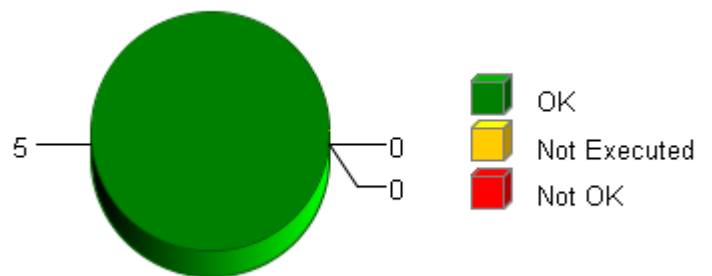


## Summary

**Total Test Objects:** 5  
**Successful:** 5  
**Failed:** 0  
**Not Executed:** 0  
**Date:** 2015-07-03  
**Time:** 13:17:21+0530

## Overall Test Object Results (including Coverage)



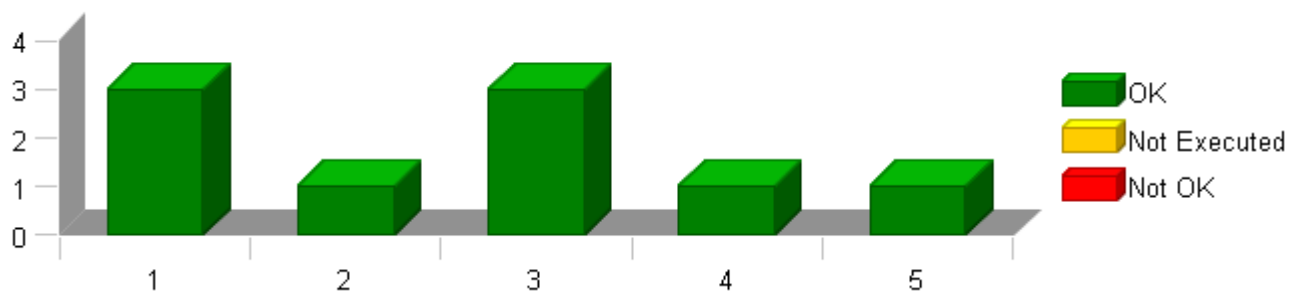
## Selected Project Items

Test Collection "C1XX\_UnitTest"

## Used Test Environments

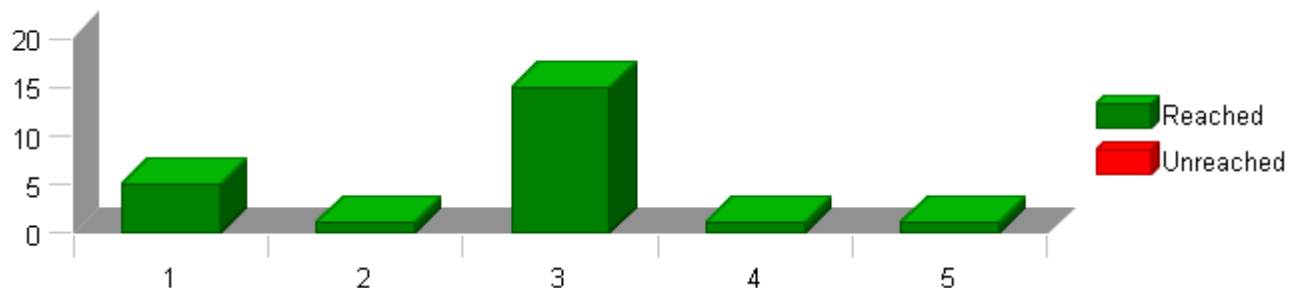
TI TMS 570 PLS UDE (Default)

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



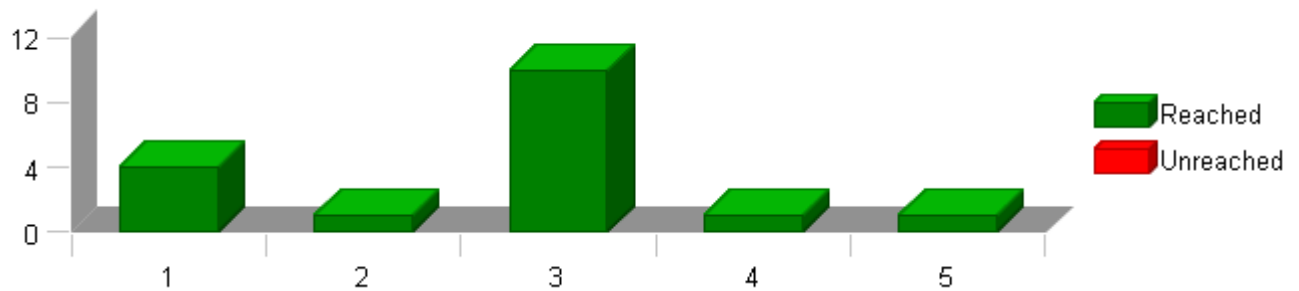
The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object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



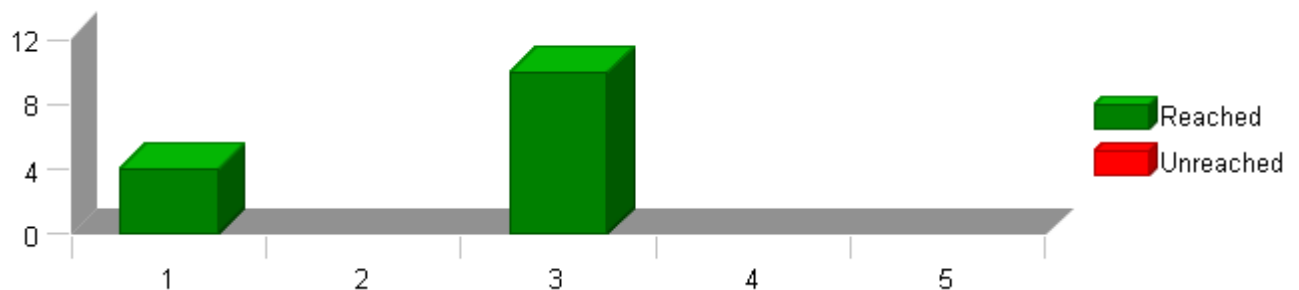
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

### 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.

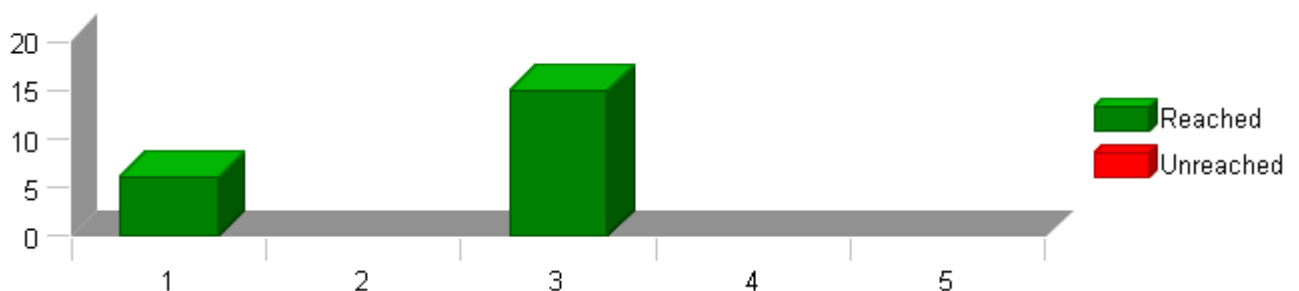
### Decision Coverage: Total Decision Outcomes for Each Test Object



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.

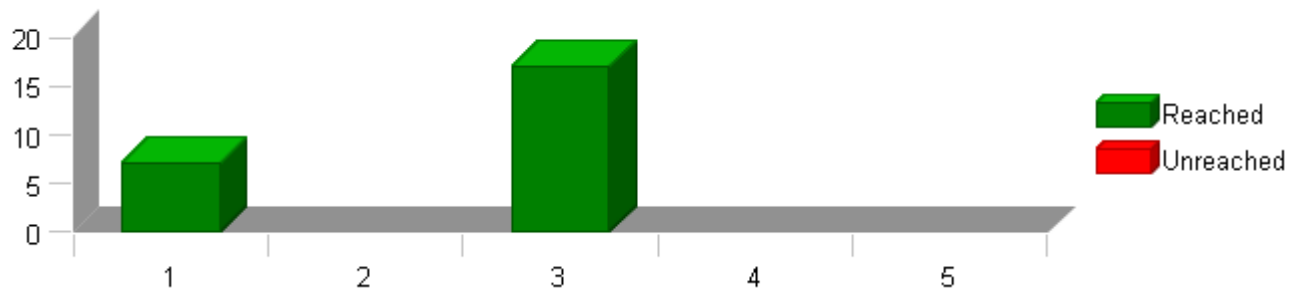
### MC/DC Coverage: Total Condition Combinations for Each Test Object



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 %	9 of 9 passed	✓
	C1XX_UnitTest	100 %	100 %	100 %	100 %	100 %	9 of 9 passed	✓
	VehPwrMd	100 %	100 %	100 %	100 %	100 %	9 of 9 passed	✓
1	<a href="#">IgnFailureDiag</a>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	✓
2	<a href="#">VehPwrMd_Init1</a>	100 %	100 %	-	-	-	1 of 1 passed	✓
3	<a href="#">VehPwrMd_Per1</a>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	✓
4	<a href="#">VehPwrMd_Trns1</a>	100 %	100 %	-	-	-	1 of 1 passed	✓
5	<a href="#">VehPwrMd_Trns2</a>	100 %	100 %	-	-	-	1 of 1 passed	✓

# TEST DETAILS REPORT

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IgnFailureDiag



Project	VehPwrMd
Module	VehPwrMd
Test Object	IgnFailureDiag

## 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\VehPwrMd
Configuration File	D:\Synergy_Work_Area\VehPwrMd\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\VehPwrMd\src\Ap_VehPwrMd.c
Compiler Options	-Dconst= -D_DATA_ACCESS= -Dstatic= -I\$(PROJECTROOT)\VehPwrMd\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\NxtLib\include -I\$(Compiler Install Path)\include -I\$(PROJECTROOT)\VehPwrMd\include -I\$(PROJECTROOT)\VehPwrMd\utp\contract\Ap_VehPwrMd

## Comments/Description/Specification

Name	Text
Module 'VehPwrMd'	***** Name of Tester:Spoorti Mali Code File(s) Under Test: Ap_VehPwrMd.c Code File(s) Version:2 Module Design Document:Vehicle_Power_Mode_MDD.docx Module Design Document Version:1 Data Dictionary Version:2 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):416 Total RAM Used (Bytes):8 Total CALS Used (Bytes):14 Special Test Requirements: Test Date:07-03-2015 Comments:"Note 1: Inline functions defined in globalmacro.h are not unit tested. Note 2: ""CBD_Sandbox_dbg.map""map file is embedded for reference." *****

## Attributes

Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles

# TEST DETAILS REPORT

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IgnFailureDiag



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

## Test Case 1: Metrics Test

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

Cycles:

TS1.1 1039.00 Cycles  
TS1.2 1119.00 Cycles

**Description** Vector Description:

TS1.1 "Shortest Execution Path  
if (((TRUE == SrlComEngOn\_Cnt\_T\_lgc)F || (TRUE == SrlComSPMon\_Cnt\_T\_lgc)) F&& (FALSE == EPSEn\_Cnt\_T\_lgc))F"  
TS1.2 "Longest Execution Path  
if (((TRUE == SrlComEngOn\_Cnt\_T\_lgc)T || (TRUE == SrlComSPMon\_Cnt\_T\_lgc)) F&& (FALSE == EPSEn\_Cnt\_T\_lgc))F"

## Test Step 1.1 (Repeat Count = 1)

Name	Input Value		
EPSEn_Cnt_T_lgc	0		
IGNDiagStartTime_mS_M_u32p0	100		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
SrlComEngOn_Cnt_T_lgc	0		
SrlComSPMon_Cnt_T_lgc	0		
k_IGNDiagTime_mS_u16p0	3400		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	1230		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	89089		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	89089	89089	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 1.2 (Repeat Count = 1)

Name	Input Value		
EPSEn_Cnt_T_lgc	0		
IGNDiagStartTime_mS_M_u32p0	200		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
SrlComEngOn_Cnt_T_lgc	1		
SrlComSPMon_Cnt_T_lgc	0		
k_IGNDiagTime_mS_u16p0	2500		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	40000		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	9999		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	200	200	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓

## Test Case 2: Boundary Test

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

Cycles:

TS2.1 1141.00 Cycles  
 TS2.2 1108.00 Cycles  
 TS2.3 1013.00 Cycles  
 TS2.4 1039.00 Cycles  
 TS2.5 1013.00 Cycles  
 TS2.6 1031.00 Cycles  
 TS2.7 1088.00 Cycles  
 TS2.8 564.00 Cycles  
 TS2.9 556.00 Cycles  
 TS2.10 1048.00 Cycles  
 TS2.11 1031.00 Cycles  
 TS2.12 1031.00 Cycles  
 TS2.13 995.00 Cycles  
 TS2.14 995.00 Cycles  
 TS2.15 995.00 Cycles  
 TS2.16 995.00 Cycles  
 TS2.17 1031.00 Cycles

**Description** Vector Description:

TS2.1SriComEngOn\_Cnt\_T\_lgc=>min  
 TS2.2SriComEngOn\_Cnt\_T\_lgc=>max  
 TS2.3SriComSPMOn\_Cnt\_T\_lgc=>min  
 TS2.4SriComSPMOn\_Cnt\_T\_lgc=>max  
 TS2.5EPSEn\_Cnt\_T\_lgc=>min  
 TS2.6EPSEn\_Cnt\_T\_lgc=>max  
 TS2.7k\_IGNDiagTime\_mS\_u16p0=>min  
 TS2.8k\_IGNDiagTime\_mS\_u16p0=>max  
 TS2.9k\_IGNDiagTime\_mS\_u16p0=>mid/Default  
 TS2.10Rte\_Call\_SystemTime\_DtrmnElapsedTime\_mS\_u16=>min  
 TS2.11Rte\_Call\_SystemTime\_DtrmnElapsedTime\_mS\_u16=>max  
 TS2.12Rte\_Call\_SystemTime\_DtrmnElapsedTime\_mS\_u16=>mid  
 TS2.13Rte\_Call\_SystemTime\_GetSystemTime\_mS\_u32=>min  
 TS2.14Rte\_Call\_SystemTime\_GetSystemTime\_mS\_u32=>max  
 TS2.15Rte\_Call\_SystemTime\_GetSystemTime\_mS\_u32=>mid  
 TS2.16All min  
 TS2.17All max

## Test Step 2.1 (Repeat Count = 1)

Name	Input Value		
EPSEn_Cnt_T_lgc	0		
IGNDiagStartTime_mS_M_u32p0	1596		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
SrlComEngOn_Cnt_T_lgc	0		
SrlComSPMOn_Cnt_T_lgc	1		
k_IGNDiagTime_mS_u16p0	300		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	4500		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	5555		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1596	1596	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓

## Test Step 2.2 (Repeat Count = 1)

Name	Input Value		
EPSEn_Cnt_T_lgc	1		
IGNDiagStartTime_mS_M_u32p0	2514		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
SrlComEngOn_Cnt_T_lgc	1		
SrlComSPMOn_Cnt_T_lgc	0		
k_IGNDiagTime_mS_u16p0	4000		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	3000		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	6666		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	6666	6666	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔



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Name	Actual Value	Expected Value	Result
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.3 (Repeat Count = 1)				
Name	Input Value			
EPSEn_Cnt_T_lgc	0			
IGNDiagStartTime_mS_M_u32p0	7485			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren			
SrComEngOn_Cnt_T_lgc	0			
SrComSPMon_Cnt_T_lgc	0			
k_IGNDiagTime_mS_u16p0	250			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	4525			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	7777			
Name	Actual Value	Expected Value	Result	
IGNDiagStartTime_mS_M_u32p0	7777	7777	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.4 (Repeat Count = 1)				
Name	Input Value			
EPSEn_Cnt_T_lgc	1			
IGNDiagStartTime_mS_M_u32p0	9325			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren			
SrComEngOn_Cnt_T_lgc	1			
SrComSPMon_Cnt_T_lgc	1			
k_IGNDiagTime_mS_u16p0	5500			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	1230			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	8888			
Name	Actual Value	Expected Value	Result	
IGNDiagStartTime_mS_M_u32p0	8888	8888	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓

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Test Step 2.5 (Repeat Count = 1)				
Name	Input Value			
EPSEn_Cnt_T_lgc	0			
IGNDiagStartTime_mS_M_u32p0	8541			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren			
SrIComEngOn_Cnt_T_lgc	0			
SrIComSPMOn_Cnt_T_lgc	0			
k_IGNDiagTime_mS_u16p0	2500			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	40000			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	9999			
Name	Actual Value	Expected Value	Result	
IGNDiagStartTime_mS_M_u32p0	9999	9999	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.6 (Repeat Count = 1)				
Name	Input Value			
EPSEn_Cnt_T_lgc	1			
IGNDiagStartTime_mS_M_u32p0	6325			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren			
SrIComEngOn_Cnt_T_lgc	1			
SrIComSPMOn_Cnt_T_lgc	0			
k_IGNDiagTime_mS_u16p0	1200			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	55200			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	1000			
Name	Actual Value	Expected Value	Result	
IGNDiagStartTime_mS_M_u32p0	1000	1000	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.7 (Repeat Count = 1)				
Name	Input Value			
EPSEn_Cnt_T_lgc	0			
IGNDiagStartTime_mS_M_u32p0	4500			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren			
SrIComEngOn_Cnt_T_lgc	1			
SrIComSPMOn_Cnt_T_lgc	0			
k_IGNDiagTime_mS_u16p0	0			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	35000			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	1234			
Name	Actual Value	Expected Value	Result	
IGNDiagStartTime_mS_M_u32p0	4500	4500	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓

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## Test Step 2.8 (Repeat Count = 1) ✓

Name	Input Value		
EPSEn_Cnt_T_lgc	0		
IGNDiagStartTime_mS_M_u32p0	3000		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
SrlComEngOn_Cnt_T_lgc	0		
SrlComSPMon_Cnt_T_lgc	1		
k_IGNDiagTime_mS_u16p0	60000		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	41250		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	645		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	3000	3000	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	*none*	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	*none*	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	*none*	✔

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.9 (Repeat Count = 1) ✓

Name	Input Value		
EPSEn_Cnt_T_lgc	0		
IGNDiagStartTime_mS_M_u32p0	4525		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
SrlComEngOn_Cnt_T_lgc	1		
SrlComSPMon_Cnt_T_lgc	1		
k_IGNDiagTime_mS_u16p0	5000		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	2300		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	6867		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	4525	4525	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	*none*	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	*none*	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	*none*	✔

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

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

Name	Input Value		
EPSEn_Cnt_T_lgc	0		
IGNDiagStartTime_mS_M_u32p0	1230		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
SrlComEngOn_Cnt_T_lgc	1		
SrlComSPMon_Cnt_T_lgc	1		
k_IGNDiagTime_mS_u16p0	123		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	0		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	89089		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1230	1230	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	*none*	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	*none*	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	*none*	✔

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

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Test Step 2.11 (Repeat Count = 1)				
Name	Input Value			
EPSEn_Cnt_T_lgc	0			
IGNDiagStartTime_mS_M_u32p0	40000			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren			
SriComEngOn_Cnt_T_lgc	1			
SriComSPMon_Cnt_T_lgc	1			
k_IGNDiagTime_mS_u16p0	4500			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	65535			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	1452			
Name	Actual Value	Expected Value	Result	
IGNDiagStartTime_mS_M_u32p0	40000	40000	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.12 (Repeat Count = 1)				
Name	Input Value			
EPSEn_Cnt_T_lgc	0			
IGNDiagStartTime_mS_M_u32p0	55200			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren			
SriComEngOn_Cnt_T_lgc	1			
SriComSPMon_Cnt_T_lgc	1			
k_IGNDiagTime_mS_u16p0	6500			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	38000			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	6874			
Name	Actual Value	Expected Value	Result	
IGNDiagStartTime_mS_M_u32p0	55200	55200	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.13 (Repeat Count = 1)				
Name	Input Value			
EPSEn_Cnt_T_lgc	1			
IGNDiagStartTime_mS_M_u32p0	35000			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren			
SriComEngOn_Cnt_T_lgc	0			
SriComSPMon_Cnt_T_lgc	0			
k_IGNDiagTime_mS_u16p0	8000			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	1230			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	0			
Name	Actual Value	Expected Value	Result	
IGNDiagStartTime_mS_M_u32p0	0	0	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓	

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.14 (Repeat Count = 1)

Name	Input Value		
EPSEn_Cnt_T_lgc	1		
IGNDiagStartTime_mS_M_u32p0	41250		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
SrIComEngOn_Cnt_T_lgc	0		
SrIComSPMon_Cnt_T_lgc	0		
k_IGNDiagTime_mS_u16p0	7500		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	40000		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	4294967295		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	4294967295	4294967295	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.15 (Repeat Count = 1)

Name	Input Value		
EPSEn_Cnt_T_lgc	1		
IGNDiagStartTime_mS_M_u32p0	2300		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
SrlComEngOn_Cnt_T_lgc	0		
SrlComSPMon_Cnt_T_lgc	0		
k_IGNDiagTime_mS_u16p0	4500		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	55200		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	2147483647		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	2147483647	2147483647	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.16 (Repeat Count = 1)

Name	Input Value		
EPSEn_Cnt_T_lgc	0		
IGNDiagStartTime_mS_M_u32p0	0		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
SrIComEngOn_Cnt_T_lgc	0		
SrIComSPMon_Cnt_T_lgc	0		
k_IGNDiagTime_mS_u16p0	0		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	0		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	0		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	0	0	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔

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Name	Actual Value	Expected Value	Result
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.17 (Repeat Count = 1)				
Name	Input Value			
EPSEn_Cnt_T_lgc	1			
IGNDiagStartTime_mS_M_u32p0	4294967295			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren			
SrlComEngOn_Cnt_T_lgc	1			
SrlComSPMon_Cnt_T_lgc	1			
k_IGNDiagTime_mS_u16p0	60000			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	65535			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	4294967295			
Name	Actual Value	Expected Value	Result	
IGNDiagStartTime_mS_M_u32p0	4294967295	4294967295	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓

Test Case 3: Path Test				
Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment)			
	Cycles:			
	TC3.1	4496.00	Cycles	
	TC3.2	3502.00	Cycles	
	TC3.3	3880.00	Cycles	
	TC3.4	3092.00	Cycles	
	TC3.5	3161.00	Cycles	
	TC3.6	4757.00	Cycles	
Description	Vector Description:			
	TC3.1 if (((TRUE == SrlComEngOn_Cnt_T_lgc)T    (TRUE == SrlComSPMon_Cnt_T_lgc)) F&& (FALSE == EPSEn_Cnt_T_lgc))F TC3.2 if (((TRUE == SrlComEngOn_Cnt_T_lgc)F    (TRUE == SrlComSPMon_Cnt_T_lgc)) T&& (FALSE == EPSEn_Cnt_T_lgc))T TC3.3 if (((TRUE == SrlComEngOn_Cnt_T_lgc)F    (TRUE == SrlComSPMon_Cnt_T_lgc)) F&& (FALSE == EPSEn_Cnt_T_lgc))F TC3.4 if (((TRUE == SrlComEngOn_Cnt_T_lgc)T    (TRUE == SrlComSPMon_Cnt_T_lgc))T&& (FALSE == EPSEn_Cnt_T_lgc))T TC3.5 (((TRUE == SrlComEngOn_Cnt_T_lgc)==>False    (TRUE == SrlComSPMon_Cnt_T_lgc)==>False) && (FALSE == EPSEn_Cnt_T_lgc)) TC3.6 (((TRUE == SrlComEngOn_Cnt_T_lgc)==>False    (TRUE == SrlComSPMon_Cnt_T_lgc)==>True) && (FALSE == EPSEn_Cnt_T_lgc)==>True)			

Test Step 3.1 (Repeat Count = 1)				
Name	Input Value			
EPSEn_Cnt_T_lgc	0			
IGNDiagStartTime_mS_M_u32p0	100			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren			
SrlComEngOn_Cnt_T_lgc	1			
SrlComSPMon_Cnt_T_lgc	0			
k_IGNDiagTime_mS_u16p0	2500			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	40000			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	9999			
Name	Actual Value	Expected Value	Result	
IGNDiagStartTime_mS_M_u32p0	100	100	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓	

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓

## Test Step 3.2 (Repeat Count = 1)

Name	Input Value		
EPSEn_Cnt_T_lgc	1		
IGNDiagStartTime_mS_M_u32p0	200		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
SrlComEngOn_Cnt_T_lgc	0		
SrlComSPMon_Cnt_T_lgc	1		
k_IGNDiagTime_mS_u16p0	4500		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	65535		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	1452		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1452	1452	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 3.3 (Repeat Count = 1)

Name	Input Value		
EPSEn_Cnt_T_lgc	0		
IGNDiagStartTime_mS_M_u32p0	300		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
SrlComEngOn_Cnt_T_lgc	1		
SrlComSPMon_Cnt_T_lgc	0		
k_IGNDiagTime_mS_u16p0	3400		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	1230		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	89089		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	300	300	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	*none*	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	*none*	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 3.4 (Repeat Count = 1)

Name	Input Value		
EPSEn_Cnt_T_lgc	1		
IGNDiagStartTime_mS_M_u32p0	400		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
SrComEngOn_Cnt_T_lgc	1		
SrComSPMon_Cnt_T_lgc	1		
k_IGNDiagTime_mS_u16p0	123		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	1230		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	89089		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	89089	89089	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔

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Name	Actual Value	Expected Value	Result
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 3.5 (Repeat Count = 1) ✓

Name	Input Value		
EPSEn_Cnt_T_lgc	0		
IGNDiagStartTime_mS_M_u32p0	7485		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
SrlComEngOn_Cnt_T_lgc	0		
SrlComSPMon_Cnt_T_lgc	0		
k_IGNDiagTime_mS_u16p0	250		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	4525		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	7777		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	7777	7777	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✔

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 3.6 (Repeat Count = 1) ✓

Name	Input Value		
EPSEn_Cnt_T_lgc	0		
IGNDiagStartTime_mS_M_u32p0	1596		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
SrlComEngOn_Cnt_T_lgc	0		
SrlComSPMon_Cnt_T_lgc	1		
k_IGNDiagTime_mS_u16p0	300		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	4500		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	5555		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1596	1596	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✔

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓



# TEST DETAILS REPORT

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VehPwrMd\_Tms1



Project	VehPwrMd
Module	VehPwrMd
Test Object	VehPwrMd_Tms1

## 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\VehPwrMd
Configuration File	D:\Synergy_Work_Area\VehPwrMd\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\VehPwrMd\src\Ap_VehPwrMd.c
Compiler Options	-Dconst= -D_DATA_ACCESS= -Dstatic= -I\$(PROJECTROOT)\VehPwrMd\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(Compiler Install Path)\include -I\$(PROJECTROOT)\VehPwrMd\include -I\$(PROJECTROOT)\VehPwrMd\utp\contract\Ap_VehPwrMd

## Comments/Description/Specification

Name	Text
Module 'VehPwrMd'	***** Name of Tester:Spoorti Mali Code File(s) Under Test: Ap_VehPwrMd.c Code File(s) Version:2 Module Design Document:Vehicle_Power_Mode_MDD.docx Module Design Document Version:1 Data Dictionary Version:2 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):416 Total RAM Used (Bytes):8 Total CALS Used (Bytes):14 Special Test Requirements: Test Date:07-03-2015 Comments:"Note 1: Inline functions defined in globalmacro.h are not unit tested. Note 2: ""CBD_Sandbox_dbg.map""map file is embedded for reference." *****

## Attributes

Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\VehPwrMd\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

# TEST DETAILS REPORT

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VehPwrMd\_Tms1



## Test Case 1: Boundary Test

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

Cycles:

TS1.1 1092.00 Cycles

**Description** Vector Description:

TS1.1: Call trace is checked

## Test Step 1.1 (Repeat Count = 1)

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CanStop	2	CanStop	2	✓

# 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\VehPwrMd
Configuration File	D:\Synergy_Work_Area\VehPwrMd\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\VehPwrMd\src\Ap_VehPwrMd.c
Compiler Options	-Dconst= -D_DATA_ACCESS= -Dstatic= -I\$(PROJECTROOT)\VehPwrMd\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(Compiler Install Path)\include -I\$(PROJECTROOT)\VehPwrMd\include -I\$(PROJECTROOT)\VehPwrMd\utp\contract\Ap_VehPwrMd

## Comments/Description/Specification

Name	Text
Module 'VehPwrMd'	***** Name of Tester:Spoorti Mali Code File(s) Under Test: Ap_VehPwrMd.c Code File(s) Version:2 Module Design Document:Vehicle_Power_Mode_MDD.docx Module Design Document Version:1 Data Dictionary Version:2 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):416 Total RAM Used (Bytes):8 Total CALS Used (Bytes):14 Special Test Requirements: Test Date:07-03-2015 Comments:"Note 1: Inline functions defined in globalmacro.h are not unit tested. Note 2: ""CBD_Sandbox_dbg.map""map file is embedded for reference." *****

## Attributes

Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles

# TEST DETAILS REPORT

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VehPwrMd\_Per1



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

# TEST DETAILS REPORT

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VehPwrMd\_Per1

## Test Case 1: Metrics Test

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

Cycles:

TS1.1 3615.00 Cycles  
TS1.2 3411.00 Cycles

**Description** Vector Description:

TS1.1 "Longest Execution Path:  
if (TRUE == EngONSrComSvcDft\_Cnt\_T\_lgc)=>FALSE,  
if ((TRUE == EPSEn\_Cnt\_T\_lgc) ||  
((RTE\_MODE\_StaMd\_Mode\_OPERATE == SystemState\_Cnt\_T\_enum) &&  
(TRUE == SrlComSPMon\_Cnt\_T\_lgc)))=>FALSE,  
if (((TRUE == SrlComEngOn\_Cnt\_T\_lgc) &&  
(FALSE == EngMissingFlt\_Cnt\_T\_lgc)) ||  
(RTE\_MODE\_StaMd\_Mode\_OPERATE == SystemState\_Cnt\_T\_enum) &&  
(TRUE == VehSpdValid\_Cnt\_T\_lgc) &&  
(VehSpd\_Kph\_T\_f32 > k\_RmpDnAsstVehSpdLimit\_Kph\_f32)))=>FALSE,  
if ((FALSE == CTermActive\_Cnt\_T\_lgc) || (FALSE == ATermActive\_Cnt\_T\_lgc))=>TRUE"  
TS1.2 "Shortest Execution Path:  
if (TRUE == EngONSrComSvcDft\_Cnt\_T\_lgc)=>TRUE,  
if (TRUE == EPSEn\_Cnt\_T\_lgc)=>TRUE"

## Test Step 1.1 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	1234
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0
k_IGNDiagTime_mS_u16p0	300
k_RampDnRt_UlspmS_f32	0.100000001
k_RampUpRtLoSpd_UlspmS_f32	0.200000003
k_RmpDnAsstVehSpdLimit_Kph_f32	125.300003
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	0
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	4500
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	5555
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrlComEngOn_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComSPMon_Cnt_lgc	tgt_VehPwrMd_Per1_SrlComSPMon_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_SrlComEngOn_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_SrlComSPMon_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	120.300003

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1234	1234	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.100000001	0.100000001 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

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## Test Step 1.2 (Repeat Count = 1) ✓

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	645
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4
k_IGNDiagTime_mS_u16p0	4000
k_RampDnRt_UlspmS_f32	0.200000003
k_RampUpRtLoSpd_UlspmS_f32	0.300000012
k_RmpDnAsstVehSpdLimit_Kph_f32	254.100006
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	1
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	3000
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	6666
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	250.5

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	6666	6666	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.300000012	0.300000012 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

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## Test Case 2: Boundary Test

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

Cycles:

TS2.1 3615.00 Cycles  
TS2.2 3411.00 Cycles  
TS2.3 3461.00 Cycles  
TS2.4 3372.00 Cycles  
TS2.5 3439.00 Cycles  
TS2.6 3372.00 Cycles  
TS2.7 3439.00 Cycles  
TS2.8 3372.00 Cycles  
TS2.9 3441.00 Cycles  
TS2.10 3408.00 Cycles  
TS2.11 3441.00 Cycles  
TS2.12 3450.00 Cycles  
TS2.13 3540.00 Cycles  
TS2.14 3417.00 Cycles  
TS2.15 3481.00 Cycles  
TS2.16 3494.00 Cycles  
TS2.17 3408.00 Cycles  
TS2.18 3496.00 Cycles  
TS2.19 3424.00 Cycles  
TS2.20 3343.00 Cycles  
TS2.21 2956.00 Cycles  
TS2.22 3465.00 Cycles  
TS2.23 3382.00 Cycles  
TS2.24 3424.00 Cycles  
TS2.25 3415.00 Cycles  
TS2.26 3373.00 Cycles  
TS2.27 3441.00 Cycles  
TS2.28 3408.00 Cycles  
TS2.29 3372.00 Cycles  
TS2.30 3423.00 Cycles  
TS2.31 3372.00 Cycles  
TS2.32 3374.00 Cycles

**Description** Vector Description:

TS2.1EngONSrIComSvcDft\_Cnt\_Igc=>Min  
TS2.2EngONSrIComSvcDft\_Cnt\_Igc=>Max  
TS2.3SrlComEngOn\_Cnt\_Igc=>Min  
TS2.4SrlComEngOn\_Cnt\_Igc=>Max  
TS2.5SrlComSPMOn\_Cnt\_Igc=>Min  
TS2.6SrlComSPMOn\_Cnt\_Igc=>Max  
TS2.7VehSpdValid\_Cnt\_Igc=>Min  
TS2.8VehSpdValid\_Cnt\_Igc=>Max  
TS2.9VehSpd\_Kph\_f32=>Min  
TS2.10VehSpd\_Kph\_f32=>Max  
TS2.11VehSpd\_Kph\_f32=>Mid  
TS2.12k\_RmpDnAsstVehSpdLimit\_Kph\_f32=Min  
TS2.13k\_RmpDnAsstVehSpdLimit\_Kph\_f32=Max  
TS2.14k\_RmpDnAsstVehSpdLimit\_Kph\_f32=Mid  
TS2.15k\_RmpDnAsstVehSpdLimit\_Kph\_f32=Default  
TS2.16k\_RampDnRt\_UlspmS\_f32=>Min  
TS2.17k\_RampDnRt\_UlspmS\_f32=>Max  
TS2.18k\_RampDnRt\_UlspmS\_f32=>Mid/Default  
TS2.19k\_RampUpRtLoSpd\_UlspmS\_f32=>Min  
TS2.20k\_RampUpRtLoSpd\_UlspmS\_f32=>Max  
TS2.21k\_RampUpRtLoSpd\_UlspmS\_f32=>Mid/Default  
TS2.22Rte\_Call\_NxtrDiagMgr\_GetNTCFailed=Min  
TS2.23Rte\_Call\_NxtrDiagMgr\_GetNTCFailed=Max  
TS2.24Rte\_Mode\_SystemState\_Mode=>RTE\_MODE\_StaMd\_Mode\_DISABLE  
TS2.25Rte\_Mode\_SystemState\_Mode=>RTE\_MODE\_StaMd\_Mode\_OFF  
TS2.26Rte\_Mode\_SystemState\_Mode=>RTE\_MODE\_StaMd\_Mode\_OPERATE  
TS2.27Rte\_Mode\_SystemState\_Mode=>RTE\_MODE\_StaMd\_Mode\_WARNINIT  
TS2.28Rte\_Mode\_SystemState\_Mode=>RTE\_TRANSITION\_StaMd\_Mode  
TS2.29Rte\_Call\_EpsEn\_OP\_GET=>Min  
TS2.30Rte\_Call\_EpsEn\_OP\_GET=>Max  
TS2.31All min  
TS2.32All max

## Test Step 2.1 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	1234
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_Igc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0
k_IGNDiagTime_mS_u16p0	300
k_RampDnRt_UlspmS_f32	0.100000001
k_RampUpRtLoSpd_UlspmS_f32	0.200000003
k_RmpDnAsstVehSpdLimit_Kph_f32	125.300003
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	0
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	4500
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	5555
tgt_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_ATermActive_Cnt_Igc	tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc

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Name	Input Value
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMon_Cnt_Igc	tgt_VehPwrMd_Per1_SrComSPMon_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc.value	0
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_Igc.value	0
tgt_VehPwrMd_Per1_SrComSPMon_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	0
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	120.300003

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1234	1234	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.100000001	0.100000001 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.2 (Repeat Count = 1) ✓

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	645
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_Igc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4
k_IGNDiagTime_mS_u16p0	4000
k_RampDnRt_UlspmS_f32	0.200000003
k_RampUpRtLoSpd_UlspmS_f32	0.300000012
k_RmpDnAsstVehSpdLimit_Kph_f32	254.100006
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	1
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	3000
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	6666
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMon_Cnt_Igc	tgt_VehPwrMd_Per1_SrComSPMon_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_SrComSPMon_Cnt_Igc.value	0
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	250.5

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	6666	6666	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓



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Name	Actual Value	Expected Value	Result
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.300000012	0.300000012 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

Test Step 2.3 (Repeat Count = 1)				
Name	Input Value			
IGNDiagStartTime_mS_M_u32p0	6867			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal			
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_Igc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_Ptr			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren			
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1			
k_IGNDiagTime_mS_u16p0	250			
k_RampDnRt_UlspmS_f32	0.300000012			
k_RampUpRtLoSpd_UlspmS_f32	0.400000006			
k_RmpDnAsstVehSpdLimit_Kph_f32	250.5			
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	0			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	4525			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	7777			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComEngOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32			
tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0			
tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc.value	0			
tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc.value	1			
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	0			
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	40.2000008			
Name	Actual Value	Expected Value	Result	
IGNDiagStartTime_mS_M_u32p0	6867	6867	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓	
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓	
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✓	
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.300000012	0.300000012 ± 0.0001	✓	
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

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## Test Step 2.4 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	89089
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_IGNDiagTime_mS_u16p0	5500
k_RampDnRt_UlspmS_f32	0.400000006
k_RampUpRtLoSpd_UlspmS_f32	0.5
k_RmpDnAsstVehSpdLimit_Kph_f32	40.2000008
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_Ptr	0
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	1230
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	8888
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	112.199997

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	8888	8888	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.5	0.5 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.5 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	1452
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3
k_IGNDiagTime_mS_u16p0	2500
k_RampDnRt_UlspmS_f32	0.5
k_RampUpRtLoSpd_UlspmS_f32	0.600000024
k_RmpDnAsstVehSpdLimit_Kph_f32	112.199997
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_Ptr	0
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	40000
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	9999
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc

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Name	Input Value		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComEngOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0		
tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc.value	0		
tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc.value	0		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	0		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	85.3000031		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	9999	9999	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✔
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	0	0	✔
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✔
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.5	0.5 ± 0.0001	✔
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.6 (Repeat Count = 1)

Name	Input Value		
IGNDiagStartTime_mS_M_u32p0	6874		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4		
k_IGNDiagTime_mS_u16p0	1200		
k_RampDnRt_UlspmS_f32	0.600000024		
k_RampUpRtLoSpd_UlspmS_f32	0.75		
k_RmpDnAsstVehSpdLimit_Kph_f32	85.3000031		
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	1		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	55200		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	1000		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	90.5		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1000	1000	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✔
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔

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VehPwrMd\_Per1

Name	Actual Value	Expected Value	Result
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.75	0.75 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.7 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	8888
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_IGNDiagTime_mS_u16p0	250
k_RampDnRt_UlspmS_f32	0.75
k_RampUpRtLoSpd_UlspmS_f32	0.800000012
k_RmpDnAsstVehSpdLimit_Kph_f32	90.5
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	0
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	35000
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	1234
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	140.5

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1234	1234	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.75	0.75 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

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VehPwrMd\_Per1

## Test Step 2.8 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	9999
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_IGNDiagTime_mS_u16p0	5500
k_RampDnRt_UlspmS_f32	0.800000012
k_RampUpRtLoSpd_UlspmS_f32	0.899999976
k_RmpDnAsstVehSpdLimit_Kph_f32	140.5
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_Ptr	0
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	41250
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	645
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMon_Cnt_lgc	tgt_VehPwrMd_Per1_SrComSPMon_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_SrComSPMon_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	400

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	645	645	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.899999976	0.899999976 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.9 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	1000
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3
k_IGNDiagTime_mS_u16p0	2500
k_RampDnRt_UlspmS_f32	0.899999976
k_RampUpRtLoSpd_UlspmS_f32	0.0199999996
k_RmpDnAsstVehSpdLimit_Kph_f32	140.5
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_Ptr	1
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	2300
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	6867
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc

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VehPwrMd\_Per1

Name	Input Value		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComEngOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0		
tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc.value	0		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	0		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	6867	6867	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✔
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✔
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.899999976	0.899999976 ± 0.0001	✔
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.10 (Repeat Count = 1)

Name	Input Value		
IGNDiagStartTime_mS_M_u32p0	1234		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_IGNDiagTime_mS_u16p0	1200		
k_RampDnRt_UlspmS_f32	0.0199999996		
k_RampUpRtLoSpd_UlspmS_f32	0.0500000007		
k_RmpDnAsstVehSpdLimit_Kph_f32	155.199997		
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	0		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	1230		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	89089		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_lgc.value	0		
tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	511		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1234	1234	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✔
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✔
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔



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VehPwrMd\_Per1

Name	Actual Value	Expected Value	Result
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.0199999996	0.0199999996 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.11 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	645
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_IGNDiagTime_mS_u16p0	4500
k_RampDnRt_UlspmS_f32	0.0500000007
k_RampUpRtLoSpd_UlspmS_f32	0.2000000003
k_RmpDnAsstVehSpdLimit_Kph_f32	254.100006
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	0
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	40000
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	1452
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	250.199997

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1452	1452	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.2000000003	0.2000000003 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

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VehPwrMd\_Per1

## Test Step 2.12 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	6867
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_IGNDiagTime_mS_u16p0	6500
k_RampDnRt_UlspmS_f32	0.200000003
k_RampUpRtLoSpd_UlspmS_f32	0.0199999996
k_RmpDnAsstVehSpdLimit_Kph_f32	0
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_Ptr	1
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	55200
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	6874
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMon_Cnt_lgc	tgt_VehPwrMd_Per1_SrComSPMon_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_SrComSPMon_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	350.200012

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	6867	6867	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.0199999996	0.0199999996 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.13 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	89089
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_IGNDiagTime_mS_u16p0	8000
k_RampDnRt_UlspmS_f32	0.0199999996
k_RampUpRtLoSpd_UlspmS_f32	0.0500000007
k_RmpDnAsstVehSpdLimit_Kph_f32	255
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_Ptr	1
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	35000
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	8888
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc



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VehPwrMd\_Per1

Name	Input Value		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc.value	0		
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	254.100006		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	8888	8888	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✔
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✔
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.0199999996	0.0199999996 ± 0.0001	✔
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.14 (Repeat Count = 1)

Name	Input Value		
IGNDiagStartTime_mS_M_u32p0	1452		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3		
k_IGNDiagTime_mS_u16p0	7500		
k_RampDnRt_UlspmS_f32	0.0500000007		
k_RampUpRtLoSpd_UlspmS_f32	0.75		
k_RmpDnAsstVehSpdLimit_Kph_f32	120.5		
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	0		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	41250		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	9999		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrlComEngOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComSPMOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrlComSPMOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
tgt_VehPwrMd_Per1_SrlComEngOn_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_SrlComSPMOn_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	250.5		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1452	1452	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✔
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔

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VehPwrMd\_Per1

Name	Actual Value	Expected Value	Result
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.75	0.75 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

Test Step 2.15 (Repeat Count = 1)				
Name	Input Value			
IGNDiagStartTime_mS_M_u32p0	1234			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal			
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren			
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
k_IGNDiagTime_mS_u16p0	1200			
k_RampDnRt_UlspmS_f32	0.01999999996			
k_RampUpRtLoSpd_UlspmS_f32	0.0500000007			
k_RmpDnAsstVehSpdLimit_Kph_f32	10			
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	0			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	1230			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	89089			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32			
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	1			
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc.value	0			
tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc.value	1			
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	511			
Name	Actual Value	Expected Value	Result	
IGNDiagStartTime_mS_M_u32p0	1234	1234	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓	
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✓	
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✓	
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.01999999996	0.01999999996 ± 0.0001	✓	
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

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VehPwrMd\_Per1

## Test Step 2.16 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	6874
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_IGNDiagTime_mS_u16p0	4500
k_RampDnRt_UlspmS_f32	2.99999992e-005
k_RampUpRtLoSpd_UlspmS_f32	0.800000012
k_RmpDnAsstVehSpdLimit_Kph_f32	125.300003
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_Ptr	1
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	55200
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	1000
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMon_Cnt_lgc	tgt_VehPwrMd_Per1_SrComSPMon_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_SrComSPMon_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	40.2000008

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	6874	6874	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	2.99999992e-005	2.99999992e-005 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.17 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	8888
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_IGNDiagTime_mS_u16p0	250
k_RampDnRt_UlspmS_f32	1
k_RampUpRtLoSpd_UlspmS_f32	0.899999976
k_RmpDnAsstVehSpdLimit_Kph_f32	254.100006
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_Ptr	1
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	1230
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	1234
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc

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VehPwrMd\_Per1

Name	Input Value		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComEngOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0		
tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc.value	0		
tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	112.199997		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1234	1234	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✔
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✔
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	1	1 ± 0.0001	✔
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.18 (Repeat Count = 1)

Name	Input Value		
IGNDiagStartTime_mS_M_u32p0	9999		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_IGNDiagTime_mS_u16p0	5500		
k_RampDnRt_UlspmS_f32	0.0005000000024		
k_RampUpRtLoSpd_UlspmS_f32	0.01999999996		
k_RmpDnAsstVehSpdLimit_Kph_f32	250.5		
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	1		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	40000		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	645		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc.value	0		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	85.3000031		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	9999	9999	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✔
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✔
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✔

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VehPwrMd\_Per1

Name	Actual Value	Expected Value	Result
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000500000024	0.000500000024 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.19 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	1000
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_IGNDiagTime_mS_u16p0	2500
k_RampDnRt_UlspmS_f32	0.300000012
k_RampUpRtLoSpd_UlspmS_f32	2.99999992e-005
k_RmpDnAsstVehSpdLimit_Kph_f32	40.2000008
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	1
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	55200
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	6867
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	90.5

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	6867	6867	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	2.99999992e-005	2.99999992e-005 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

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VehPwrMd\_Per1

## Test Step 2.20 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	1234
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_IGNDiagTime_mS_u16p0	1200
k_RampDnRt_UlspmS_f32	0.400000006
k_RampUpRtLoSpd_UlspmS_f32	1
k_RmpDnAsstVehSpdLimit_Kph_f32	112.199997
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	0
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	35000
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	89089
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMON_Cnt_lgc	tgt_VehPwrMd_Per1_SrComSPMON_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_SrComSPMON_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	140.5

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	89089	89089	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	1	1 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.21 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	645
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_IGNDiagTime_mS_u16p0	250
k_RampDnRt_UlspmS_f32	0.5
k_RampUpRtLoSpd_UlspmS_f32	0.000500000024
k_RmpDnAsstVehSpdLimit_Kph_f32	85.3000031
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	1
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	41250
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	1452
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc



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VehPwrMd\_Per1

Name	Input Value		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_Igc.value	0		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	400		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1452	1452	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✔
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✔
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000500000024	0.000500000024 ± 0.0001	✔
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

Test Step 2.22 (Repeat Count = 1)				✔
Name		Input Value		
IGNDiagStartTime_mS_M_u32p0		6867		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)		tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)		tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)		tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
Rte_Inst_Ap_VehPwrMd		tgt_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()		3		
k_IGNDiagTime_mS_u16p0		5500		
k_RampDnRt_UlspmS_f32		0.600000024		
k_RampUpRtLoSpd_UlspmS_f32		0.200000003		
k_RmpDnAsstVehSpdLimit_Kph_f32		90.5		
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		0		
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr		0		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		1230		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		6874		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc		tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc		tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc		tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32		tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32		tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComEngOn_Cnt_lgc		tgt_VehPwrMd_Per1_SrlComEngOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComSPMOn_Cnt_lgc		tgt_VehPwrMd_Per1_SrlComSPMOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc		tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32		tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value		0		
tgt_VehPwrMd_Per1_SrlComEngOn_Cnt_lgc.value		1		
tgt_VehPwrMd_Per1_SrlComSPMOn_Cnt_lgc.value		1		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value		1		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value		250.5		
Name	Actual Value	Expected Value	Result	
IGNDiagStartTime_mS_M_u32p0	6867	6867	✔	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	*none*	✔	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	*none*	✔	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✔	
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔	
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔	

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VehPwrMd\_Per1

Name	Actual Value	Expected Value	Result
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.200000003	0.200000003 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.23 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	89089
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_IGNDiagTime_mS_u16p0	2500
k_RampDnRt_UlspmS_f32	0.75
k_RampUpRtLoSpd_UlspmS_f32	0.300000012
k_RmpDnAsstVehSpdLimit_Kph_f32	140.5
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	1
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	40000
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	8888
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMon_Cnt_lgc	tgt_VehPwrMd_Per1_SrComSPMon_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_SrComSPMon_Cnt_lgc.value	1
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	40.2000008

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	8888	8888	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.75	0.75 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.24 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	5555



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VehPwrMd\_Per1

Name	Input Value		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0		
k_IGNDiagTime_mS_u16p0	1200		
k_RampDnRt_UlspmS_f32	0.800000012		
k_RampUpRtLoSpd_UlspmS_f32	0.400000006		
k_RmpDnAsstVehSpdLimit_Kph_f32	110.300003		
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	0		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	55200		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	9999		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc.value	0		
tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc.value	0		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	112.199997		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	5555	5555	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✔
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✔
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.800000012	0.800000012 ± 0.0001	✔
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.25 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	6666
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_IGNDiagTime_mS_u16p0	250
k_RampDnRt_UlspmS_f32	0.899999976
k_RampUpRtLoSpd_UlspmS_f32	0.5
k_RmpDnAsstVehSpdLimit_Kph_f32	254.100006
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	1
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	35000
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	1000
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32

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VehPwrMd\_Per1

Name	Input Value
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComEngOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrlComEngOn_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComSPMon_Cnt_Igc	tgt_VehPwrMd_Per1_SrlComSPMon_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc.value	0
tgt_VehPwrMd_Per1_SrlComEngOn_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_SrlComSPMon_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	85.3000031

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1000	1000	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.899999976	0.899999976 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 2.26 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	7777
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_Igc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_IGNDiagTime_mS_u16p0	5500
k_RampDnRt_UlspmS_f32	0.0199999996
k_RampUpRtLoSpd_UlspmS_f32	0.600000024
k_RmpDnAsstVehSpdLimit_Kph_f32	250.5
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	1
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	41250
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	1234
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	tgt_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComEngOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrlComEngOn_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComSPMon_Cnt_Igc	tgt_VehPwrMd_Per1_SrlComSPMon_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc.value	0
tgt_VehPwrMd_Per1_SrlComEngOn_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_SrlComSPMon_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	0
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	90.5

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	7777	7777	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.0199999996	0.0199999996 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓

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VehPwrMd\_Per1



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

Test Step 2.27 (Repeat Count = 1)				
Name	Input Value			
IGNDiagStartTime_mS_M_u32p0	8888			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal			
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren			
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3			
k_IGNDiagTime_mS_u16p0	2500			
k_RampDnRt_UlspmS_f32	0.0500000007			
k_RampUpRtLoSpd_UlspmS_f32	0.75			
k_RmpDnAsstVehSpdLimit_Kph_f32	40.2000008			
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1			
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	0			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	1230			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	645			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32			
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0			
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc.value	0			
tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc.value	0			
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	140.5			
Name	Actual Value	Expected Value	Result	
IGNDiagStartTime_mS_M_u32p0	645	645	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓	
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓	
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✓	
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.0500000007	0.0500000007 ± 0.0001	✓	
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

Test Step 2.28 (Repeat Count = 1)				
Name	Input Value			
IGNDiagStartTime_mS_M_u32p0	9999			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal			
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			

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Name	Input Value
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4
k_IGNDiagTime_mS_u16p0	1200
k_RampDnRt_UlspmS_f32	0.200000003
k_RampUpRtLoSpd_UlspmS_f32	0.800000012
k_RmpDnAsstVehSpdLimit_Kph_f32	112.199997
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	1
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	40000
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	6867
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc.value	0
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	0
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	400

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	9999	9999	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.200000003	0.200000003 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

Test Step 2.29 (Repeat Count = 1)	
Name	Input Value
IGNDiagStartTime_mS_M_u32p0	1000
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_Igc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_IGNDiagTime_mS_u16p0	250
k_RampDnRt_UlspmS_f32	0.300000012
k_RampUpRtLoSpd_UlspmS_f32	0.899999976
k_RmpDnAsstVehSpdLimit_Kph_f32	85.3000031
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	0
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	55200
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	89089
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc

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Name	Input Value
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	250.5

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1000	1000	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	0	0	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.300000012	0.300000012 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

Test Step 2.30 (Repeat Count = 1)				
Name		Input Value		
IGNDiagStartTime_mS_M_u32p0		2000		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)		tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_Igc)		tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)		tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
Rte_Inst_Ap_VehPwrMd		tgt_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()		1		
k_IGNDiagTime_mS_u16p0		5500		
k_RampDnRt_UlspmS_f32		0.400000006		
k_RampUpRtLoSpd_UlspmS_f32		0.0199999996		
k_RmpDnAsstVehSpdLimit_Kph_f32		90.5		
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		1		
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr		0		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		35000		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		1452		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc		tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc		tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc		tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32		tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32		tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComEngOn_Cnt_Igc		tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc		tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc		tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32		tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value		1		
tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc.value		1		
tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc.value		0		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value		1		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value		40.2000008		
Name		Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0		1452	1452	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)		184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)		1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)		0	0	✔
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value		1	1	✔
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value		1	1	✔
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value		0.0199999996	0.0199999996 ± 0.0001	✔
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value		1	1 ± 0.00390625	✔

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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

Test Step 2.31 (Repeat Count = 1)				
Name	Input Value			
IGNDiagStartTime_mS_M_u32p0	0			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal			
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren			
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0			
k_IGNDiagTime_mS_u16p0	0			
k_RampDnRt_UlspmS_f32	2.99999992e-005			
k_RampUpRtLoSpd_UlspmS_f32	2.99999992e-005			
k_RmpDnAsstVehSpdLimit_Kph_f32	0			
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	0			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	0			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	0			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32			
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0			
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc.value	0			
tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc.value	0			
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	0			
Name	Actual Value	Expected Value	Result	
IGNDiagStartTime_mS_M_u32p0	0	0	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓	
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✓	
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✓	
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	2.99999992e-005	2.99999992e-005 ± 0.0001	✓	
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

Test Step 2.32 (Repeat Count = 1)				
Name	Input Value			
IGNDiagStartTime_mS_M_u32p0	4294967295			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal			
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			



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Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4		
k_IGNDiagTime_mS_u16p0	60000		
k_RampDnRt_UlspmS_f32	1		
k_RampUpRtLoSpd_UlspmS_f32	1		
k_RmpDnAsstVehSpdLimit_Kph_f32	255		
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	1		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	65535		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	4294967295		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	511		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	4294967295	4294967295	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✔
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	1	1 ± 0.0001	✔
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

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## Test Case 3: Path Test

### Specification

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

Cycles:

TC3.1 9870.00 Cycles  
TC3.2 6246.00 Cycles  
TC3.3 9677.00 Cycles  
TC3.4 6305.00 Cycles  
TC3.5 9663.00 Cycles  
TC3.6 11276.00 Cycles  
TC3.7 10431.00 Cycles  
TC3.8 10080.00 Cycles  
TC3.9 10500.00 Cycles  
TC3.10 10010.00 Cycles  
TC3.11 10001.00 Cycles  
TC3.12 10885.00 Cycles

### Description

Vector Description:

TC3.1 if (TRUE == EngONSrComSvcDft\_Cnt\_T\_lgc)=>FALSE  
TC3.2 if (TRUE == EPSEn\_Cnt\_T\_lgc)=>TRUE  
TC3.3 "if ((TRUE == EPSEn\_Cnt\_T\_lgc) ||  
(RTE\_MODE\_StaMd\_Mode\_OPERATE == SystemState\_Cnt\_T\_enum) &&  
(TRUE == SrlComSPMon\_Cnt\_T\_lgc))=>TRUE"  
TC3.4 if (TRUE == EPSEn\_Cnt\_T\_lgc)=>FALSE  
TC3.5 "if (((FALSE == CTermActive\_Cnt\_T\_lgc) || (FALSE == ATermActive\_Cnt\_T\_lgc))=>FALSE,  
if (((TRUE == SrlComEngOn\_Cnt\_T\_lgc) &&  
(FALSE == EngMissingFit\_Cnt\_T\_lgc)) ||  
(RTE\_MODE\_StaMd\_Mode\_OPERATE == SystemState\_Cnt\_T\_enum) &&  
(TRUE == VehSpdValid\_Cnt\_T\_lgc) &&  
(VehSpd\_Kph\_T\_f32 > k\_RmpDnAsstVehSpdLimit\_Kph\_f32)))=>TRUE"  
TC3.6 "(((TRUE == EPSEn\_Cnt\_T\_lgc)==>False ||  
(RTE\_MODE\_StaMd\_Mode\_OPERATE == SystemState\_Cnt\_T\_enum)==>True &&  
(TRUE == SrlComSPMon\_Cnt\_T\_lgc)==>False))"  
TC3.7 "(((TRUE == EPSEn\_Cnt\_T\_lgc)==>False ||  
(RTE\_MODE\_StaMd\_Mode\_OPERATE == SystemState\_Cnt\_T\_enum)==>True &&  
(TRUE == SrlComSPMon\_Cnt\_T\_lgc)==>True)) && (((TRUE == SrlComEngOn\_Cnt\_T\_lgc)==>False &&  
(FALSE == EngMissingFit\_Cnt\_T\_lgc)) ||  
(RTE\_MODE\_StaMd\_Mode\_OPERATE == SystemState\_Cnt\_T\_enum)==>True &&  
(TRUE == VehSpdValid\_Cnt\_T\_lgc)==>False &&  
(VehSpd\_Kph\_T\_f32 > k\_RmpDnAsstVehSpdLimit\_Kph\_f32)))"  
TC3.8 "(((TRUE == SrlComEngOn\_Cnt\_T\_lgc)==>False &&  
(FALSE == EngMissingFit\_Cnt\_T\_lgc)) ||  
(RTE\_MODE\_StaMd\_Mode\_OPERATE == SystemState\_Cnt\_T\_enum)==>True &&  
(TRUE == VehSpdValid\_Cnt\_T\_lgc)==>True &&  
(VehSpd\_Kph\_T\_f32 > k\_RmpDnAsstVehSpdLimit\_Kph\_f32)))"  
TC3.9 "(((TRUE == SrlComEngOn\_Cnt\_T\_lgc)==>False &&  
(FALSE == EngMissingFit\_Cnt\_T\_lgc)) ||  
(RTE\_MODE\_StaMd\_Mode\_OPERATE == SystemState\_Cnt\_T\_enum)==>True &&  
(TRUE == VehSpdValid\_Cnt\_T\_lgc)==>True &&  
(VehSpd\_Kph\_T\_f32 > k\_RmpDnAsstVehSpdLimit\_Kph\_f32)==>True))"  
TC3.10 ((FALSE == CTermActive\_Cnt\_T\_lgc)==>False || (FALSE == ATermActive\_Cnt\_T\_lgc)==>True)  
TC3.11 "(((TRUE == SrlComEngOn\_Cnt\_T\_lgc) ==>True &&  
(FALSE == EngMissingFit\_Cnt\_T\_lgc))=>False ||  
(RTE\_MODE\_StaMd\_Mode\_OPERATE == SystemState\_Cnt\_T\_enum)==>True &&  
(TRUE == VehSpdValid\_Cnt\_T\_lgc)==>False &&  
(VehSpd\_Kph\_T\_f32 > k\_RmpDnAsstVehSpdLimit\_Kph\_f32)))"  
TC3.12 "(((TRUE == SrlComEngOn\_Cnt\_T\_lgc) ==>True &&  
(FALSE == EngMissingFit\_Cnt\_T\_lgc))=>False ||  
(RTE\_MODE\_StaMd\_Mode\_OPERATE == SystemState\_Cnt\_T\_enum)==>True &&  
(TRUE == VehSpdValid\_Cnt\_T\_lgc)==>True &&  
(VehSpd\_Kph\_T\_f32 > k\_RmpDnAsstVehSpdLimit\_Kph\_f32)==>True))"

## Test Step 3.1 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	1234
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0
k_IGNDiagTime_mS_u16p0	300
k_RampDnRt_UlspmS_f32	0.100000001
k_RampUpRtLoSpd_UlspmS_f32	0.200000003
k_RmpDnAsstVehSpdLimit_Kph_f32	125.300003
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	0
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	4500
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	5555
tgt_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32



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Name	Input Value
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComEngOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrlComEngOn_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComSPMon_Cnt_Igc	tgt_VehPwrMd_Per1_SrlComSPMon_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc.value	0
tgt_VehPwrMd_Per1_SrlComEngOn_Cnt_Igc.value	0
tgt_VehPwrMd_Per1_SrlComSPMon_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	0
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	120.300003

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1234	1234	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.100000001	0.100000001 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 3.2 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	645
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_Igc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4
k_IGNDiagTime_mS_u16p0	4000
k_RampDnRt_UlspmS_f32	0.200000003
k_RampUpRtLoSpd_UlspmS_f32	0.300000012
k_RmpDnAsstVehSpdLimit_Kph_f32	254.100006
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	1
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	3000
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	6666
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	tgt_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComEngOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrlComEngOn_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComSPMon_Cnt_Igc	tgt_VehPwrMd_Per1_SrlComSPMon_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32
tgt_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_SrlComEngOn_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_SrlComSPMon_Cnt_Igc.value	0
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	250.5

Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	6666	6666	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.300000012	0.300000012 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✓

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 3.3 (Repeat Count = 1)

Name	Input Value		
IGNDiagStartTime_mS_M_u32p0	1000		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3		
k_IGNDiagTime_mS_u16p0	2500		
k_RampDnRt_UlspmS_f32	0.899999976		
k_RampUpRtLoSpd_UlspmS_f32	0.0199999996		
k_RmpDnAsstVehSpdLimit_Kph_f32	140.5		
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	1		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	2300		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	6867		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc.value	0		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	0		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	6867	6867	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.899999976	0.899999976 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 3.4 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	1234
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela

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Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_IGNDiagTime_mS_u16p0	1200		
k_RampDnRt_UlspmS_f32	0.0199999996		
k_RampUpRtLoSpd_UlspmS_f32	0.0500000007		
k_RmpDnAsstVehSpdLimit_Kph_f32	155.199997		
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	0		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	1230		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	89089		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComEngOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc.value	0		
tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	511		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1234	1234	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✔
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	0	0	✔
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✔
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.0199999996	0.0199999996 ± 0.0001	✔
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

Test Step 3.5 (Repeat Count = 1)	
Name	Input Value
IGNDiagStartTime_mS_M_u32p0	645
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_Igc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_IGNDiagTime_mS_u16p0	4500
k_RampDnRt_UlspmS_f32	0.0500000007
k_RampUpRtLoSpd_UlspmS_f32	0.2000000003
k_RmpDnAsstVehSpdLimit_Kph_f32	254.100006
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	0
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	40000
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	1452
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc

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Name	Input Value		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0		
tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc.value	0		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	250.199997		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1452	1452	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✔
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✔
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.200000003	0.200000003 ± 0.0001	✔
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

Test Step 3.6 (Repeat Count = 1)				
Name		Input Value		
IGNDiagStartTime_mS_M_u32p0		6874		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)		tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_Igc)		tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)		tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
Rte_Inst_Ap_VehPwrMd		tgt_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()		2		
k_IGNDiagTime_mS_u16p0		4500		
k_RampDnRt_UlspmS_f32		2.99999992e-005		
k_RampUpRtLoSpd_UlspmS_f32		0.800000012		
k_RmpDnAsstVehSpdLimit_Kph_f32		125.300003		
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		0		
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr		1		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		55200		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		1000		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc		tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc		tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc		tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32		tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32		tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComEngOn_Cnt_Igc		tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc		tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc		tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32		tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value		0		
tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc.value		1		
tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc.value		0		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value		1		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value		40.2000008		
Name		Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0		6874	6874	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)		184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)		1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)		1	1	✔
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value		0	0	✔
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value		0	0	✔
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value		2.99999992e-005	2.99999992e-005 ± 0.0001	✔
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value		0	0 ± 0.00390625	✔

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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

Test Step 3.7 (Repeat Count = 1)				
Name	Input Value			
IGNDiagStartTime_mS_M_u32p0	6867			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal			
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren			
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
k_IGNDiagTime_mS_u16p0	6500			
k_RampDnRt_UlspmS_f32	0.200000003			
k_RampUpRtLoSpd_UlspmS_f32	0.0199999996			
k_RmpDnAsstVehSpdLimit_Kph_f32	0			
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	1			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	55200			
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	6874			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32			
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0			
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc.value	0			
tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc.value	1			
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	350.200012			
Name	Actual Value	Expected Value	Result	
IGNDiagStartTime_mS_M_u32p0	6867	6867	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓	
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓	
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓	
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.0199999996	0.0199999996 ± 0.0001	✓	
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

Test Step 3.8 (Repeat Count = 1)				
Name	Input Value			
IGNDiagStartTime_mS_M_u32p0	8888			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal			
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			

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Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_IGNDiagTime_mS_u16p0	250		
k_RampDnRt_UlspmS_f32	1		
k_RampUpRtLoSpd_UlspmS_f32	0.899999976		
k_RmpDnAsstVehSpdLimit_Kph_f32	254.100006		
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	1		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	1230		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	1234		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc	tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComEngOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0		
tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc.value	0		
tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	112.199997		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	1234	1234	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✔
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	0	0	✔
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	1	1 ± 0.0001	✔
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

Test Step 3.9 (Repeat Count = 1)	
Name	Input Value
IGNDiagStartTime_mS_M_u32p0	1234
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_Igc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_IGNDiagTime_mS_u16p0	1200
k_RampDnRt_UlspmS_f32	0.400000006
k_RampUpRtLoSpd_UlspmS_f32	1
k_RmpDnAsstVehSpdLimit_Kph_f32	112.199997
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	0
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	35000
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	89089
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMOn_Cnt_Igc	tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_Igc
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc



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Name	Input Value		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_Igc.value	0		
tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_Igc.value	0		
tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	140.5		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	89089	89089	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✔
tgt_VehPwrMd_Per1_ATermActive_Cnt_Igc.value	1	1	✔
tgt_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1	✔
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	1	1 ± 0.0001	✔
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

Test Step 3.10 (Repeat Count = 1)				
Name		Input Value		
IGNDiagStartTime_mS_M_u32p0		1452		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)		tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)		tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)		tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
Rte_Inst_Ap_VehPwrMd		tgt_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()		3		
k_IGNDiagTime_mS_u16p0		7500		
k_RampDnRt_UlspmS_f32		0.0500000007		
k_RampUpRtLoSpd_UlspmS_f32		0.75		
k_RmpDnAsstVehSpdLimit_Kph_f32		120.5		
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		0		
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr		0		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		41250		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		9999		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc		tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc		tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc		tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32		tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32		tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComEngOn_Cnt_lgc		tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc		tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc		tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32		tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc.value		0		
tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_lgc.value		1		
tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc.value		1		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value		0		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value		250.5		
Name	Actual Value	Expected Value	Result	
IGNDiagStartTime_mS_M_u32p0	1452	1452	✔	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✔	
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔	
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔	
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.75	0.75 ± 0.0001	✔	
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✔	

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 3.11 (Repeat Count = 1)

Name	Input Value		
IGNDiagStartTime_mS_M_u32p0	1000		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_IGNDiagTime_mS_u16p0	2500		
k_RampDnRt_UlspmS_f32	0.899999976		
k_RampUpRtLoSpd_UlspmS_f32	0.0199999996		
k_RmpDnAsstVehSpdLimit_Kph_f32	140.5		
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	1		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	2300		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	6867		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrComSPMOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrComSvcDft_Cnt_lgc.value	0		
tgt_VehPwrMd_Per1_SrComEngOn_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_SrComSPMOn_Cnt_lgc.value	0		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	0		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	6867	6867	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✓
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.899999976	0.899999976 ± 0.0001	✓
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

## Test Step 3.12 (Repeat Count = 1)

Name	Input Value
IGNDiagStartTime_mS_M_u32p0	1000
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed(NTCFailed_Ptr_T_lgc)	tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela



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Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren		
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_IGNDiagTime_mS_u16p0	2500		
k_RampDnRt_UlspmS_f32	0.899999976		
k_RampUpRtLoSpd_UlspmS_f32	0.0199999996		
k_RmpDnAsstVehSpdLimit_Kph_f32	140.5		
tgt_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
tgt_Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed_NTCFailed_Ptr	1		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	2300		
tgt_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	6867		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc	tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	tgt_VehPwrMd_Per1_OperRampValue_Uls_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComEngOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc	tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpd_Kph_f32	tgt_VehPwrMd_Per1_VehSpd_Kph_f32		
tgt_VehPwrMd_Per1_EngONSrIComSvcDft_Cnt_lgc.value	0		
tgt_VehPwrMd_Per1_SrIComEngOn_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_SrIComSPMOn_Cnt_lgc.value	0		
tgt_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
tgt_VehPwrMd_Per1_VehSpd_Kph_f32.value	255		
Name	Actual Value	Expected Value	Result
IGNDiagStartTime_mS_M_u32p0	6867	6867	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	184	184	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✔
tgt_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✔
tgt_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✔
tgt_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.0199999996	0.0199999996 ± 0.0001	✔
tgt_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00390625	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	1	✓
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	✓
IgnFailureDiag	1	IgnFailureDiag	1	✓
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_SetNTCStatus	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	Rte_Call_VehPwrMd_Per1_CP1_CheckpointReached	1	✓

# TEST DETAILS REPORT

2015-07-03, 13:16:36+0530

VehPwrMd\_Trns2



Project	VehPwrMd
Module	VehPwrMd
Test Object	VehPwrMd_Trns2

## 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\VehPwrMd
Configuration File	D:\Synergy_Work_Area\VehPwrMd\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\VehPwrMd\src\Ap_VehPwrMd.c
Compiler Options	-Dconst= -D_DATA_ACCESS= -Dstatic= -I\$(PROJECTROOT)\VehPwrMd\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\NxtLib\include -I\$(Compiler Install Path)\include -I\$(PROJECTROOT)\VehPwrMd\include -I\$(PROJECTROOT)\VehPwrMd\utp\contract\Ap_VehPwrMd

## Comments/Description/Specification

Name	Text
Module 'VehPwrMd'	***** Name of Tester:Spoorti Mali Code File(s) Under Test: Ap_VehPwrMd.c Code File(s) Version:2 Module Design Document:Vehicle_Power_Mode_MDD.docx Module Design Document Version:1 Data Dictionary Version:2 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):416 Total RAM Used (Bytes):8 Total CALS Used (Bytes):14 Special Test Requirements: Test Date:07-03-2015 Comments:"Note 1: Inline functions defined in globalmacro.h are not unit tested. Note 2: ""CBD_Sandbox_dbg.map""map file is embedded for reference." *****

## Attributes

Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\VehPwrMd\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

## Test Case 1: Boundary Test ✓

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

Cycles:

TS1.1 1997.00 Cycles

**Description** Vector Description:

TS1.1: Call trace is checked

## Test Step 1.1 (Repeat Count = 1) ✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
SrlComInput_SCom_ResetBus1Timers	1	SrlComInput_SCom_ResetBus1Timers	1	✓
SrlComInput_SCom_ResetBus2Timers	1	SrlComInput_SCom_ResetBus2Timers	1	✓
CanStart	2	CanStart	2	✓

# TEST DETAILS REPORT

2015-07-03, 13:13:31+0530

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\VehPwrMd
Configuration File	D:\Synergy_Work_Area\VehPwrMd\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\VehPwrMd\src\Ap_VehPwrMd.c
Compiler Options	-Dconst= -D_DATA_ACCESS= -Dstatic= -I\$(PROJECTROOT)\VehPwrMd\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\NxtrLib\include -I\$(Compiler Install Path)\include -I\$(PROJECTROOT)\VehPwrMd\include -I\$(PROJECTROOT)\VehPwrMd\utp\contract\Ap_VehPwrMd

## Comments/Description/Specification

Name	Text
Module 'VehPwrMd'	***** Name of Tester:Spoorti Mali Code File(s) Under Test: Ap_VehPwrMd.c Code File(s) Version:2 Module Design Document:Vehicle_Power_Mode_MDD.docx Module Design Document Version:1 Data Dictionary Version:2 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):416 Total RAM Used (Bytes):8 Total CALS Used (Bytes):14 Special Test Requirements: Test Date:07-03-2015 Comments:"Note 1: Inline functions defined in globalmacro.h are not unit tested. Note 2: ""CBD_Sandbox_dbg.map""map file is embedded for reference." *****

## Attributes

Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\VehPwrMd\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

# TEST DETAILS REPORT

2015-07-03, 13:13:31+0530

VehPwrMd\_Init1



## Test Case 1: Boundary Test

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

Cycles:

TS1.1 15.00 Cycles  
TS1.2 15.00 Cycles  
TS1.3 15.00 Cycles  
TS1.4 15.00 Cycles  
TS1.5 15.00 Cycles

**Description** Vector Description:

TS1.1k\_RampDnRt\_UlspmS\_f32=>Min  
TS1.2k\_RampDnRt\_UlspmS\_f32=>Max  
TS1.3k\_RampDnRt\_UlspmS\_f32=>Mid/Default  
TS1.4All min  
TS1.5All max

### Test Step 1.1 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	2.99999992e-005		
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
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	2.99999992e-005	2.99999992e-005 ± 0.0001	✔
tgt_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✔

### Test Step 1.2 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	1		
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
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	1	1 ± 0.0001	✔
tgt_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✔

### Test Step 1.3 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	0.000500000024		
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
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.000500000024	0.000500000024 ± 0.0001	✓
tgt_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓

### Test Step 1.4 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	2.99999992e-005		
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
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	2.99999992e-005	2.99999992e-005 ± 0.0001	✓
tgt_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓

### Test Step 1.5 (Repeat Count = 1)

Name	Input Value
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd
k_RampDnRt_UlspmS_f32	1
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32

# TEST DETAILS REPORT

2015-07-03, 13:13:31+0530



VehPwrMd\_Init1

Name		Input Value		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32		tgt_VehPwrMd_Init1_OperRampValue_Uls_f32		
Name	Actual Value	Expected Value	Result	
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	1	1 ± 0.0001	✓	
tgt_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00390625	✓	