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓

## Test Step 3.28 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	1262504960		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	711440384		
CTermIgnOnTimer_mS_M_u32	316859904		
CTermVehSpdInvalidTimer_mS_M_u32	2887148544		
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	29945		
k_CTermIgnOffTimeout_mS_u16	31751		
k_CTermIgnOnTimeout_mS_u16	46917		
k_CTermVehSpdInvalidTimeout_mS_u16	42421		
k_RampDnRt_UlspmS_f32	0.00462999986		
k_RampUpRtLoSpd_UlspmS_f32	0.00286999997		
k_STTdEntryThresh_Kph_f32	170.289993		
k_STTdExitThresh_Kph_f32	229.289993		
k_STTdRampDownRate_UlspmS_f32	0.000469999999		
k_STTdRampUpRate_UlspmS_f32	0.00499999989		
k_VehSpdThresh_Kph_f32	24.7199993		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	41625		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	49544		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.660000026		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	332.579987		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	49544	49544	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	49544	49544	✔
CTermIgnOnTimer_mS_M_u32	49544	49544	✔
CTermVehSpdInvalidTimer_mS_M_u32	2887148544	2887148544	✔
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	0.00499999989	0.00499999989 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 3.29 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	1262504960		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	711440384		
CTermIgnOnTimer_mS_M_u32	316859904		
CTermVehSpdInvalidTimer_mS_M_u32	2887148544		
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	29945		
k_CTermIgnOffTimeout_mS_u16	31751		
k_CTermIgnOnTimeout_mS_u16	46917		
k_CTermVehSpdInvalidTimeout_mS_u16	42421		
k_RampDnRt_UlspmS_f32	0.00462999986		
k_RampUpRtLoSpd_UlspmS_f32	0.00286999997		
k_STTdEntryThresh_Kph_f32	170.289993		
k_STTdExitThresh_Kph_f32	229.289993		
k_STTdRampDownRate_UlspmS_f32	0.000469999999		
k_STTdRampUpRate_UlspmS_f32	0.00499999989		
k_VehSpdThresh_Kph_f32	24.7199993		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	41625		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	49544		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00499999989		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	132.579987		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	49544	49544	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	49544	49544	✔
CTermIgnOnTimer_mS_M_u32	49544	49544	✔
CTermVehSpdInvalidTimer_mS_M_u32	2887148544	2887148544	✔
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	0.000469999999	0.000469999999 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.000061	✔



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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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.30 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	1262504960			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	711440384			
CTermIgnOnTimer_mS_M_u32	316859904			
CTermVehSpdInvalidTimer_mS_M_u32	2887148544			
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	29945			
k_CTermIgnOffTimeout_mS_u16	31751			
k_CTermIgnOnTimeout_mS_u16	46917			
k_CTermVehSpdInvalidTimeout_mS_u16	42421			
k_RampDnRt_UlspmS_f32	0.00462999986			
k_RampUpRtLoSpd_UlspmS_f32	0.00286999997			
k_STTdEntryThresh_Kph_f32	170.289993			
k_STTExitThresh_Kph_f32	229.289993			
k_STTdRampDownRate_UlspmS_f32	0.000469999999			
k_STTdRampUpRate_UlspmS_f32	0.00499999989			
k_VehSpdThresh_Kph_f32	24.7199993			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	41625			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	49544			
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc			
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00499999989			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	132.579987			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	49544	49544	✓	
ATerm_Cnt_M_lgc	1	1	✓	
CTermIgnOffTimer_mS_M_u32	49544	49544	✓	
CTermIgnOnTimer_mS_M_u32	49544	49544	✓	
CTermVehSpdInvalidTimer_mS_M_u32	2887148544	2887148544	✓	
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	0.000469999999	0.000469999999 ± 0.00156	✓	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.000061	✓	

# TEST DETAILS REPORT

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VehPwrMd\_Per1

## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 3.31 (Repeat Count = 1)

Name	Input Value		
ATermTimer_mS_M_u32	1262504960		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	711440384		
CTermIgnOnTimer_mS_M_u32	316859904		
CTermVehSpdInvalidTimer_mS_M_u32	2887148544		
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	29945		
k_CTermIgnOffTimeout_mS_u16	31751		
k_CTermIgnOnTimeout_mS_u16	46917		
k_CTermVehSpdInvalidTimeout_mS_u16	42421		
k_RampDnRt_UlspmS_f32	0.00462999986		
k_RampUpRtLoSpd_UlspmS_f32	0.00286999997		
k_STTdEntryThresh_Kph_f32	170.289993		
k_STTdExitThresh_Kph_f32	229.289993		
k_STTdRampDownRate_UlspmS_f32	0.000469999999		
k_STTdRampUpRate_UlspmS_f32	0.00499999989		
k_VehSpdThresh_Kph_f32	24.7199993		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	41625		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	49544		
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_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrComSvcDft_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_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_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00499999989		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrComVehSpd_Kph_f32.value	332.579987		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	49544	49544	✔
ATerm_Cnt_M_lgc	1	1	✔
CTermIgnOffTimer_mS_M_u32	49544	49544	✔
CTermIgnOnTimer_mS_M_u32	49544	49544	✔
CTermVehSpdInvalidTimer_mS_M_u32	2887148544	2887148544	✔
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	0.00499999989	0.00499999989 ± 0.00156	✔
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✔

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## 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_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓