

## Summary

## **Overall Test Object Results (including Coverage)**



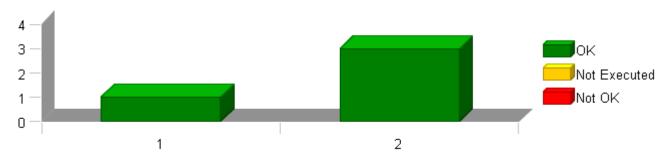
## **Selected Project Items**

Test Collection "CBD\_UnitTest"

#### **Used Test Environments**

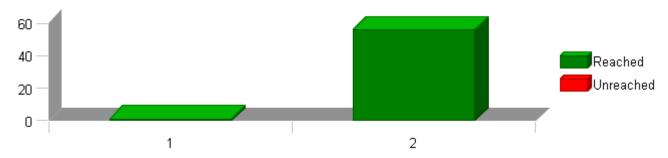
TI TMS 570 PLS UDE (Default)

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



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

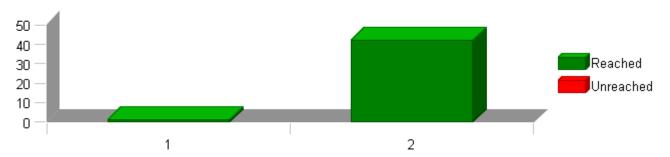
## Statement (C0) Coverage: Total Statements for Each Test Object



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

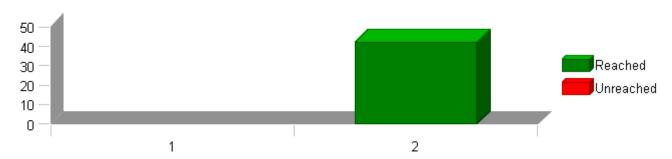


## Branch (C1) Coverage: Total Branches for Each Test Object



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

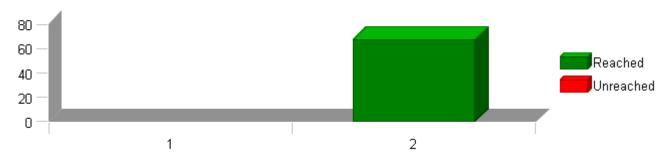
## **Decision Coverage: Total Decision Outcomes for Each Test Object**



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

Each bar is divided into reached and unreached decision outcomes.

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

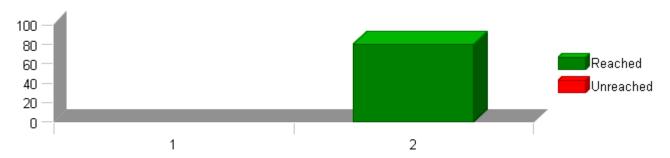


The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MC/DC coverage,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

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



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



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

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



## **Test 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	МСС	Test Cases F	Result
	VehPwrMd	100 %	100 %	100 %	100 %	100 %	4 of 4 passed	•
	CBD_UnitTest	100 %	100 %	100 %	100 %	100 %	4 of 4 passed	•
	VehPwrMd	100 %	100 %	100 %	100 %	100 %	4 of 4 passed	•
1	VehPwrMd_Init1	100 %	100 %	-	-	-	1 of 1 passed	•
2	VehPwrMd_Per1	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	~

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 Project
 VehPwrMd

 Module
 VehPwrMd

 Test Object
 VehPwrMd\_Init1

## Instrumentation: Test Object Only

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

#### **Statistics**

Total Testcases	1	
Successful	1	~
Failed	0	
Not Executed	0	

## **Module Properties**

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

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

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



#### Test Case 1: Boundary Test

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

TC 1.1 270.00 Cycles TC 1.2 271.00 Cycles TC 1.3 271.00 Cycles TC 1.4 271.00 Cycles TC 1.5 271.00 Cycles TC 1.6 271.00 Cycles TC 1.7 271.00 Cycles TC 1.8 271.00 Cycles

VECTOR DESCRIPTION Description

TC 1.1All Min
TC 1.2All Max
TC 1.2Al Max
TC 1.3k\_RampDnRt\_UlspmS\_f32 = Min
TC 1.4k\_RampDnRt\_UlspmS\_f32 = Max
TC 1.5k\_RampDnRt\_UlspmS\_f32 = Pos
TC 1.6Rte\_Call\_SystemTime\_GetSystemTime\_mS\_u32= Min
TC 1.7Rte\_Call\_SystemTime\_GetSystemTime\_mS\_u32= Max
TC 1.8Rte\_Call\_SystemTime\_GetSystemTime\_mS\_u32= Pos

Test Step 1.1 (Repeat Count = 1)				
Name	Input Value			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd			
k_RampDnRt_UlspmS_f32	9.9999975e-005			
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u32\_CurrentTime\_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentTime_ms_u33\_CurrentT$	0			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32 tgt_VehPwrMd_Init1_OperRampValue_Uls_f32		32		
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	0	0	~	
CTermIgnOffTimer_mS_M_u32	0	0	•	
CTermIgnOnTimer_mS_M_u32	0	0	~	
CTermVehSpdInvalidTimer_mS_M_u32	0	0	~	
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	9.9999975e-005	9.99999975e-005 ± 0.0156	~	
tgt_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	~	

T					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~	

Test Step 1.2 (Repeat Count = 1)				
Name	Input Value			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd			
k_RampDnRt_UlspmS_f32	0.00499999989			
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTi	4294967295			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32			
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	tgt_VehPwrMd_Init1_OperRampValue_Uls_f32			
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	4294967295	4294967295	~	
CTermIgnOffTimer_mS_M_u32	4294967295	4294967295	•	
CTermIgnOnTimer_mS_M_u32	4294967295	4294967295	~	
CTermVehSpdInvalidTimer_mS_M_u32	4294967295	4294967295	<b>✓</b>	
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.0156	~	
tgt_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	<b>✓</b>	

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	

Test Step 1.3 (Repeat Count = 1)			
Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	9.9999975e-005		
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u332\_CurrentTi$	546873		

CTermVehSpdInvalidTimer\_mS\_M\_u32

tgt\_VehPwrMd\_Init1\_OperRampRate\_XpmS\_f32.value

tgt\_VehPwrMd\_Init1\_OperRampValue\_Uls\_f32.value

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546873

0 ± 0.000061

9.99999975e-005 ± 0.0156

VehPwrMd\_Init1 Input Value tgt\_Rte\_Inst\_Ap\_VehPwrMd.VehPwrMd\_Init1\_OperRampRate\_XpmS\_f32 tgt\_VehPwrMd\_Init1\_OperRampRate\_XpmS\_f32 tgt\_Rte\_Inst\_Ap\_VehPwrMd.VehPwrMd\_Init1\_OperRampValue\_Uls\_f32 tgt\_VehPwrMd\_Init1\_OperRampValue\_Uls\_f32 Result Actual Value **Expected Value** ATermTimer\_mS\_M\_u32 546873 546873 CTermIgnOffTimer\_mS\_M\_u32 546873 546873 CTermIgnOnTimer\_mS\_M\_u32 546873 546873 546873

9.99999975e-005

Т					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~	

0

Test Step 1.4 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime	e_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	0.00499999989		
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u33\_CurrentT$	31419		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	tgt_VehPwrMd_Init1_OperRampValue_Uls_f	32	
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	31419	31419	~
CTermIgnOffTimer_mS_M_u32	31419	31419	~
CTermIgnOnTimer_mS_M_u32	31419	31419	~
CTermVehSpdInvalidTimer_mS_M_u32	31419	31419	<b>✓</b>
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.0156	~
tgt_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	✓

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~

Test Step 1.5 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	0.00127000001		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTire	76124		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	tgt_VehPwrMd_Init1_OperRampValue_Uls_1	732	
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	76124	76124	~
CTermIgnOffTimer_mS_M_u32	76124	76124	•
CTermIgnOnTimer_mS_M_u32	76124	76124	~
CTermVehSpdInvalidTimer_mS_M_u32	76124	76124	•
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.00127000001	0.00127000001 ± 0.0156	~
tgt_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	<b>✓</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~



Test Step 1.6 (Repeat Count = 1)			<b>~</b>
Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	0.00319000008		
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u33\_CurrentT$	0		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Init1_OperRampRate_XpmS	_f32	
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	tgt_VehPwrMd_Init1_OperRampValue_Uls_f	32	
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	0	0	~
CTermIgnOffTimer_mS_M_u32	0	0	~
CTermIgnOnTimer_mS_M_u32	0	0	~
CTermVehSpdInvalidTimer_mS_M_u32	0	0	~
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.00319000008	0.00319000008 ± 0.0156	~
tgt_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	~

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~

Test Step 1.7 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	0.00303000002		
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTi	4294967295		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Init1_OperRampRate_XpmS	_f32	
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	tgt_VehPwrMd_Init1_OperRampValue_Uls_t	32	
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4294967295	4294967295	~
CTermIgnOffTimer_mS_M_u32	4294967295	4294967295	~
CTermIgnOnTimer_mS_M_u32	4294967295	4294967295	~
CTermVehSpdInvalidTimer_mS_M_u32	4294967295	4294967295	~
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.00303000002	0.00303000002 ± 0.0156	~
tgt VehPwrMd Init1 OperRampValue Uls f32.value	0	0 ± 0.000061	•

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	•

Test Step 1.8 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	ne_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	tgt_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	0.00407999987		
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u33\_CurrentT$	ir 6423		
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	tgt_VehPwrMd_Init1_OperRampRate_XpmS	S_f32	
tgt_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	tgt_VehPwrMd_Init1_OperRampValue_Uls_	f32	
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	6423	6423	~
CTermIgnOffTimer_mS_M_u32	6423	6423	~
CTermIgnOnTimer_mS_M_u32	6423	6423	~
CTermVehSpdInvalidTimer_mS_M_u32	6423	6423	•
tgt_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.00407999987	0.00407999987 ± 0.0156	~
tgt VehPwrMd Init1 OperRampValue Uls f32.value	0	0 ± 0.000061	<b>✓</b>

Т				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~



Project	VehPwrMd
Module	VehPwrMd
Test Object	VehPwrMd_Per1

## Instrumentation: Test Object Only

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

## **Statistics**

Total Testcases	3
Successful	3
Failed	0
Not Executed	0

## **Module Properties**

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

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

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



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



# Test Case 1: Metrics Test Specification Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: TC 1.1 1644.00 Cycles TC 1.2 1939.00 Cycles TC 1.2 1939.00 Cycles TS 1.1 "Shortest Execution Path: if (TRUE == EngONSrIComSvcDf\_Cnt\_T\_[gc)=>True if (TRUE == EPSEn\_Cnt\_T\_[gc)=>True if (TRUE == EPSEn\_Cnt\_T\_[gc)=>True if (TRUE == EngONSrIComSvcDf\_Cnt\_T\_[gc)=>False if (SystemState\_Cnt\_T\_enum == RTE\_MODE\_StaMd\_Mode\_WARMINIT || SystemState\_Cnt\_T\_enum == RTE\_MODE\_StaMd\_Mode\_DISABLE || MEC == ManufacturingMode)=>False else if(SystemState\_Cnt\_T\_enum == RTE\_MODE\_StaMd\_Mode\_OPERATE)=>True if(Status\_NTC305\_T\_u8 == NTC\_STATUS\_PASSED)=>True if(Status\_NTC305\_T\_u8 == NTC\_STATUS\_PASSED)=>True if(EngOn\_Cnt\_T\_[gc == TRUE)|| (EPS\_Keypos\_Status\_Cnt\_T\_u16 == 2u))=>False if (EngOn\_Cnt\_T\_[gc == TRUE)|| (EPS\_Keypos\_Status\_Cnt\_T\_u16 == 2u))=>False if (EngOn\_Cnt\_T\_[gc == TRUE)|| (EPS\_Keypos\_Status\_Cnt\_T\_u16 == 2u))=>True if ((FALSE == CTermActive\_Cnt\_T\_[gc))|| (FALSE == ATermActive\_Cnt\_T\_[gc))=>True"

Test Step 1.1 (Repeat Count = 1)			
Name	Input Value		
ATermTimer_mS_M_u32	0		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	0		
CTermIgnOnTimer mS M u32	0		
CTermVehSpdInvalidTimer_mS_M_u32	0		
CTerm_Cnt_M_lgc	0		
RampStatus_Cnt_M_u08	0		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime	e_DtrmnElapsedTime_mS_u16_ElapsedTime	Э
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime	e_GetSystemTime_mS_u32_CurrentTime	
Rte Inst Ap VehPwrMd	target Rte Inst Ap VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0		
<pre>c_ATermTimeout_mS_u16</pre>	0		
CTermIgnOffTimeout mS u16	0		
CTermIgnOnTimeout mS u16	0		
CTermVehSpdInvalidTimeout mS u16	0		
RampDnRt UlspmS f32	9.9999975e-005		
	9.9999975e-005		
STTdEntryThresh Kph f32	0		
STTdExitThresh Kph f32	0		
STTdRampDownRate UlspmS f32	9.9999975e-005		
STTdRampUpRate_UlspmS_f32	9.9999975e-005		
Z VehSpdThresh Kph f32	0		
arget Rte Call Ap VehPwrMd EpsEn OP GET signal	0		
arget Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	0		
arget Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTin			
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 ATermActive Cnt Igc	target VehPwrMd Per1 ATermActive Cnt I	lac	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target VehPwrMd Per1 CTermActive Cnt	•	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngONSrlComSvcDft Cnt Igc	target VehPwrMd Per1 EngONSrlComSvcI		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	5ogo	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampRate XpmS f32	target VehPwrMd Per1 OperRampRate Xp	omS f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	_	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 OutputRampMult Uls f32	target_VehPwrMd_Per1_OutputRampMult_L		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 STTdSelected Cnt Igc	target VehPwrMd Per1 STTdSelected Cnt	_	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 SrlComVehSpd Kph f32	target VehPwrMd Per1 SrlComVehSpd Kp	<del>-</del> *	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 VehSpdValid Cnt Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_l	_	
arget VehPwrMd Per1 DmdDelestDA Cnt u08.value	0	90	
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0		
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_Sr1dSelected_Citt_gc.value	0		
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	•	Expected Value	Pac
	Actual Value	Expected Value	Resi
ATermTimer_mS_M_u32	0	0	
ATerm_Cnt_M_lgc	0	0	

0

0

0

0

CTermIgnOffTimer\_mS\_M\_u32

 $CTermIgnOnTimer\_mS\_M\_u32$ 



Name	Actual Value	Expected Value	Result
CTermVehSpdInvalidTimer_mS_M_u32	0	0	<b>✓</b>
CTerm_Cnt_M_lgc	0	0	✓
RampStatus_Cnt_M_u08	0	0	<b>✓</b>
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	<b>✓</b>
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.9999975e-005	9.99999975e-005 ± 0.00156	<b>✓</b>
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	<b>✓</b>

T			V	
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Name	Input Value		
ATermTimer_mS_M_u32	2018414336		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer mS M u32	1391807232		
CTermIgnOnTimer_mS_M_u32	2548318464		
	3501606656		
CTermVehSpdInvalidTimer_mS_M_u32 CTerm_Cnt_M_lgc	1		
	2		
RampStatus_Cnt_M_u08		CET signal	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	:	i
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin	ie_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1		
k_ATermTimeout_mS_u16	65462		
k_CTermIgnOffTimeout_mS_u16	27158		
k_CTermIgnOnTimeout_mS_u16	65535		
k_CTermVehSpdInvalidTimeout_mS_u16	47456		
k_RampDnRt_UlspmS_f32	0.00380000006		
k_RampUpRtLoSpd_UlspmS_f32	0.00400000019		
k_STTdEntryThresh_Kph_f32	160.190002		
k_STTdExitThresh_Kph_f32	188.660004		
k_STTdRampDownRate_UlspmS_f32	0.00286999997		
k_STTdRampUpRate_UlspmS_f32	0.00383000006		
k_VehSpdThresh_Kph_f32	243.429993		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	e 23769		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	ir 2825687296		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0	. •	
target VehPwrMd Per1 EngONSrlComSvcDft Cnt lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target VehPwrMd Per1 OutputRampMult Uls f32.value	0.0340000018		
target VehPwrMd Per1 STTdSelected Cnt Igc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	188.809998		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
		Even etad Value	Dani
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	2825687296	2825687296	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	2825687296	2825687296	
CTermIgnOnTimer_mS_M_u32	2548318464	2548318464	
CTermVehSpdInvalidTimer_mS_M_u32	2825687296	2825687296	
CTerm_Cnt_M_lgc	1	1	
RampStatus_Cnt_M_u08	2	2	



Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00383000006	0.00383000006 ± 0.00156	~
target VehPwrMd Per1 OperRampValue Uls f32.value	1	1 ± 0.000061	<b>✓</b>

Т			<b>✓</b>	
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	-



Test Case 2: Boundary Test



#### Specification

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

TC 2.1 1727.00 Cycles
TC 2.2 1729.00 Cycles
TC 2.3 1729.00 Cycles
TC 2.4 1729.00 Cycles
TC 2.5 1723.00 Cycles
TC 2.5 1723.00 Cycles
TC 2.6 1710.00 Cycles
TC 2.8 1730.00 Cycles
TC 2.8 1730.00 Cycles
TC 2.9 1743.00 Cycles
TC 2.10 1741.00 Cycles
TC 2.11 2039.00 Cycles
TC 2.12 1740.00 Cycles
TC 2.12 1740.00 Cycles
TC 2.13 2014.00 Cycles
TC 2.15 2011.00 Cycles
TC 2.16 1738.00 Cycles
TC 2.17 1745.00 Cycles
TC 2.17 1745.00 Cycles
TC 2.18 1726.00 Cycles
TC 2.19 1743.00 Cycles
TC 2.11 1745.00 Cycles
TC 2.11 1745.00 Cycles
TC 2.12 1740.00 Cycles
TC 2.13 1745.00 Cycles
TC 2.15 2011.00 Cycles
TC 2.17 1745.00 Cycles
TC 2.18 1726.00 Cycles
TC 2.21 1745.00 Cycles
TC 2.22 1765.00 Cycles
TC 2.22 1765.00 Cycles
TC 2.23 2306.00 Cycles
TC 2.24 1751.00 Cycles
TC 2.25 1762.00 Cycles
TC 2.26 1738.00 Cycles
TC 2.27 1749.00 Cycles
TC 2.28 1752.00 Cycles
TC 2.29 1768.00 Cycles
TC 2.29 1768.00 Cycles
TC 2.29 1768.00 Cycles
TC 2.29 1768.00 Cycles
TC 2.31 2011.00 Cycles
TC 2.32 2014.00 Cycles
TC 2.33 2036.00 Cycles
TC 2.34 2038.00 Cycles
TC 2.35 2060.00 Cycles
TC 2.36 2028.00 Cycles
TC 2.37 2071.00 Cycles
TC 2.38 2027.00 Cycles
TC 2.39 2288.00 Cycles
TC 2.39 2288.00 Cycles
TC 2.39 2288.00 Cycles
TC 2.40 2029.00 Cycles
TC 2.41 1783.00 Cycles
TC 2.42 1775.00 Cycles
TC 2.43 1752.00 Cycles
TC 2.44 1772.00 Cycles
TC 2.45 1760.00 Cycles
TC 2.45 1760.00 Cycles
TC 2.45 1776.00 Cycles
TC 2.45 1760.00 Cycles
TC 2.45 1776.00 Cycles
TC 2.45 1776.00 Cycles
TC 2.45 1776.00 Cycles
TC 2.55 1727.00 Cycles
TC 2.55 1727.00 Cycles
TC 2.55 1727.00 Cycles
TC 2.56 1726.00 Cycles
TC 2.57 1755.00 Cycles
TC 2.58 1735.00 Cycles
TC 2.59 263.00 Cycles
TC 2.51 1744.00 Cycles
TC 2.55 1777.00 Cycles
TC 2.56 1726.00 Cycles
TC 2.57 1755.00 Cycles
TC 2.58 1735.00 Cycles
TC 2.59 2063.00 Cycles
TC 2.56 1726.00 Cycles
TC 2.57 1755.00 Cycles
TC 2.66 1992.00 Cycles
TC 2.67 2011.00 Cycles
TC 2.68 1731.00 Cycles
TC 2.69 2006.00 Cycles
TC 2.61 1712.00 Cycles
TC 2.62 1731.00 Cycles
TC 2.63 17



#### Description VECTOR DESCRIPTION

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TC 2.1All Min
  TC 2.2All Max
  TC 2.3EngONSrlComSvcDft_Cnt_lgc = Min
TC 2.4EngONSrlComSvcDft_Cnt_lgc = Max
TC 2.5SrlComEngOn_Cnt_lgc = Min
  TC 2.6SrlComEngOn_Cnt_lgc = Max
TC 2.7VehSpdValid_Cnt_lgc = Min
TC 2.8VehSpdValid_Cnt_lgc = Max
 TC 2.9SrlComVehSpd_Kph_f32 = Min
TC 2.10SrlComVehSpd_Kph_f32 = Max
TC 2.11SrlComVehSpd_Kph_f32 = Pos
TC 2.11SrlComVehSpd_Kph_132= Pos
TC 2.11SrlComVehSpd_Kph_132= Pos
TC 2.12Rte_Mode_SystemState_Mode = RTE_MODE_StaMd_Mode_OFF
TC 2.13Rte_Mode_SystemState_Mode = RTE_MODE_StaMd_Mode_OFF
TC 2.14Rte_Mode_SystemState_Mode = RTE_MODE_StaMd_Mode_OPERATE
TC 2.15Rte_Mode_SystemState_Mode = RTE_MODE_StaMd_Mode_WARMINIT
TC 2.16Rte_Mode_SystemState_Mode = RTE_TRANSITION_StaMd_Mode
TC 2.17ATerm_Cnt_M_Igc=Min
TC 2.18ATerm_Cnt_M_Igc=Min
TC 2.18ATerm_Cnt_M_Igc=Min
TC 2.29CTerm_Cnt_M_Igc=Min
TC 2.20CTerm_Cnt_M_Igc=Min
TC 2.22RampStatus_Cnt_M_u08=Min
TC 2.22RampStatus_Cnt_M_u08=Min
TC 2.22RampStatus_Cnt_M_u08=Pos
TC 2.24k_RampUpRtLoSpd_UlspmS_f32 = Min
TC 2.25k_RampUpRtLoSpd_UlspmS_f32 = Min
TC 2.26k_RampUpRtLoSpd_UlspmS_f32 = Pos
TC 2.27k_RampDnRt_UlspmS_f32 = Min
TC 2.28k_RampDnRt_UlspmS_f32 = Min
TC 2.28k_RampDnRt_UlspmS_f32 = Min
 TC 2.28k_RampDnRt_UlspmS_f32 = Max
TC 2.28k_RampDnRt_UlspmS_f32 = Max
TC 2.29k_RampDnRt_UlspmS_f32 = Pos
TC 2.30k_ATermTimeout_mS_u16= Min
TC 2.31k_ATermTimeout_mS_u16= Max
  TC 2.32k_ATermTimeout_mS_u16= Pos
TC 2.33k_CTermIgnOffTimeout_mS_u16= Min
TC 2.34k_CTermIgnOffTimeout_mS_u16= Max
  TC 2.35k_CTermIgnOffTimeout_mS_u16= Pos
TC 2.36k_CTermIgnOnTimeout_mS_u16= Min
TC 2.37k_CTermIgnOnTimeout_mS_u16= Max
  TC 2.38k CTermIgnOnTimeout_mS_u16= Pos
TC 2.39k_CTermVehSpdInvalidTimeout_mS_u16= Min
TC 2.40k_CTermVehSpdInvalidTimeout_mS_u16= Max
  TC 2.41k_CTermVehSpdInvalidTimeout_mS_u16= Pos
TC 2.42k_STTdEntryThresh_Kph_f32= Min
TC 2.43k_STTdEntryThresh_Kph_f32= Max
TC 2.43k_STTdEntryThresh_Kph_f32= Max
TC 2.44k_STTdEntryThresh_Kph_f32= Pos
TC 2.45k_STTdExitThresh_Kph_f32= Min
TC 2.46k_STTdExitThresh_Kph_f32= Max
TC 2.47k_STTdExitThresh_Kph_f32= Pos
TC 2.48k_STTdRampDownRate_UlspmS_f32= Min
TC 2.49k_STTdRampDownRate_UlspmS_f32= Max
TC 2.50k_STTdRampDownRate_UlspmS_f32= Pos
  TC 2.51k_STTdRampUpRate_UIspmS_f32= Min
TC 2.52k_STTdRampUpRate_UIspmS_f32= Max
   TC 2.53k STTdRampUpRate UlspmS f32= Pos
  TC 2.54k_VehSpdThresh_Kph_f32= Min
TC 2.55k_VehSpdThresh_Kph_f32= Max
TC 2.56k_VehSpdThresh_Kph_f32= Pos
TC 2.56K_VenSpd1Tilesti_Npi1_i32= FUS
TC 2.57Rte_Call_NxtrDiagMgr_GetNTCFailed[3]= Min
TC 2.58Rte_Call_NxtrDiagMgr_GetNTCFailed[3]= Max
TC 2.59Rte_Call_EpsEn_OP_GET = Min
TC 2.60Rte_Call_EpsEn_OP_GET = Max
IC 2.60Rte_Call_EpsEn_OP_GE1 = Max

CC 2.61Rte_Call_SystemTime_GetSystemTime_mS_u32= Min

TC 2.62Rte_Call_SystemTime_GetSystemTime_mS_u32= Max

TC 2.63Rte_Call_SystemTime_GetSystemTime_mS_u32= Pos

TC 2.64Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16= Min

TC 2.65Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16= Max

TC 2.66Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16= Pos

TC 2.70mdDelestDA_Cnt_u08= Min

TC 2.69DmdDelestDA_Cnt_u08= Max

TC 2.69DmdDelestDA_Cnt_u08= Pos

TC 2.70OutputBampMult_Lils_f32= Min
  TC 2.70OutputRampMult_UIs_f32= Min
TC 2.71OutputRampMult_UIs_f32= Max
TC 2.72OutputRampMult_UIs_f32= Pos
   TC 2.73STTdSelected_Cnt_lgc= Min
  TC 2.74STTdSelected_Cnt_lgc= Max
```

Name	Input Value
ATermTimer_mS_M_u32	0
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	0
CTermIgnOnTimer_mS_M_u32	0
CTermVehSpdInvalidTimer_mS_M_u32	0
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte Mode Ap VehPwrMd SystemState Mode()	0



Name	Input Value		
k_ATermTimeout_mS_u16	0		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	0		
k_RampDnRt_UlspmS_f32	9.9999975e-005		
k_RampUpRtLoSpd_UlspmS_f32	9.9999975e-005		
k_STTdEntryThresh_Kph_f32	0		
k_STTdExitThresh_Kph_f32	0		
k_STTdRampDownRate_UlspmS_f32	9.9999975e-005		
k_STTdRampUpRate_UlspmS_f32	9.9999975e-005		
k_VehSpdThresh_Kph_f32	0		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_E	Elapse 0		
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_Current Control of the control of $	rentTir 0		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive	e_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive	e_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestE	DA_Cnt_u08	
$target\_Rte\_Inst\_Ap\_VehPwrMd.VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst\_Ap\_VehPwrMd.VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst\_Ap\_VehPwrMd.VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst\_Ap\_VehPwrMd.VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst\_Ap\_VehPwrMd.VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst\_Ap\_VehPwrMd.VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst\_Ap\_VehPwrMd.VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst\_Ap\_VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst\_Ap\_VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst\_Ap\_VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst\_Ap\_VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst\_Ap\_VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst\_Ap\_VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst\_Ap\_VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst\_Ap\_VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst\_Ap\_VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst\_Ap\_VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst_ApVVehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst_ApVVehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst_ApVVehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst_ApVVehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Inst_ApVVehPwrMd\_Per1\_EngONSvcDft\_Cnt\_Inst_ApVVehPwrMd\_Per1\_EngONSvcDft\_Cnt\_In$	lgc target_VehPwrMd_Per1_EngONSrlC	omSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampF	Rate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRamp\	/alue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRamp	oMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelect	ed_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehS	Spd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid	d_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	0		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	0	0	•
ATerm_Cnt_M_lgc	0	0	
CTermIgnOffTimer_mS_M_u32	0	0	•
CTermIgnOnTimer_mS_M_u32	0	0	•
CTermVehSpdInvalidTimer_mS_M_u32	0	0	•
CTerm_Cnt_M_lgc	0	0	
RampStatus_Cnt_M_u08	0	0	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.9999975e-005	9.99999975e-005 ± 0.00156	•
target VehPwrMd Per1 OperRampValue Uls f32.value	0	0 ± 0.000061	•

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 2.2 (Repeat Count = 1)	✓
Name	Input Value
ATermTimer_mS_M_u32	4294967295
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	4294967295
CTermIgnOnTimer_mS_M_u32	4294967295
CTermVehSpdInvalidTimer_mS_M_u32	4294967295
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4
k_ATermTimeout_mS_u16	65535
k_CTermIgnOffTimeout_mS_u16	65535
k_CTermIgnOnTimeout_mS_u16	65535
k_CTermVehSpdInvalidTimeout_mS_u16	65535



Name	Input Value		
k RampDnRt UlspmS f32	0.00499999989		
k RampUpRtLoSpd UlspmS f32	0.00499999989		
k STTdEntryThresh Kph f32	255		
k STTdExitThresh Kph f32	255		
k STTdRampDownRate UlspmS f32	0.00499999989		
k STTdRampUpRate UlspmS f32	0.00499999989		
k VehSpdThresh Kph f32	255		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	65535		
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTir			
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 ATermActive Cnt Igc	target VehPwrMd Per1 ATermActive Cnt	lgc	
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target VehPwrMd Per1 CTermActive Cnt	Igc	
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDA Cnt u08	target VehPwrMd Per1 DmdDelestDA Cn	t u08	
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngONSrlComSvcDft Cnt Igc	target VehPwrMd Per1 EngONSrlComSvc	Dft Cnt Igc	
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngOn Cnt Igc	target VehPwrMd Per1 EngOn Cnt Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	pmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_I	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cn	t_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K	ph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	512		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4294967295	4294967295	~
ATerm_Cnt_M_lgc	1	1	~
CTermIgnOffTimer_mS_M_u32	4294967295	4294967295	~
CTermIgnOnTimer_mS_M_u32	4294967295	4294967295	~
CTermVehSpdInvalidTimer_mS_M_u32	4294967295	4294967295	~
CTerm_Cnt_M_lgc	1	1	~
RampStatus_Cnt_M_u08	0	0	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.00156	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	<u> </u>

T .				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap VehPwrMd NxtrDiagMgr GetNTCFailed	3	Rte Call Ap VehPwrMd NxtrDiagMgr GetNTCFailed	3	<b>✓</b>

Test Step 2.3 (Repeat Count = 1)	The second of the sec
Name	Input Value
ATermTimer_mS_M_u32	253562112
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	1173285120
CTermIgnOnTimer_mS_M_u32	3805327104
CTermVehSpdInvalidTimer_mS_M_u32	2004419840
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	30565
k_CTermIgnOffTimeout_mS_u16	7801
k_CTermIgnOnTimeout_mS_u16	10944
k_CTermVehSpdInvalidTimeout_mS_u16	433
k_RampDnRt_UlspmS_f32	0.000469999999
k_RampUpRtLoSpd_UlspmS_f32	0.00159
k_STTdEntryThresh_Kph_f32	154.770004
k_STTdExitThresh_Kph_f32	151.839996



Name	Input Value		
k_STTdRampDownRate_UlspmS_f32	0.0037		
k_STTdRampUpRate_UlspmS_f32	0.000630000024		
k_VehSpdThresh_Kph_f32	144.179993		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elap	se 48721		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Current	Tir 711440384		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_	<u>lgc</u>	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	<u>Igc</u>	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cn	t_u08	
$target\_Rte\_Inst\_Ap\_VehPwrMd.VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_lgc$	target_VehPwrMd_Per1_EngONSrlComSvc	Dft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	pmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_l	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cn	t_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K	oh_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	<u>lgc</u>	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0500000007		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	159.520004		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	711440384	711440384	~
ATerm_Cnt_M_lgc	1	1	<b>✓</b>
CTermIgnOffTimer_mS_M_u32	711440384	711440384	<b>✓</b>
CTermIgnOnTimer_mS_M_u32	711440384	711440384	~
CTermVehSpdInvalidTimer_mS_M_u32	711440384	711440384	<b>✓</b>
CTerm_Cnt_M_lgc	0	0	<b>✓</b>
RampStatus_Cnt_M_u08	1	1	<b>✓</b>
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	<b>✓</b>
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000469999999	0.000469999999 ± 0.00156	<b>✓</b>
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	<b>✓</b>

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>~</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 2.4 (Repeat Count = 1)	M.
Name	Input Value
	•
ATermTimer_mS_M_u32	649829376
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	2897610752
CTermIgnOnTimer_mS_M_u32	2091431424
CTermVehSpdInvalidTimer_mS_M_u32	1938273280
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	32160
k_CTermIgnOffTimeout_mS_u16	52861
k_CTermIgnOnTimeout_mS_u16	61952
k_CTermVehSpdInvalidTimeout_mS_u16	28103
k_RampDnRt_UlspmS_f32	0.000500000024
k_RampUpRtLoSpd_UlspmS_f32	0.00142999995
k STTdEntryThresh Kph f32	33.4000015
k_STTdExitThresh_Kph_f32	125.269997
k_STTdRampDownRate_UlspmS_f32	0.00240000011
k STTdRampUpRate UlspmS f32	0.000469999999
k VehSpdThresh Kph f32	32.3699989
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1



Name	Input Value		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	29048		
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u33\_CurrentT$	2840042240		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_	<u>lgc</u>	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	<u>lgc</u>	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cn	t_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc	Dft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	pmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_I	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cn	t_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K	ph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.680000007		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	151.630005		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2840042240	2840042240	-
ATerm_Cnt_M_lgc	1	1	<b>✓</b>
CTermlgnOffTimer_mS_M_u32	2840042240	2840042240	<b>✓</b>
CTermIgnOnTimer_mS_M_u32	2840042240	2840042240	<b>✓</b>
CTermVehSpdInvalidTimer_mS_M_u32	2840042240	2840042240	<b>✓</b>
CTerm_Cnt_M_lgc	1	1	<b>-</b>
RampStatus_Cnt_M_u08	2	2	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	<b>✓</b>
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	<b>✓</b>
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000469999999	0.000469999999 ± 0.00156	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	~

Τ				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•

Test Step 2.5 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
ATermTimer mS M u32	1356590848
ATerm Cnt M Igc	0
CTermIgnOffTimer mS M u32	4288457472
CTermIgnOnTimer mS M u32	4227637504
CTermVehSpdInvalidTimer mS M u32	1490528000
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3
k_ATermTimeout_mS_u16	40172
k_CTermIgnOffTimeout_mS_u16	14349
k_CTermIgnOnTimeout_mS_u16	21630
k_CTermVehSpdInvalidTimeout_mS_u16	16224
k_RampDnRt_UlspmS_f32	0.000630000024
k_RampUpRtLoSpd_UlspmS_f32	0.00127000001
k_STTdEntryThresh_Kph_f32	7.98000002
k_STTdExitThresh_Kph_f32	91.0800018
k_STTdRampDownRate_UlspmS_f32	0.00109999999
k_STTdRampUpRate_UlspmS_f32	0.000310000003
k_VehSpdThresh_Kph_f32	61.4799995
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16\_Elaps$	55184
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTime	4227068416
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc



Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt	_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcl	Dft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xp	omS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_L	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_U	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	oh_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00600000005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	414.470001		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4227068416	4227068416	~
ATerm_Cnt_M_lgc	0	0	~
CTermIgnOffTimer_mS_M_u32	4227068416	4227068416	~
CTermIgnOnTimer_mS_M_u32	4227068416	4227068416	~
CTermVehSpdInvalidTimer_mS_M_u32	4227068416	4227068416	~
CTerm_Cnt_M_lgc	0	0	<b>✓</b>
RampStatus_Cnt_M_u08	0	0	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	<b>✓</b>
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000630000024	0.000630000024 ± 0.00156	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	~

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 2.6 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
ATermTimer mS M u32	1871115776
ATerm Cnt M Igc	1
CTermIgnOffTimer mS M u32	1630847488
CTermIgnOnTimer mS M u32	124575744
CTermVehSpdInvalidTimer_mS_M_u32	208915968
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3
k_ATermTimeout_mS_u16	39189
k_CTermIgnOffTimeout_mS_u16	65163
k_CTermIgnOnTimeout_mS_u16	62544
k_CTermVehSpdInvalidTimeout_mS_u16	63745
k_RampDnRt_UlspmS_f32	0.00319999992
k_RampUpRtLoSpd_UlspmS_f32	0.00319000008
k_STTdEntryThresh_Kph_f32	212.800003
k_STTdExitThresh_Kph_f32	135.339996
k_STTdRampDownRate_UlspmS_f32	0.000230000005
k_STTdRampUpRate_UlspmS_f32	0.0037
k_VehSpdThresh_Kph_f32	45.1300011
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16\_ElapsedTime\_mS_u16\_Elaps$	22182
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u332\_CurrentTime$	3322604800
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32



Name	Input Value			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRamp	target_VehPwrMd_Per1_OperRampValue_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRam	target_VehPwrMd_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelect	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVeh	nSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdVa	lid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0450000018			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	158.830002			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	3322604800	3322604800	~	
ATerm_Cnt_M_lgc	1	1	•	
CTermIgnOffTimer_mS_M_u32	3322604800	3322604800	<b>-</b>	
CTermIgnOnTimer_mS_M_u32	3322604800	3322604800	<b>-</b>	
CTermVehSpdInvalidTimer_mS_M_u32	3322604800	3322604800	<b>-</b>	
CTerm_Cnt_M_lgc	1	1	<b>-</b>	
RampStatus_Cnt_M_u08	1	1	<b>→</b>	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	<b>✓</b>	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	<b>✓</b>	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00319000008	0.00319000008 ± 0.00156	<b>✓</b>	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	<b>✓</b>	

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap VehPwrMd NxtrDiagMgr GetNTCFailed	3	Rte Call Ap VehPwrMd NxtrDiagMgr GetNTCFailed	3	<b>✓</b>

Test Step 2.7 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	1818353920
ATerm Cnt M lgc	0
CTermIgnOffTimer mS M u32	1569225984
CTermIgnOnTimer_mS_M_u32	4174914304
CTermVehSpdInvalidTimer_mS_M_u32	4143667456
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	50805
k_CTermIgnOffTimeout_mS_u16	20877
k_CTermIgnOnTimeout_mS_u16	61173
CTermVehSpdInvalidTimeout_mS_u16	61659
k_RampDnRt_UlspmS_f32	0.00120000006
k_RampUpRtLoSpd_UlspmS_f32	0.00303000002
k_STTdEntryThresh_Kph_f32	28.6900005
k_STTdExitThresh_Kph_f32	97.5500031
k_STTdRampDownRate_UlspmS_f32	0.000469999999
k_STTdRampUpRate_UlspmS_f32	0.00240000011
<_VehSpdThresh_Kph_f32	121.209999
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	13646
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2440166400
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32



Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_I	gc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0799999982		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	192.789993		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2440166400	2440166400	~
ATerm_Cnt_M_lgc	1	1	~
CTermIgnOffTimer_mS_M_u32	2440166400	2440166400	~
CTermIgnOnTimer_mS_M_u32	2440166400	2440166400	~
CTermVehSpdInvalidTimer_mS_M_u32	2440166400	2440166400	~
CTerm_Cnt_M_lgc	0	0	<b>~</b>
RampStatus_Cnt_M_u08	2	2	<b>~</b>
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	<b>~</b>
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	<b>~</b>
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00120000006	0.00120000006 ± 0.00156	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	~

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 2.8 (Repeat Count = 1)	
Name	Input Value
	3678216192
ATermTimer_mS_M_u32	1
ATerm_Cnt_M_lgc	
CTermIgnOffTimer_mS_M_u32	1966689280
CTermIgnOnTimer_mS_M_u32	3647101440
CTermVehSpdInvalidTimer_mS_M_u32	2538649600
CTerm_Cnt_M_lgc	
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	18625
k_CTermIgnOffTimeout_mS_u16	21778
<_CTermIgnOnTimeout_mS_u16	57522
c_CTermVehSpdInvalidTimeout_mS_u16	35608
C_RampDnRt_UlspmS_f32	0.00039999999
<_RampUpRtLoSpd_UlspmS_f32	0.00400000019
<pre>&lt;_STTdEntryThresh_Kph_f32</pre>	169.929993
C_STTdExitThresh_Kph_f32	165.960007
_STTdRampDownRate_UlspmS_f32	0.00070999993
c_STTdRampUpRate_UlspmS_f32	0.00109999999
<_VehSpdThresh_Kph_f32	115.830002
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	13713
arget Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTin	1647890176
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 ATermActive Cnt Igc	target VehPwrMd Per1 ATermActive Cnt Igc
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target VehPwrMd Per1 CTermActive Cnt Igc
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDA Cnt u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngONSrlComSvcDft Cnt Igc	target VehPwrMd Per1 EngONSrlComSvcDft Cnt lgc
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngOn Cnt Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampRate XpmS f32	target VehPwrMd Per1 OperRampRate XpmS f32
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampValue Uls f32	target VehPwrMd Per1 OperRampValue Uls f32
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 OutputRampMult Uls f32	target VehPwrMd Per1 OutputRampMult Uls f32
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 STTdSelected Cnt Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 SrlComVehSpd Kph f32	target VehPwrMd Per1 SrlComVehSpd Kph f32
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 VehSpdValid Cnt Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
arget_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_venr wind_r enngonsneomsvebrt_ent_gc.value	0
.arget_verii wilviu_r er i_LingOri_Orit_ige.value	U C C C C C C C C C C C C C C C C C C C



Name	Input Value		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.597000003		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	205.729996		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1647890176	1647890176	~
ATerm_Cnt_M_lgc	1	1	<b>✓</b>
CTermIgnOffTimer_mS_M_u32	1647890176	1647890176	<b>✓</b>
CTermIgnOnTimer_mS_M_u32	1647890176	1647890176	<b>✓</b>
CTermVehSpdInvalidTimer_mS_M_u32	1647890176	1647890176	<b>✓</b>
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	0	0	<b>✓</b>
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	<b>✓</b>
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	<b>✓</b>
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.0040000019	0.0040000019 ± 0.00156	<b>✓</b>
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	<b>✓</b>

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>



Test Step 2.9 (Repeat Count = 1)			
Name	Input Value		
ATermTimer_mS_M_u32	241656576		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	3089293056		
CTermIgnOnTimer_mS_M_u32	1231009024		
CTermVehSpdInvalidTimer_mS_M_u32	1183619840		
CTerm_Cnt_M_lgc	0		
RampStatus_Cnt_M_u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	_GET_signal	
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_DtrmnElapsedTime_mS_u16_ElapsedTime	:
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_ATermTimeout_mS_u16	21146		
k_CTermIgnOffTimeout_mS_u16	34014		
k_CTermIgnOnTimeout_mS_u16	5751		
k_CTermVehSpdInvalidTimeout_mS_u16	26366		
k_RampDnRt_UlspmS_f32	0.00260000001		
k_RampUpRtLoSpd_UlspmS_f32	0.000500000024		
k STTdEntryThresh Kph f32	131.449997		
k STTdExitThresh Kph f32	143.570007		
k STTdRampDownRate UlspmS f32	0.000950000016		
k STTdRampUpRate UlspmS f32	0.000230000005		
k VehSpdThresh Kph f32	87.400015		
target Rte Call Ap VehPwrMd EpsEn OP GET signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTin			
		lwo.	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcl	Dit_Cnt_igc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xp	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_U	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.280999988		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	0		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1190155776	1190155776	~
ATerm_Cnt_M_lgc	1	1	<b>~</b>
CTermIgnOffTimer_mS_M_u32	1190155776	1190155776	-
CTermIgnOnTimer_mS_M_u32	1190155776	1190155776	•
CTermVehSpdInvalidTimer_mS_M_u32	1190155776	1190155776	-
CTerm_Cnt_M_lgc	0	0	
RampStatus_Cnt_M_u08	1	1	
target VehPwrMd Per1 ATermActive Cnt lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00260000001	0.00260000001 ± 0.00156	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	
target_venir wilviu_rei i_operkanipvalue_dis_i32.value	U	0 ± 0.00000 I	

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>

Test Step 2.10 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
ATermTimer_mS_M_u32	3853818368
ATerm_Cnt_M_lgc	0



Name	Input Value			
CTermIgnOffTimer_mS_M_u32	1097999872			
CTermIgnOnTimer_mS_M_u32	882091008			
CTermVehSpdInvalidTimer_mS_M_u32	2015687168			
CTerm_Cnt_M_lgc	0			
RampStatus_Cnt_M_u08	2			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	_GET_signal		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_DtrmnElapsedTime_mS_u16_ElapsedTim	e	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3			
k_ATermTimeout_mS_u16	29402			
k_CTermIgnOffTimeout_mS_u16	46695			
k_CTermlgnOnTimeout_mS_u16	17460			
k CTermVehSpdInvalidTimeout mS u16	17270			
k_RampDnRt_UlspmS_f32	0.00380000006			
k RampUpRtLoSpd UlspmS f32	0.00400000019			
k_STTdEntryThresh_Kph_f32	99.2099991			
k_STTdExitThresh_Kph_f32	30.1599998			
k_STTdRampDownRate_UlspmS_f32	0.00118999998			
k STTdRampUpRate UlspmS f32	0.000469999999			
k_VehSpdThresh_Kph_f32	226.429993			
target Rte Call Ap VehPwrMd EpsEn OP GET signal	0			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse				
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTin				
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 ATermActive Cnt Igc	target_VehPwrMd_Per1_ATermActive_Cnt_	lac		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcl	on_ent_ige		
	target_VehPwrMd_Per1_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xp	_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_U			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt	<del>-</del> •		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1			
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	1			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.109999999			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	512			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	3282419968	3282419968	<b>✓</b>	
ATerm_Cnt_M_lgc	1	1	<b>✓</b>	
CTermIgnOffTimer_mS_M_u32	3282419968	3282419968	<b>✓</b>	
CTermIgnOnTimer_mS_M_u32	3282419968	3282419968	<b>✓</b>	
CTermVehSpdInvalidTimer_mS_M_u32	3282419968	3282419968	<b>✓</b>	
CTerm_Cnt_M_lgc	1	1	-	
RampStatus_Cnt_M_u08	2	2	-	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	-	
target VehPwrMd Per1 CTermActive Cnt Igc.value	1	1	-	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00400000019	0.00400000019 ± 0.00156	•	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061		
		1		

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>

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



Name	Input Value			
RampStatus_Cnt_M_u08	0	)		
Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target Rte Call Ap VehPwrMd EpsEn C	P GET signal		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTi	me DtrmnElapsedTime mS u16 Ela	psedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTi			
Rte Inst Ap VehPwrMd	target Rte Inst Ap VehPwrMd			
Rte Mode Ap VehPwrMd SystemState Mode()	2			
k_ATermTimeout_mS_u16	34999			
k_CTermIgnOffTimeout_mS_u16	36617			
k_CTermIgnOnTimeout_mS_u16	32216			
k CTermVehSpdInvalidTimeout mS u16	3466			
k_RampDnRt_UlspmS_f32	0.00449999981			
k_RampUpRtLoSpd_UlspmS_f32	0.00319999992			
k_STTdEntryThresh_Kph_f32	175.029999			
k STTdExitThresh Kph f32	64.1299973			
k STTdRampDownRate UlspmS f32	0.00142999995			
k STTdRampUpRate UlspmS f32	0.000500000024			
k_VehSpdThresh_Kph_f32	144.119995			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	2205			
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTi				
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 ATermActive Cnt Igc	target VehPwrMd Per1 ATermActive Cn	t lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cn	t Igc		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDA Cnt u08	target VehPwrMd Per1 DmdDelestDA C			
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngONSrlComSvcDft Cnt Igc	target VehPwrMd Per1 EngONSrlComSv	_		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngOn Cnt Igc	target VehPwrMd Per1 EngOn Cnt Igc			
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampRate XpmS f32	target_VehPwrMd_Per1_OperRampRate_	XpmS f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult			
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 STTdSelected Cnt Igc	target VehPwrMd Per1 STTdSelected C			
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 SrlComVehSpd Kph f32	target VehPwrMd Per1 SrlComVehSpd	Kph f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cn	t lgc		
target VehPwrMd Per1 DmdDelestDA Cnt u08.value	0			
target VehPwrMd Per1 EngONSrlComSvcDft Cnt lgc.value	0			
target VehPwrMd Per1 EngOn Cnt lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0500999987			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	66.1100006			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	1022459904	1022459904		
ATerm Cnt M lgc	1	1		
CTermIgnOffTimer mS M u32	3747631360	3747631360		
CTermIgnOnTimer_mS_M_u32	1022459904	1022459904		
CTermVehSpdInvalidTimer_mS_M_u32	1022459904	1022459904		
CTerm Cnt M Igc	1	1		
RampStatus Cnt M u08	0	0		
target VehPwrMd Per1 ATermActive Cnt Igc.value	1	1		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1		
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00319999992	0.00319999992 ± 0.00156		
target VehPwrMd Per1 OperRampValue Uls f32.value	1	1 ± 0.000061		

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>~</b>
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 2.12 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
ATermTimer_mS_M_u32	225960960
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	3355561984
CTermIgnOnTimer_mS_M_u32	2942254592
CTermVehSpdInvalidTimer_mS_M_u32	3609918464
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$\underline{ Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime) }$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime



Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_GetSystemTime_mS_u32_CurrentT	Гime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0		
k_ATermTimeout_mS_u16	21323		
k_CTermIgnOffTimeout_mS_u16	44398		
k_CTermIgnOnTimeout_mS_u16	63578		
k_CTermVehSpdInvalidTimeout_mS_u16	32987		
k_RampDnRt_UlspmS_f32	0.00142999995		
k_RampUpRtLoSpd_UlspmS_f32	0.00120000006		
k_STTdEntryThresh_Kph_f32	122.220001		
k_STTdExitThresh_Kph_f32	97.0199966		
k_STTdRampDownRate_UlspmS_f32	0.00167000003		
k_STTdRampUpRate_UlspmS_f32	0.00400000019		
k VehSpdThresh Kph f32	202.679993		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elaps	e 47543		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentT	ir 6792355		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_I	lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt	_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcI	Dft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xp	omS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_L	Jls_f32	
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OutputRampMult Uls f32	target VehPwrMd Per1 OutputRampMult U		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt	lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	h_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target VehPwrMd Per1 EngOn Cnt Igc.value	0		
target VehPwrMd Per1 OutputRampMult Uls f32.value	0.785000026		
target VehPwrMd Per1 STTdSelected Cnt Igc.value	1		
target VehPwrMd Per1 SrlComVehSpd Kph f32.value	335.190002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer mS M u32	6792355	6792355	_
ATerm Cnt M lgc	1	1	·
CTermIgnOffTimer mS M u32	6792355	6792355	
CTermIgnOnTimer_mS_M_u32	6792355	6792355	·
CTermVehSpdInvalidTimer mS M u32	6792355	6792355	
CTerm Cnt M lgc	1	1	·
RampStatus Cnt M u08	0	0	
target VehPwrMd Per1 ATermActive Cnt Igc.value	1	1	
target VehPwrMd Per1 CTermActive Cnt Igc.value	1	1	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00120000006	0.00120000006 ± 0.00156	_
target VehPwrMd Per1 OperRampValue Uls f32.value	1	1 ± 0.000061	

Т				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>

Test Step 2.13 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
ATermTimer_mS_M_u32	3351713536
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	1993954048
CTermIgnOnTimer_mS_M_u32	1207503104
CTermVehSpdInvalidTimer_mS_M_u32	3037581056
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	32525



·			
Name	Input Value		
k_CTermIgnOffTimeout_mS_u16	35162		
k_CTermIgnOnTimeout_mS_u16	49808		
k_CTermVehSpdInvalidTimeout_mS_u16	57922		
k_RampDnRt_UlspmS_f32	0.00167000003		
k_RampUpRtLoSpd_UlspmS_f32	0.00039999999		
k_STTdEntryThresh_Kph_f32	188.649994		
k_STTdExitThresh_Kph_f32	153.949997		
k_STTdRampDownRate_UlspmS_f32	0.00190999999		
k_STTdRampUpRate_UlspmS_f32	0.00319999992		
k_VehSpdThresh_Kph_f32	192.160004		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	2421		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2314		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_	lgc	
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target VehPwrMd Per1 CTermActive Cnt	lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt	•	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvc	_ Dft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	omS_f32	
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampValue Uls f32	target VehPwrMd Per1 OperRampValue L	Jls f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_U		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt	lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0907000005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	447.480011		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2314	2314	~
ATerm_Cnt_M_lgc	1	1	<b>✓</b>
CTermIgnOffTimer_mS_M_u32	2314	2314	~
CTermIgnOnTimer_mS_M_u32	2314	2314	•
CTermVehSpdInvalidTimer_mS_M_u32	3037581056	3037581056	-
CTerm_Cnt_M_lgc	1	1	<b>✓</b>
RampStatus_Cnt_M_u08	0	0	-
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	<b>✓</b>
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	-
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00039999999	0.00039999999 ± 0.00156	<b>✓</b>
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	~

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 2.14 (Repeat Count = 1)	✓
Name	Input Value
ATermTimer_mS_M_u32	157646336
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	538888704
CTermIgnOnTimer_mS_M_u32	4145522688
CTermVehSpdInvalidTimer_mS_M_u32	3799078400
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	18770
k_CTermIgnOffTimeout_mS_u16	49220
k_CTermIgnOnTimeout_mS_u16	42680
k_CTermVehSpdInvalidTimeout_mS_u16	64505



Name	Input Value			
k_RampDnRt_UlspmS_f32	0.00190999999			
k_RampUpRtLoSpd_UlspmS_f32	0.00260000001			
k_STTdEntryThresh_Kph_f32	249.410004			
k_STTdExitThresh_Kph_f32	140.339996			
k_STTdRampDownRate_UlspmS_f32	0.00215000007			
k_STTdRampUpRate_UlspmS_f32	0.00120000006			
k_VehSpdThresh_Kph_f32	160.190002			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_	_Elapse 8470			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Cu	urrentTir 75451			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATer	mActive_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTer	mActive_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_Dmdl	DelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnr	t_lgc	NSrlComSvcDft_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngC	n_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f3	target_VehPwrMd_Per1_Oper	RampRate_XpmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_Oper	RampValue_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_Outpo	utRampMult_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTd	Selected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlCd	target VehPwrMd Per1 SrlComVehSpd Kph f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehS	target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0965000018			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	339.570007			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
Name	Actual Value	Expected Value	Resul	
ATermTimer mS M u32	75451	75451		
ATerm Cnt M Igc	1	1	•	
CTermIgnOffTimer mS M u32	75451	75451		
CTermIgnOnTimer mS M u32	75451	75451		
CTermVehSpdInvalidTimer_mS_M_u32	75451	75451		
CTerm_Cnt_M_lgc	1	1	•	
RampStatus Cnt M u08	0	0		
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1		
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1		
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00260000001	0.00260000001 ± 0.00156	•	
target VehPwrMd Per1 OperRampValue Uls f32.value	1	1 ± 0.000061		

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>~</b>

Test Step 2.15 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
ATermTimer_mS_M_u32	585517312
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	854222080
CTermIgnOnTimer_mS_M_u32	787991296
CTermVehSpdInvalidTimer_mS_M_u32	891470080
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3
k_ATermTimeout_mS_u16	12768
k_CTermIgnOffTimeout_mS_u16	27521
k_CTermIgnOnTimeout_mS_u16	25053
k_CTermVehSpdInvalidTimeout_mS_u16	42257
k_RampDnRt_UlspmS_f32	0.00215000007
k_RampUpRtLoSpd_UlspmS_f32	0.0033499999
k_STTdEntryThresh_Kph_f32	102.989998
k_STTdExitThresh_Kph_f32	141.669998



Name	Input Value	
k_STTdRampDownRate_UlspmS_f32	0.00239000004	
k_STTdRampUpRate_UlspmS_f32	0.00039999999	
k_VehSpdThresh_Kph_f32	174.660004	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u1	_Elapse 13728	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_0	urrentTir 33787	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_C	t_lgc target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f3	target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f3	target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f3	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.102300003	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	494.899994	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0	
Name	Actual Value Expected Va	alue Result
ATermTimer_mS_M_u32	33787 33787	~
ATerm_Cnt_M_lgc	1 1	<b>✓</b>
CTermIgnOffTimer_mS_M_u32	33787 33787	~
CTermIgnOnTimer_mS_M_u32	33787 33787	<b>✓</b>
CTermVehSpdInvalidTimer_mS_M_u32	891470080 891470080	~
CTerm_Cnt_M_lgc	1 1	<b>✓</b>
RampStatus_Cnt_M_u08	0 0	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1 1	<b>✓</b>
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1 1	<b>✓</b>
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.0033499999 0.0033499999	± 0.00156
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1 1 ± 0.000061	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 2.16 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	2874140672
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	1051956224
CTermIgnOnTimer_mS_M_u32	2812502528
CTermVehSpdInvalidTimer_mS_M_u32	477790208
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4
<_ATermTimeout_mS_u16	4642
k_CTermIgnOffTimeout_mS_u16	27094
c_CTermIgnOnTimeout_mS_u16	27034
k_CTermVehSpdInvalidTimeout_mS_u16	46871
<_RampDnRt_UlspmS_f32	0.00239000004
k_RampUpRtLoSpd_UlspmS_f32	0.00270999991
k_STTdEntryThresh_Kph_f32	34.6500015
k_STTdExitThresh_Kph_f32	240.220001
<pre>&lt;_STTdRampDownRate_UlspmS_f32</pre>	0.00263
k_STTdRampUpRate_UlspmS_f32	0.00260000001
k_VehSpdThresh_Kph_f32	167.610001



Name	Input Value			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_El	apse 38332			
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_Current and the property of the $	entTir 875454			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermAd	ctive_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermAd	ctive_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDele	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lg	gc target_VehPwrMd_Per1_EngONS	rlComSvcDft_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_0	Cnt_lgc		
$target\_Rte\_Inst\_Ap\_VehPwrMd.VehPwrMd\_Per1\_OperRampRate\_XpmS\_f32$	target_VehPwrMd_Per1_OperRan	npRate_XpmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRan	npValue_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRa	ampMult_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSel	ected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComV	ehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpd\	/alid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.342000008			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	344.829987			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	875454	875454	~	
ATerm_Cnt_M_lgc	1	1	<b>✓</b>	
CTermIgnOffTimer_mS_M_u32	875454	875454	<b>✓</b>	
CTermIgnOnTimer_mS_M_u32	875454	875454	<b>✓</b>	
CTermVehSpdInvalidTimer_mS_M_u32	875454	875454	~	
CTerm_Cnt_M_lgc	1	1	<b>✓</b>	
RampStatus_Cnt_M_u08	0	0	~	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	~	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00270999991	0.00270999991 ± 0.00156	<b>✓</b>	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	~	

T .				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>

Test Step 2.17 (Repeat Count = 1)	✓
Name	Input Value
ATermTimer_mS_M_u32	1129253632
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	4275308288
CTermIgnOnTimer_mS_M_u32	213687552
CTermVehSpdInvalidTimer_mS_M_u32	2016363264
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	21400
k_CTermIgnOffTimeout_mS_u16	40627
k_CTermIgnOnTimeout_mS_u16	22238
k_CTermVehSpdInvalidTimeout_mS_u16	35105
k_RampDnRt_UlspmS_f32	0.00263
k_RampUpRtLoSpd_UlspmS_f32	0.00255000009
k_STTdEntryThresh_Kph_f32	146.419998
k_STTdExitThresh_Kph_f32	196.919998
k_STTdRampDownRate_UlspmS_f32	0.00286999997
k_STTdRampUpRate_UlspmS_f32	0.00380000006
k_VehSpdThresh_Kph_f32	191.669998
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	35893
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTir$	22238
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc



Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive	e_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestD	A_Cnt_u08	
$target\_Rte\_Inst\_Ap\_VehPwrMd.VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_Ig$	c target_VehPwrMd_Per1_EngONSrlCd	pmSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampR	ate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampV	alue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRamp	Mult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelecte	ed_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehS	Spd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid	I_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.363999993		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	489.200012		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	22238	22238	~
ATerm_Cnt_M_lgc	1	1	•
CTermIgnOffTimer_mS_M_u32	22238	22238	~
CTermIgnOnTimer_mS_M_u32	22238	22238	•
CTermVehSpdInvalidTimer_mS_M_u32	22238	22238	~
CTerm_Cnt_M_lgc	1	1	<b>✓</b>
RampStatus_Cnt_M_u08	0	0	<b>✓</b>
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	<u> </u>
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00255000009	0.00255000009 ± 0.00156	<b>✓</b>
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	~

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 2.18 (Repeat Count = 1)	<u> </u>
Name	Input Value
ATermTimer_mS_M_u32	3617432064
ATerm_Cnt_M_lgc	1
CTermlgnOffTimer_mS_M_u32	67022336
CTermIgnOnTimer_mS_M_u32	3759991808
CTermVehSpdInvalidTimer_mS_M_u32	534575616
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	55425
k_CTermIgnOffTimeout_mS_u16	57478
k_CTermIgnOnTimeout_mS_u16	29087
k_CTermVehSpdInvalidTimeout_mS_u16	27310
k_RampDnRt_UlspmS_f32	0.00319000008
k_RampUpRtLoSpd_UlspmS_f32	0.00239000004
k_STTdEntryThresh_Kph_f32	74.9199982
k_STTdExitThresh_Kph_f32	193.75
k_STTdRampDownRate_UlspmS_f32	0.00310999993
k_STTdRampUpRate_UlspmS_f32	0.00449999981
k_VehSpdThresh_Kph_f32	30.7299995
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	37991
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u33\_CurrentT$	29087
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc



Name	Input Value		
$target\_Rte\_Inst\_Ap\_VehPwrMd.VehPwrMd\_Per1\_OperRampRate\_XpmS\_f32$	target_VehPwrMd_Per1_OperRa	ampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRa	ampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_Output	RampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdS	elected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlCom	VehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSp	dValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.386000007		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	37.7700005		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	29087	29087	~
ATerm_Cnt_M_lgc	1	1	~
CTermIgnOffTimer_mS_M_u32	29087	29087	~
CTermIgnOnTimer_mS_M_u32	29087	29087	~
CTermVehSpdInvalidTimer_mS_M_u32	29087	29087	~
CTerm_Cnt_M_lgc	1	1	<b>✓</b>
RampStatus_Cnt_M_u08	1	1	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	<b>✓</b>
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00239000004	0.00239000004 ± 0.00156	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	<b>~</b>

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	<b>~</b>
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 2.19 (Repeat Count = 1)	·
Name	Input Value
ATermTimer_mS_M_u32	902683904
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	1406843136
CTermIgnOnTimer_mS_M_u32	234356480
CTermVehSpdInvalidTimer_mS_M_u32	678417664
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3
k_ATermTimeout_mS_u16	40418
k_CTermIgnOffTimeout_mS_u16	10697
k_CTermIgnOnTimeout_mS_u16	43448
k_CTermVehSpdInvalidTimeout_mS_u16	28420
k_RampDnRt_UlspmS_f32	0.000630000024
k_RampUpRtLoSpd_UlspmS_f32	0.00462999986
k_STTdEntryThresh_Kph_f32	58.0299988
k_STTdExitThresh_Kph_f32	10.4899998
k_STTdRampDownRate_UlspmS_f32	0.0033499999
k_STTdRampUpRate_UlspmS_f32	0.0037
k_VehSpdThresh_Kph_f32	151.839996
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16\_ElapsedTime\_mSulfalesedTime\_m$	15454
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_m$	43448
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc



Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlC	omVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehS	SpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.407999992		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	150.460007		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	43448	43448	~
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	43448	43448	<b>✓</b>
CTermIgnOnTimer_mS_M_u32	43448	43448	✓
CTermVehSpdInvalidTimer_mS_M_u32	43448	43448	✓
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	2	2	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.0037	0.0037 ± 0.00156	<b>✓</b>
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	✓

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap VehPwrMd NxtrDiagMgr GetNTCFailed	3	Rte Call Ap VehPwrMd NxtrDiagMgr GetNTCFailed	3	•

Test Step 2.20 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	971582464
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	3056769024
CTermIgnOnTimer_mS_M_u32	2087896576
CTermVehSpdInvalidTimer_mS_M_u32	2145600512
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4
k_ATermTimeout_mS_u16	49514
k_CTermIgnOffTimeout_mS_u16	4556
k_CTermIgnOnTimeout_mS_u16	55384
k_CTermVehSpdInvalidTimeout_mS_u16	22285
k_RampDnRt_UlspmS_f32	0.000469999999
k_RampUpRtLoSpd_UlspmS_f32	0.00206999993
k_STTdEntryThresh_Kph_f32	146.869995
k_STTdExitThresh_Kph_f32	98.5800018
k_STTdRampDownRate_UlspmS_f32	0.00359000009
k_STTdRampUpRate_UlspmS_f32	0.00240000011
k_VehSpdThresh_Kph_f32	125.269997
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	24504
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	55384
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1



Name	Input Value		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.430000007		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	298.809998		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	55384	55384	~
ATerm_Cnt_M_lgc	1	1	✓
CTermlgnOffTimer_mS_M_u32	55384	55384	<b>✓</b>
CTermIgnOnTimer_mS_M_u32	55384	55384	✓
CTermVehSpdInvalidTimer_mS_M_u32	55384	55384	~
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	0	0	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	<b>✓</b>
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00206999993	0.00206999993 ± 0.00156	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	~

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>

Test Step 2.21 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	2173910784
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	1231485696
CTermIgnOnTimer_mS_M_u32	2027843840
CTermVehSpdInvalidTimer_mS_M_u32	3590649600
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$\label{lem:continuous} Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
c_ATermTimeout_mS_u16	43983
C_CTermIgnOffTimeout_mS_u16	15968
CCTermIgnOnTimeout_mS_u16	30644
CTermVehSpdInvalidTimeout_mS_u16	61390
 <_RampDnRt_UlspmS_f32	0.000310000003
RampUpRtLoSpd UlspmS f32	0.00190999999
STTdEntryThresh Kph f32	197.830002
STTdExitThresh Kph f32	243.429993
STTdRampDownRate UlspmS f32	0.00383000006
STTdRampUpRate UlspmS f32	0.00109999999
C VehSpdThresh Kph f32	91.0800018
arget Rte Call Ap VehPwrMd EpsEn OP GET signal	0
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	1
arget Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTir	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 ATermActive Cnt Igc	target VehPwrMd Per1 ATermActive Cnt Igc
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target VehPwrMd Per1 CTermActive Cnt Igc
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDA Cnt u08	target VehPwrMd Per1 DmdDelestDA Cnt u08
arget_Rte_inst_Ap_venPwiMd.VenPwiMd_Pen_bindbelestbA_cnt_uoo arget_Rte_inst_Ap_venPwiMd.VehPwiMd_Pen1_EngONSrlComSvcDft_Cnt_lgc	target VehPwrMd Per1 EngONSrlComSvcDft Cnt lqc
	0 =
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
arget_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.93999998
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	414.450012



Name	Input Value	Input Value			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0				
Name	Actual Value	Expected Value	Result		
ATermTimer_mS_M_u32	30644	30644	~		
ATerm_Cnt_M_lgc	1	1	<b>✓</b>		
CTermIgnOffTimer_mS_M_u32	30644	30644	~		
CTermIgnOnTimer_mS_M_u32	30644	30644	<b>✓</b>		
CTermVehSpdInvalidTimer_mS_M_u32	30644	30644	<b>✓</b>		
CTerm_Cnt_M_lgc	1	1	<b>✓</b>		
RampStatus_Cnt_M_u08	0	0	<b>✓</b>		
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	<b>✓</b>		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	<b>✓</b>		
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00190999999	0.00190999999 ± 0.00156	~		
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	~		

Т				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 2.22 (Repeat Count = 1)	Innest Wales		
Name	Input Value		
ATermTimer_mS_M_u32	2661352960		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	1360384512		
CTermIgnOnTimer_mS_M_u32	470249472		
CTermVehSpdInvalidTimer_mS_M_u32	2922110464		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	2		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_O	P_GET_signal	
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTir	me_DtrmnElapsedTime_mS_u16_ElapsedTime	a
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTir	me_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_ATermTimeout_mS_u16	56747		
k_CTermIgnOffTimeout_mS_u16	31442		
k_CTermIgnOnTimeout_mS_u16	2029		
k_CTermVehSpdInvalidTimeout_mS_u16	41719		
k_RampDnRt_UlspmS_f32	0.0037		
k_RampUpRtLoSpd_UlspmS_f32	0.000630000024		
STTdEntryThresh Kph f32	100.5		
STTdExitThresh Kph f32	229.550003		
C_STTdRampDownRate_UlspmS_f32	0.00406999979		
STTdRampUpRate UlspmS f32	0.000230000005		
<pre>C</pre>	135.339996		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
arget Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	64998		
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTir			
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 ATermActive Cnt Igc	target VehPwrMd Per1 ATermActive Cnt	lac	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt	<del>-</del> -	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDA Cnt u08	target VehPwrMd Per1 DmdDelestDA Cr		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngONSrlComSvcDft Cnt Igc	target VehPwrMd Per1 EngONSrlComSv	_	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngOn Cnt Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	551_011_Ig0	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampRate XpmS f32	target VehPwrMd Per1 OperRampRate >	(nmS f32	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampValue Uls f32	target_VehPwrMd_Per1_OperRampValue_	-	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	<del>-</del>	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cr		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_k	· <del>-</del>	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt	_igc	
arget_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.879999995		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	20.6800003		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	2029	2029	
ATerm_Cnt_M_lgc	1	1	



Name	Actual Value	Expected Value	Result
CTermIgnOffTimer_mS_M_u32	2029	2029	~
CTermIgnOnTimer_mS_M_u32	2029	2029	✓
CTermVehSpdInvalidTimer_mS_M_u32	2029	2029	~
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	2	2	<b>✓</b>
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	<b>✓</b>
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000230000005	0.000230000005 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	~

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 2.23 (Repeat Count = 1)			~
Name	Input Value		
ATermTimer_mS_M_u32	2605953280		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer mS M u32	639978752		
CTermIgnOnTimer mS M u32	424178432		
·	3323144448		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	P GET signal	
		ne DtrmnElapsedTime mS u16 ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin		
	target Rte Inst Ap VehPwrMd		
	2		
k_ATermTimeout_mS_u16	42227		
k_CTermIgnOffTimeout_mS_u16	12022		
k_CTermIgnOnTimeout_mS_u16	15454		
k_CTermVehSpdInvalidTimeout_mS_u16	49463		
k RampDnRt UlspmS f32			
	0.00240000011 0.000469999999		
k_RampUpRtLoSpd_UlspmS_f32			
k_STTdEntryThresh_Kph_f32	17.8299999		
	209.169998		
k_STTdRampDownRate_UlspmS_f32	0.00431000022		
k_STTdRampUpRate_UlspmS_f32	0.000469999999		
k_VehSpdThresh_Kph_f32	97.5500031		
	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cn		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc	:Dft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_I	Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cn	t_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K	ph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00600000005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	28.0300007		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2605953280	2605953280	-
ATerm Cnt M lgc	1	1	•
CTermIgnOffTimer mS M u32	639978752	639978752	
CTermIgnOnTimer mS M u32	15454	15454	
CTermVehSpdInvalidTimer_mS_M_u32	15454	15454	
CTerm Cnt M lgc	0	0	



Name	Actual Value	Expected Value	Result
RampStatus_Cnt_M_u08	1	1	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	<b>✓</b>
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	<b>✓</b>
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00240000011	0.00240000011 ± 0.00156	✓
target VehPwrMd Per1 OperRampValue Uls f32.value	0	0 ± 0.000061	<b>✓</b>

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	~

Test Step 2.24 (Repeat Count = 1) Name	Input Value		
	•		
ATermTimer_mS_M_u32	430419968		
ATerm_Cnt_M_lgc	1		
CTermlgnOffTimer_mS_M_u32	1386404864		
CTermIgnOnTimer_mS_M_u32	1565616640		
CTermVehSpdInvalidTimer_mS_M_u32	222906368		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF		
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTin	ne_DtrmnElapsedTime_mS_u16_ElapsedTir	me
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin	ne_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_ATermTimeout_mS_u16	43143		
k_CTermIgnOffTimeout_mS_u16	50710		
k_CTermIgnOnTimeout_mS_u16	24504		
k_CTermVehSpdInvalidTimeout_mS_u16	44867		
k_RampDnRt_UlspmS_f32	0.00109999999		
k_RampUpRtLoSpd_UlspmS_f32	9.9999975e-005		
k_STTdEntryThresh_Kph_f32	221.759995		
k STTdExitThresh Kph f32	184.350006		
k STTdRampDownRate UlspmS f32	0.00455000019		
k STTdRampUpRate UlspmS f32	0.000709999993		
k VehSpdThresh Kph f32	165.960007		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_	lac	
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cn		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvd	Dit_Cit_igc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	0.00	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	<del>-</del>	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cn		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt	_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00800000038		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	289.48999		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	24504	24504	
ATerm Cnt M lgc	1	1	
CTermIgnOffTimer mS M u32	24504	24504	
CTermIgnOnTimer mS M u32	24504	24504	
·	24504	24504	
CTermVehSpdInvalidTimer_mS_M_u32			
CTerm_Cnt_M_lgc	1	1	
RampStatus_Cnt_M_u08 target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	
	1	1	



Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.9999975e-005	9.9999975e-005 ± 0.00156	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	~

Т				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	•
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•

Nama	Innut Value			
Name	Input Value			
ATermTimer_mS_M_u32	4050105088			
ATerm_Cnt_M_lgc	0			
CTermIgnOffTimer_mS_M_u32	2049322752			
CTermIgnOnTimer_mS_M_u32	231900416			
CTermVehSpdInvalidTimer_mS_M_u32	987949824			
CTerm_Cnt_M_lgc	0			
RampStatus_Cnt_M_u08	2			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	P_GET_signal		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	ne_DtrmnElapsedTime_mS_u16_Elaps	sedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	ne_GetSystemTime_mS_u32_CurrentT	Time	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
k_ATermTimeout_mS_u16	16775			
k_CTermIgnOffTimeout_mS_u16	5650			
k_CTermIgnOnTimeout_mS_u16	25510			
k_CTermVehSpdInvalidTimeout_mS_u16	15037			
k RampDnRt UlspmS f32	0.00260000001			
k RampUpRtLoSpd UlspmS f32	0.00499999989			
k STTdEntryThresh Kph f32	174.199997			
k_STTdExitThresh_Kph_f32	52.6800003			
k_STTdRampDownRate UlspmS f32	0.00479000015			
	0.000950000016			
k_STTdRampUpRate_UlspmS_f32				
k_VehSpdThresh_Kph_f32	143.570007			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse				
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cn	t_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvc	Dft_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	pmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	Jls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cn	t_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K	ph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00999999978			
target VehPwrMd Per1 STTdSelected Cnt lgc.value	0			
target VehPwrMd Per1 SrlComVehSpd Kph f32.value	161.5			
target VehPwrMd Per1 VehSpdValid Cnt Igc.value	1			
		1=	1_	
Name	Actual Value	Expected Value	Resu	
ATermTimer_mS_M_u32	25510	25510		
ATerm_Cnt_M_lgc	1	1		
CTermIgnOffTimer_mS_M_u32	25510	25510		
CTermIgnOnTimer_mS_M_u32	25510	25510		
CTermVehSpdInvalidTimer_mS_M_u32	25510	25510		
CTerm_Cnt_M_lgc	1	1		
RampStatus_Cnt_M_u08	2	2		
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1		
target VehPwrMd Per1 OperRampRate XpmS f32.value	0.00499999989	0.00499999989 ± 0.00156		
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061		



T						
Actual Function	Count	Expected Function	Count	Result		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~		

Test Step 2.26 (Repeat Count = 1)			•	
Name	Input Value			
ATermTimer_mS_M_u32	1643358720			
ATerm_Cnt_M_lgc	0			
CTermIgnOffTimer_mS_M_u32	3970446848			
CTermIgnOnTimer_mS_M_u32	4135269376			
CTermVehSpdInvalidTimer_mS_M_u32	2556559872			
CTerm_Cnt_M_lgc	0			
RampStatus_Cnt_M_u08	0			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsE	n_OP_GET_signal		
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_Syste	mTime_DtrmnElapsedTime_mS_u16_Elaps	sedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_Syste	mTime_GetSystemTime_mS_u32_Current1	Time	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
k_ATermTimeout_mS_u16	31573			
k_CTermIgnOffTimeout_mS_u16	22027			
k_CTermIgnOnTimeout_mS_u16	64998			
k_CTermVehSpdInvalidTimeout_mS_u16	1914			
k_RampDnRt_UlspmS_f32	0.00249999994			
k_RampUpRtLoSpd_UlspmS_f32	0.00240000011			
k_STTdEntryThresh_Kph_f32	144.179993			
k STTdExitThresh Kph f32	154.110001			
k_STTdRampDownRate_UlspmS_f32	0.00462999986			
k_STTdRampUpRate_UlspmS_f32	0.00118999998			
k_VehSpdThresh_Kph_f32	30.1599998			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1			
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	32015			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target VehPwrMd Per1 CTermActive Cnt Igc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestD/	<del>-</del>		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlCo			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRa			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampVa			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampl			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelecte			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehS			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target VehPwrMd Per1 VehSpdValid			
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0	_Ont_ige		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0120000001			
target_vehr-wind_rer1_StTdSelected_Cnt_lgc.value	0			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	211.539993			
	0			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value		le divi		
Name	Actual Value	Expected Value	Resul	
ATermTimer_mS_M_u32	64998	64998	,	
ATerm_Cnt_M_lgc	1	1	•	
CTermIgnOffTimer_mS_M_u32	64998	64998	•	
CTermIgnOnTimer_mS_M_u32	64998	64998	•	
CTermVehSpdInvalidTimer_mS_M_u32	64998	64998	•	
CTerm_Cnt_M_lgc	1	1	•	
RampStatus_Cnt_M_u08	0	0	•	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00240000011	0.00240000011 ± 0.00156	•	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	•	



T ✓						
Actual Function	Count	Expected Function	Count	Result		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>		

Test Step 2.27 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	1491846400			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	167649536	167649536		
CTermIgnOnTimer_mS_M_u32	4261226240			
CTermVehSpdInvalidTimer_mS_M_u32	4244684032			
CTerm_Cnt_M_lgc	0			
RampStatus_Cnt_M_u08	1			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal			
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16 (ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_Sy	ystemTime_DtrmnElapsedTime_mS_u16_Elaps	sedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_Sy	ystemTime_GetSystemTime_mS_u32_Current	īme	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
k_ATermTimeout_mS_u16	61318			
k_CTermIgnOffTimeout_mS_u16	46683			
k_CTermIgnOnTimeout_mS_u16	27906			
k_CTermVehSpdInvalidTimeout_mS_u16	959			
k_RampDnRt_UlspmS_f32	9.9999975e-005			
k_RampUpRtLoSpd_UlspmS_f32	0.00109999999			
k_STTdEntryThresh_Kph_f32	32.3699989			
k STTdExitThresh Kph f32	138.539993			
k STTdRampDownRate UlspmS f32	0.00447000004			
k_STTdRampUpRate_UlspmS_f32	0.00142999995			
k_VehSpdThresh_Kph_f32	64.1299973			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse				
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_Cate_SystemTime_ms_u32_CurrentTime_Cate_SystemTime_ms_u32_CurrentTime_Cate_SystemTime_ms_u32_CurrentTime_Cate_SystemTime_ms_u32_CurrentTime_Cate_SystemTime_ms_u32_CurrentTime_Cate_SystemTime_ms_u32_CurrentTime_Cate_SystemTime_cate				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target VehPwrMd Per1 CTermAct			
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDeles			
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrl			
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_C			
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRam			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRam			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRa			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSele			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVe			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdVa	alid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0140000004			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	261.649994			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
Name	Actual Value	Expected Value	Resul	
ATermTimer_mS_M_u32	27906	27906	•	
ATerm_Cnt_M_lgc	1	1	•	
CTermIgnOffTimer_mS_M_u32	27906	27906	•	
CTermIgnOnTimer_mS_M_u32	27906	27906	•	
CTermVehSpdInvalidTimer_mS_M_u32	27906	27906		
CTerm_Cnt_M_lgc	1	1	•	
RampStatus_Cnt_M_u08	1	1		
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1		
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00109999999	0.00109999999 ± 0.00156		
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061		



T						
Actual Function	Count	Expected Function	Count	Result		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~		

Test Step 2.28 (Repeat Count = 1)			•	
Name	Input Value			
ATermTimer_mS_M_u32	170882048			
ATerm_Cnt_M_lgc	0			
CTermIgnOffTimer_mS_M_u32	3278397440	3278397440		
CTermIgnOnTimer_mS_M_u32	2466467328			
CTermVehSpdInvalidTimer_mS_M_u32	3352333312	3352333312		
CTerm_Cnt_M_lgc	1			
RampStatus_Cnt_M_u08	2			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal			
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_Sys	temTime_DtrmnElapsedTime_mS_u16_Elap	sedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_Sys	temTime_GetSystemTime_mS_u32_Current	Гime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
k_ATermTimeout_mS_u16	40478			
k_CTermIgnOffTimeout_mS_u16	9399			
k_CTermIgnOnTimeout_mS_u16	54812			
k_CTermVehSpdInvalidTimeout_mS_u16	55163			
k_RampDnRt_UlspmS_f32	0.00499999989			
k_RampUpRtLoSpd_UlspmS_f32	0.000230000005			
k_STTdEntryThresh_Kph_f32	61.4799995			
k_STTdExitThresh_Kph_f32	71.0500031			
k_STTdRampDownRate_UlspmS_f32	0.00431000022			
k_STTdRampUpRate_UlspmS_f32	0.00167000003			
k_VehSpdThresh_Kph_f32	97.0199966			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1			
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16\_Elapse$	20778			
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTireups_suspension_$	54812			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActiv	re_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestl	DA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlC	comSvcDft_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt	t_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRample	Rate_XpmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRamp\	Value_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRam	pMult_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelect	ted_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVeh	Spd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdVali	id_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0160000008			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	121.540001			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
Name	Actual Value	Expected Value	Resul	
ATermTimer_mS_M_u32	54812	54812		
ATerm Cnt M lgc	1	1		
CTermIgnOffTimer_mS_M_u32	54812	54812		
CTermIgnOnTimer_mS_M_u32	54812	54812		
CTermVehSpdInvalidTimer mS M u32	54812	54812		
CTerm Cnt M lgc	1	1		
RampStatus Cnt M u08	2	2		
target VehPwrMd Per1 ATermActive Cnt lgc.value	1	1		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1		
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00167000003	0.00167000003 ± 0.00156		
target form within the open tampitate Apino loz. value	0.00 101 000000	0.00101000000 ± 0.00100		



T ✓						
Actual Function	Count	Expected Function	Count	Result		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>		

Name	Input Value			
ATermTimer_mS_M_u32	3823134464			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	317039360			
CTermIgnOnTimer_mS_M_u32	21813504			
CTermVehSpdInvalidTimer_mS_M_u32	761077504			
CTerm_Cnt_M_lgc	0			
RampStatus_Cnt_M_u08		0		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_Eps			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		temTime_DtrmnElapsedTime_mS_u16_Elaps		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_Sys	temTime_GetSystemTime_mS_u32_CurrentT	ime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
c_ATermTimeout_mS_u16	8402			
CCTermIgnOffTimeout_mS_u16	23486			
C_CTermIgnOnTimeout_mS_u16	10121			
<pre>c_CTermVehSpdInvalidTimeout_mS_u16</pre>	12962			
<pre>c_RampDnRt_UlspmS_f32</pre>	0.0037			
RampUpRtLoSpd UlspmS f32	0.000469999999			
<pre>c_structure</pre> <pre>c_STTdEntryThresh_Kph_f32</pre>	45.1300011			
STTdExitThresh Kph f32	152.119995			
STTdRampDownRate UlspmS f32	0.00414999994			
C_STTdRampUpRate_UlspmS_f32	0.00190999999			
	153.949997			
CychSpdThresh_Kph_f32     CychSpdThr				
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse				
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi				
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActiv			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActiv	e_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelest	DA_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlC	omSvcDft_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cn	_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampl	Rate_XpmS_f32		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRamp\	/alue_Uls_f32		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRam			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelect			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVeh			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdVal			
arget_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0	u_ont_ige		
arget VehPwrMd Per1 EngONSrlComSvcDft Cnt lgc.value	0			
	0			
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value				
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0179999992			
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	474.76001			
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
Name	Actual Value	Expected Value	Resu	
ATermTimer_mS_M_u32	10121	10121		
ATerm_Cnt_M_lgc	1	1		
CTermIgnOffTimer_mS_M_u32	10121	10121		
CTermIgnOnTimer_mS_M_u32	10121	10121		
CTermVehSpdInvalidTimer_mS_M_u32	10121	10121		
CTerm_Cnt_M_lgc	1	1		
RampStatus Cnt M u08	0	0		
arget VehPwrMd Per1 ATermActive Cnt Igc.value	1	1		
·	1	1		
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000469999999	0.000469999999 ± 0.00156		



Т				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 2.30 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	2119798272			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	2704923136	2704923136		
CTermIgnOnTimer_mS_M_u32	2656843776			
CTermVehSpdInvalidTimer_mS_M_u32	2596496896			
CTerm_Cnt_M_lgc	0			
RampStatus_Cnt_M_u08	1			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	P_GET_signal		
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTin	ne_DtrmnElapsedTime_mS_u16_Elapse	edTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin	ne_GetSystemTime_mS_u32_CurrentTi	me	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
k_ATermTimeout_mS_u16	0			
k_CTermIgnOffTimeout_mS_u16	41045			
k_CTermIgnOnTimeout_mS_u16	32015			
k_CTermVehSpdInvalidTimeout_mS_u16	3610			
k_RampDnRt_UlspmS_f32	0.00240000011			
k_RampUpRtLoSpd_UlspmS_f32	0.000500000024			
k_STTdEntryThresh_Kph_f32	121.209999			
k_STTdExitThresh_Kph_f32	129.089996			
k_STTdRampDownRate_UlspmS_f32	0.00399000011			
k_STTdRampUpRate_UlspmS_f32	0.00215000007			
k_VehSpdThresh_Kph_f32	140.339996			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	59435			
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTir				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target VehPwrMd Per1 CTermActive Cnt			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cn			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvd			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	nmS f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_	_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cn	_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0	_igc		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0199999996			
target_vehr-wind_rer1_StTdSelected_Cnt_lgc.value	0			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	132.100006			
target VehPwrMd Per1 VehSpdValid Cnt Igc.value	0			
		l=		
Name	Actual Value	Expected Value	Resul	
ATermTimer_mS_M_u32	2119798272	2119798272	•	
ATerm_Cnt_M_lgc	0	0	•	
CTermIgnOffTimer_mS_M_u32	222906368	222906368	•	
CTermIgnOnTimer_mS_M_u32	222906368	222906368	•	
CTermVehSpdInvalidTimer_mS_M_u32	222906368	222906368	•	
CTerm_Cnt_M_lgc	0	0	•	
RampStatus_Cnt_M_u08	1	1	•	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	•	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	•	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00240000011	0.00240000011 ± 0.00156	•	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061		



Т				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	•
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 2.31 (Repeat Count = 1)			•	
Name	Input Value			
ATermTimer_mS_M_u32	1749686528			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	2950247680	2950247680		
CTermIgnOnTimer_mS_M_u32	3211401984			
CTermVehSpdInvalidTimer_mS_M_u32	2825687296			
CTerm_Cnt_M_lgc	0			
RampStatus_Cnt_M_u08	2			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	_GET_signal		
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16 (ElapsedTime\_mS_u16 (Elapsed$	target_Rte_Call_Ap_VehPwrMd_SystemTim	ne_DtrmnElapsedTime_mS_u16_Elaps	edTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	ne_GetSystemTime_mS_u32_CurrentT	ime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
k_ATermTimeout_mS_u16	65535			
k_CTermIgnOffTimeout_mS_u16	50572			
k_CTermIgnOnTimeout_mS_u16	53016			
k_CTermVehSpdInvalidTimeout_mS_u16	25839			
k_RampDnRt_UlspmS_f32	0.00109999999			
k_RampUpRtLoSpd_UlspmS_f32	0.00400000019			
k_STTdEntryThresh_Kph_f32	115.830002			
k_STTdExitThresh_Kph_f32	225.669998			
k_STTdRampDownRate_UlspmS_f32	0.00383000006			
k_STTdRampUpRate_UlspmS_f32	0.00239000004			
k_VehSpdThresh_Kph_f32	141.669998			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elaps	e 19028			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentT	ir 987949824			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_	lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_	lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cn	t_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvc	Dft_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	pmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_I	Jls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	Jls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cn	t_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_			
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0219999999			
target VehPwrMd Per1 STTdSelected Cnt Igc.value	1			
target VehPwrMd Per1 SrlComVehSpd Kph f32.value	131.279999			
target VehPwrMd Per1 VehSpdValid Cnt Igc.value	0			
Name	Actual Value	Expected Value	Resul	
ATermTimer_mS_M_u32	1749686528	1749686528	,	
ATerm Cnt M lgc	1	1		
CTermIgnOffTimer mS M u32	987949824	987949824		
CTermIgnOnTimer mS M u32	987949824	987949824		
CTermVehSpdInvalidTimer mS M u32	987949824	987949824		
CTerm Cnt M lgc	0	0		
RampStatus Cnt M u08	2	2		
target VehPwrMd Per1 ATermActive Cnt Igc.value	1	1		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0		
target_vehrwind_rer1_OperRampRate_XpmS_f32.value	0.00109999999	0.00109999999 ± 0.00156		
target_vehPwrMd_Per1_OperRampValue_Uls_f32.value	0.00109999999	0.00109999999 ± 0.00130		



Т				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 2.32 (Repeat Count = 1)			•
Name	Input Value		
ATermTimer_mS_M_u32	3999561728		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	3341231104		
CTermIgnOnTimer mS M u32	1670148608		
CTermVehSpdInvalidTimer_mS_M_u32	3990687744		
CTerm_Cnt_M_lgc	0		
RampStatus Cnt M u08	0		
Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target Rte Call Ap VehPwrMd EpsEn OP	GET signal	
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16(ElapsedTime)		•	dTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target Rte Call Ap VehPwrMd SystemTim		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1		
k_ATermTimeout_mS_u16	52242		
k CTermIgnOffTimeout mS u16	27892		
k_CTermIgnOnTimeout_mS_u16	20778		
k_CTermVehSpdInvalidTimeout_mS_u16	38076		
k_RampDnRt_UlspmS_f32	0.000230000005		
k RampUpRtLoSpd UlspmS f32	0.00319999992		
k STTdEntryThresh Kph f32	87.4000015		
k_STTdExitThresh_Kph_f32	93.4599991		
k_STTdRampDownRate_UlspmS_f32	0.00367000001		
k STTdRampUpRate UlspmS f32	0.00263		
k_VehSpdThresh_Kph_f32	240.220001		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapset target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi			
		la a	
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	•	
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc	Dit_Crit_igc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	0.100	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_U	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0240000002		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	366.529999		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	3999561728	3999561728	
ATerm_Cnt_M_lgc	0	0	
CTermIgnOffTimer_mS_M_u32	2556559872	2556559872	
CTermIgnOnTimer_mS_M_u32	2556559872	2556559872	
CTermVehSpdInvalidTimer_mS_M_u32	2556559872	2556559872	
CTerm_Cnt_M_lgc	0	0	
RampStatus_Cnt_M_u08	0	0	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000230000005	0.000230000005 ± 0.00156	
<u> </u>			

0

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value



T	Т			
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 2.33 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
ATermTimer_mS_M_u32	1079073536
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	1740199680
CTermIgnOnTimer_mS_M_u32	2436984064
CTermVehSpdInvalidTimer_mS_M_u32	2185728768
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16\_ElapsedTime$
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	23558
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	4719
k_CTermVehSpdInvalidTimeout_mS_u16	39026
k_RampDnRt_UlspmS_f32	0.000469999999
k_RampUpRtLoSpd_UlspmS_f32	0.00120000006
k_STTdEntryThresh_Kph_f32	2 12 9993



Т				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 2.34 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	2379657728			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	3264134656			
CTermIgnOnTimer_mS_M_u32	701398016			
CTermVehSpdInvalidTimer_mS_M_u32	2262043136			
CTerm_Cnt_M_lgc	1			
RampStatus_Cnt_M_u08	2			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_	_OP_GET_signal		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime	e) target_Rte_Call_Ap_VehPwrMd_System	Time_DtrmnElapsedTime_mS_u16_Elaps	sedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
_ATermTimeout_mS_u16	7286			
_CTermIgnOffTimeout_mS_u16	65535			
_CTermIgnOnTimeout_mS_u16	59435			
_CTermVehSpdInvalidTimeout_mS_u16	17403			
_RampDnRt_UlspmS_f32	0.000709999993			
_RampUpRtLoSpd_UlspmS_f32	0.00039999999			
_STTdEntryThresh_Kph_f32	144.119995			
STTdExitThresh_Kph_f32	255			
STTdRampDownRate_UlspmS_f32	0.0033499999			
STTdRampUpRate UlspmS f32	0.00310999993			
VehSpdThresh_Kph_f32	193.75			
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
arget Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elap	se 48958			
arget Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 Current				
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_0	Ont lgc		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc		target VehPwrMd Per1 CTermActive Cnt Igc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc		target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lg			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValu	_ · _		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMi			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpo			
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 VehSpdValid Cnt Igc	target_VehPwrMd_Per1_VehSpdValid_0	- · -		
arget_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0	Sin_igo		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0280000009			
arget_Vehr white_cri_output/camphidit_ors_rsz.value	0			
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value				
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	96.4899979			
		Proposition d Welling	D	
Name	Actual Value	Expected Value	Res	
.TermTimer_mS_M_u32	3352333312	3352333312		
.Term_Cnt_M_lgc	1	1		
CtermIgnOffTimer_mS_M_u32	3264134656	3264134656		
CTermIgnOnTimer_mS_M_u32	3352333312	3352333312		
TermVehSpdInvalidTimer_mS_M_u32	3352333312	3352333312		
Term_Cnt_M_lgc	1	1		
RampStatus_Cnt_M_u08	2	2		
arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1		
arget_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1		
arget_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00039999999	0.00039999999 ± 0.00156		
target VehPwrMd Per1 OperRampValue Uls f32 value	1	1 + 0 000061		

1

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value



Т				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	•
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 2.35 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	191016192			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	745179392			
CTermIgnOnTimer_mS_M_u32	2871217920	2871217920		
CTermVehSpdInvalidTimer_mS_M_u32	1674224896			
CTerm_Cnt_M_lgc	1			
RampStatus_Cnt_M_u08	0			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsE	n_OP_GET_signal		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	ne) target_Rte_Call_Ap_VehPwrMd_Syste	emTime_DtrmnElapsedTime_mS_u16_Elaps	sedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
c_ATermTimeout_mS_u16	47683			
CTermIgnOffTimeout_mS_u16	31476			
<pre>&lt;_CTermIgnOnTimeout_mS_u16</pre>	19028			
CTermVehSpdInvalidTimeout_mS_u16	52571			
	0.000950000016			
_RampUpRtLoSpd_UlspmS_f32	0.00260000001			
<pre>C_STTdEntryThresh_Kph_f32</pre>	202.679993			
_STTdExitThresh_Kph_f32	55.9000015			
_STTdRampDownRate_UlspmS_f32	0.00319000008			
c_STTdRampUpRate_UlspmS_f32	0.0033499999			
_VehSpdThresh_Kph_f32	10.4899998			
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elap	ose 28331			
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren	tTir 761077504			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive	_Cnt_lgc		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target VehPwrMd Per1 CTermActive			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestD	A_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc				
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRa			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampVa			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampl			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelecte			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehS			
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 VehSpdValid Cnt Igc	target_VehPwrMd_Per1_VehSpdValid			
arget_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0	5		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
arget VehPwrMd Per1 EngOn Cnt Igc.value	0			
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.029999993			
arget VehPwrMd Per1 STTdSelected Cnt Igc.value	1			
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	9.28999996			
arget VehPwrMd Per1 VehSpdValid Cnt Igc.value	1			
Name	Actual Value	Expected Value	Resu	
	761077504	761077504	Rest	
ATermTimer_mS_M_u32 ATerm Cnt M lgc	1	1		
CTermIgnOffTimer mS M u32	745179392	745179392		
CTermignOnTimer_mS_M_us2	745179392 761077504	745179392 761077504		
CTermUehSpdInvalidTimer_mS_M_u32	761077504	761077504		
CTerm_Cnt_M_lgc	1	1		
RampStatus_Cnt_M_u08	0	0		
arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1		
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00260000001	0.00260000001 ± 0.00156		
arget VehPwrMd Per1 OperRampValue Uls f32 value	1	1 + 0 000061	1	

1

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value



Т				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	•
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 2.36 (Repeat Count = 1)			•	
Name	Input Value			
ATermTimer_mS_M_u32	3496655872			
ATerm_Cnt_M_lgc	0			
CTermIgnOffTimer_mS_M_u32	4022544384			
CTermIgnOnTimer_mS_M_u32	909170176			
CTermVehSpdInvalidTimer_mS_M_u32	2098385920			
CTerm_Cnt_M_lgc	1			
RampStatus_Cnt_M_u08	1			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	P_GET_signal		
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16 (ElapsedTime\_mS_u16 (Elapsed$	target_Rte_Call_Ap_VehPwrMd_SystemTin	ne_DtrmnElapsedTime_mS_u16_Elaps	edTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin	ne_GetSystemTime_mS_u32_CurrentT	ime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
k_ATermTimeout_mS_u16	45959			
k_CTermIgnOffTimeout_mS_u16	58191			
k_CTermIgnOnTimeout_mS_u16	0			
k_CTermVehSpdInvalidTimeout_mS_u16	32071			
k_RampDnRt_UlspmS_f32	0.00118999998			
k_RampUpRtLoSpd_UlspmS_f32	0.00380000006			
k STTdEntryThresh Kph f32	192.160004			
k_STTdExitThresh_Kph_f32	39.5800018			
k_STTdRampDownRate_UlspmS_f32	0.00303000002			
k_STTdRampUpRate_UlspmS_f32	0.00359000009			
k_VehSpdThresh_Kph_f32	198.580002			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1			
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elaps	e 49169			
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentT				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_	lac		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cn			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	ComS f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_	_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cn	_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt			
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0	90		
target VehPwrMd Per1 EngONSrlComSvcDft Cnt lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0			
target VehPwrMd Per1 OutputRampMult Uls f32.value	0.0320000015			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	158.240005			
target VehPwrMd Per1 VehSpdValid Cnt Igc.value	1			
		From a stand Walton	D	
Name	Actual Value	Expected Value	Resul	
ATermTimer_mS_M_u32	2596496896	2596496896		
ATerm_Cnt_M_lgc	1	1	•	
CTermIgnOffTimer_mS_M_u32	2596496896	2596496896		
CTermIgnOnTimer_mS_M_u32	909170176	909170176	•	
CTermVehSpdInvalidTimer_mS_M_u32	2596496896	2596496896	,	
CTerm_Cnt_M_lgc	0	0	•	
RampStatus_Cnt_M_u08	1	1	•	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0		
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00118999998	0.00118999998 ± 0.00156	•	
target VehPwrMd Per1 OperPampValue IIIs f32 value	۱,0	0 ± 0 000061		

0

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value



Т				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	•
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 2.37 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	2018414336			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	1391807232	1391807232		
CTermIgnOnTimer_mS_M_u32	2548318464			
CTermVehSpdInvalidTimer_mS_M_u32	3501606656			
CTerm_Cnt_M_lgc	1			
RampStatus_Cnt_M_u08	2			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	_GET_signal		
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16 (ElapsedTime\_mS_u16 (Elapsed$	) target_Rte_Call_Ap_VehPwrMd_SystemTim	e_DtrmnElapsedTime_mS_u16_Elaps	edTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_GetSystemTime_mS_u32_CurrentT	ime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1			
k_ATermTimeout_mS_u16	65462			
k_CTermIgnOffTimeout_mS_u16	27158			
k_CTermIgnOnTimeout_mS_u16	65535			
k_CTermVehSpdInvalidTimeout_mS_u16	47456			
k_RampDnRt_UlspmS_f32	0.00142999995			
k_RampUpRtLoSpd_UlspmS_f32	0.00449999981			
k STTdEntryThresh Kph f32	160.190002			
k STTdExitThresh Kph f32	188.660004			
k_STTdRampDownRate_UlspmS_f32	0.00286999997			
k_STTdRampUpRate_UlspmS_f32	0.00383000006			
k VehSpdThresh Kph f32	243.429993			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elaps	e 23769			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentT				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	2. 23.		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	omS f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_I			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cni	_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0	.90		
target VehPwrMd Per1 EngONSrlComSvcDft Cnt lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0340000018			
target VehPwrMd Per1 STTdSelected Cnt lgc.value	1			
	188.809998			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
		From a set of Malara	D	
Name	Actual Value	Expected Value	Resu	
ATermTimer_mS_M_u32	2825687296	2825687296	•	
ATerm_Cnt_M_lgc	1	1		
CTermIgnOffTimer_mS_M_u32	2825687296	2825687296		
CTermIgnOnTimer_mS_M_u32	2548318464	2548318464	•	
CTermVehSpdInvalidTimer_mS_M_u32	2825687296	2825687296		
CTerm_Cnt_M_lgc	1	1		
RampStatus_Cnt_M_u08	2	2	•	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•	
	1	1		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00383000006	0.00383000006 ± 0.00156		

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value



T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 2.38 (Repeat Count = 1)			•	
Name	Input Value			
ATermTimer_mS_M_u32	2343507456			
ATerm_Cnt_M_lgc	0			
CTermIgnOffTimer_mS_M_u32	296411648	296411648		
CTermIgnOnTimer_mS_M_u32	3660972032	3660972032		
CTermVehSpdInvalidTimer_mS_M_u32	3881299456			
CTerm_Cnt_M_lgc	1			
RampStatus_Cnt_M_u08	0			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_O	P_GET_signal		
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16 (ElapsedTime\_mS_u16 (Elapsed$	e) target_Rte_Call_Ap_VehPwrMd_SystemTi	me_DtrmnElapsedTime_mS_u16_Elaps	edTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTi	me_GetSystemTime_mS_u32_CurrentT	ime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
k_ATermTimeout_mS_u16	25397			
k_CTermIgnOffTimeout_mS_u16	5870			
k_CTermIgnOnTimeout_mS_u16	4268			
k_CTermVehSpdInvalidTimeout_mS_u16	37250			
k_RampDnRt_UlspmS_f32	0.00167000003			
k RampUpRtLoSpd UlspmS f32	0.0037			
k STTdEntryThresh Kph f32	174.660004			
k_STTdExitThresh_Kph_f32	65.0800018			
k_STTdRampDownRate_UlspmS_f32	0.00270999991			
k_STTdRampUpRate_UlspmS_f32	0.00406999979			
k_VehSpdThresh_Kph_f32	229.550003			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1			
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elap	se 50060			
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 Current				
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cni	t lac		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cn			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_C			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSv			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_	XpmS f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_C			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_I			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cn			
target VehPwrMd Per1 DmdDelestDA Cnt u08.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0359999985			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	7.30000019			
target VehPwrMd Per1 VehSpdValid Cnt Igc.value	1			
		Form and ad Malion	D	
Name	Actual Value	Expected Value	Resul	
ATermTimer_mS_M_u32	3990687744	3990687744	•	
ATerm_Cnt_M_lgc	1	1		
CTermIgnOffTimer_mS_M_u32	3990687744	3990687744		
CTermIgnOnTimer_mS_M_u32	3660972032	3660972032	•	
CTermVehSpdInvalidTimer_mS_M_u32	3990687744	3990687744	•	
CTerm_Cnt_M_lgc	0	0	•	
RampStatus_Cnt_M_u08	0	0	•	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	•	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00167000003	0.00167000003 ± 0.00156		
target VehPwrMd Per1 OperPampValue IIIs f32 value	10	0 ± 0 000061		

0

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value



Т				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	•
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 2.39 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	1617527040			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	1285954816			
CTermIgnOnTimer_mS_M_u32	2365375232	2365375232		
CTermVehSpdInvalidTimer_mS_M_u32	2664364288			
CTerm_Cnt_M_lgc	1			
RampStatus_Cnt_M_u08	1			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	_GET_signal		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime	target_Rte_Call_Ap_VehPwrMd_SystemTim	ne_DtrmnElapsedTime_mS_u16_Elapse	edTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	ne_GetSystemTime_mS_u32_CurrentTi	ime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3			
k_ATermTimeout_mS_u16	37013			
k_CTermIgnOffTimeout_mS_u16	64739			
k_CTermIgnOnTimeout_mS_u16	28331			
k_CTermVehSpdInvalidTimeout_mS_u16	0			
k_RampDnRt_UlspmS_f32	0.00190999999			
k_RampUpRtLoSpd_UlspmS_f32	0.00240000011			
k STTdEntryThresh Kph f32	167.610001			
k STTdExitThresh Kph f32	152.809998			
k_STTdRampDownRate_UlspmS_f32	0.00255000009			
k_STTdRampUpRate_UlspmS_f32	0.00431000022			
k_VehSpdThresh_Kph_f32	209.169998			
rarget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elaps	e 35129			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentT				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_	lac		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cn	•		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	nmS f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_I	_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cn	_		
rarget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K			
target_Rte_Inst_Ap_venirwind.venirwind_Per1_Snlconivenspd_rtpii_i32  target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0	igo		
	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value				
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0379999988			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	151.160004			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
Name	Actual Value	Expected Value	Resi	
ATermTimer_mS_M_u32	1617527040	1617527040		
ATerm_Cnt_M_lgc	1	1		
CTermIgnOffTimer_mS_M_u32	2185728768	2185728768		
CTermIgnOnTimer_mS_M_u32	2185728768	2185728768		
CTermVehSpdInvalidTimer_mS_M_u32	2664364288	2664364288		
CTerm_Cnt_M_lgc	0	0		
RampStatus_Cnt_M_u08	1	1		
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0		
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00190999999	0.00190999999 ± 0.00156		

0

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value



Τ				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	•
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	~

Test Step 2.40 (Repeat Count = 1)			•
Name	Input Value		
ATermTimer_mS_M_u32	631652352		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	2791336960		
CTermIgnOnTimer_mS_M_u32	4151605760		
CTermVehSpdInvalidTimer_mS_M_u32	4132820992		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	2		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	_GET_signal	
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16 (ElapsedTime\_mS_u16 (Elapsed$	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_DtrmnElapsedTime_mS_u16_ElapsedT	Гime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_GetSystemTime_mS_u32_CurrentTime	•
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4		
k_ATermTimeout_mS_u16	28898		
k_CTermIgnOffTimeout_mS_u16	30094		
k_CTermIgnOnTimeout_mS_u16	49169		
k_CTermVehSpdInvalidTimeout_mS_u16	65535		
k_RampDnRt_UlspmS_f32	0.00215000007		
k_RampUpRtLoSpd_UlspmS_f32	0.00109999999		
k STTdEntryThresh Kph f32	191.669998		
k STTdExitThresh Kph f32	210.679993		
k_STTdRampDownRate_UlspmS_f32	0.00239000004		
k_STTdRampUpRate_UlspmS_f32	0.00455000019		
k VehSpdThresh Kph f32	184.350006		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elaps	e 543		
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentT			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_	lac	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cni	•	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	E.L_O.I.L_igo	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	omS f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_I		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cni	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value		.90	
target VehPwrMd Per1 EngONSrlComSvcDft Cnt Igc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
	0.0399999991		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0.039999999		
0 =			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	504.820007		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0	1=	
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	2262043136	2262043136	•
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	2262043136	2262043136	
CTermIgnOnTimer_mS_M_u32	2262043136	2262043136	
CTermVehSpdInvalidTimer_mS_M_u32	4132820992	4132820992	
CTerm_Cnt_M_lgc	1	1	
RampStatus_Cnt_M_u08	2	2	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00109999999	0.00109999999 ± 0.00156	

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value





Τ				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	•
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	~

Test Step 2.42 (Repeat Count = 1)			
Name	Input Value		
ATermTimer_mS_M_u32	946256384		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	3771876864		
CTermIgnOnTimer_mS_M_u32	2687943680		
CTermVehSpdInvalidTimer_mS_M_u32	3830649344		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	0		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	_GET_signal	
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_DtrmnElapsedTime_mS_u16_Elapse	edTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_GetSystemTime_mS_u32_CurrentT	ime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_ATermTimeout_mS_u16	20740		
k_CTermIgnOffTimeout_mS_u16	18372		
k_CTermIgnOnTimeout_mS_u16	50060		
k_CTermVehSpdInvalidTimeout_mS_u16	48721		
k_RampDnRt_UlspmS_f32	0.00263		
k_RampUpRtLoSpd_UlspmS_f32	0.000469999999		
k STTdEntryThresh Kph f32	0		
k_STTdExitThresh_Kph_f32	125.639999		
k STTdRampDownRate UlspmS f32	0.00206999993		
k_STTdRampUpRate_UlspmS_f32	0.00462999986		
k_VehSpdThresh_Kph_f32	127.230003		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	29945		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_	lac	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	2. 23.	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	omS f32	
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampValue Uls f32	target VehPwrMd Per1 OperRampValue U	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_U	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 VehSpdValid Cnt Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_		
target VehPwrMd Per1 DmdDelestDA Cnt u08.value	1	.90	
target VehPwrMd Per1 EngONSrlComSvcDft Cnt lgc.value	0		
target VehPwrMd Per1 EngOn Cnt Igc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	297.98999		
	1		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value		From a set of Walton	D
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	2098385920	2098385920	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	2098385920	2098385920	,
CTermIgnOnTimer_mS_M_u32	2098385920	2098385920	•
CTermVehSpdInvalidTimer_mS_M_u32	2098385920	2098385920	,
CTerm_Cnt_M_lgc	1	1	
RampStatus Cnt M u08	0	0	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	
	1 1 0.000469999999	1	

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value



T .					
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~	

Test Step 2.43 (Repeat Count = 1)			
Name	Input Value		
ATermTimer_mS_M_u32	902993152		
ATerm_Cnt_M_lgc	1		
CTermlgnOffTimer_mS_M_u32	700444928		
CTermlgnOnTimer_mS_M_u32	587888384		
CTermVehSpdInvalidTimer_mS_M_u32	4050488576		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	0		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	P_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin	ne_DtrmnElapsedTime_mS_u16_Elapse	edTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k ATermTimeout mS u16	48825		
LCTermIgnOffTimeout_mS_u16	14193		
k CTermIgnOnTimeout mS u16	2127		
k_CTermVehSpdInvalidTimeout_mS_u16	29048		
k RampDnRt UlspmS f32	0.00286999997		
k RampUpRtLoSpd UlspmS f32	0.000709999993		
k STTdEntryThresh Kph f32	255		
k STTdExitThresh Kph f32	238.210007		
k_STTdRampDownRate_UlspmS_f32	0.00190999999		
k STTdRampUpRate UlspmS f32	0.00447000004		
k_VehSpdThresh_Kph_f32	179.699997		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
target_Rte_Call_Ap_verif=whitu_SystemTime_DtffffiEtapseu1iffe_fff5_u16_Etapseutarget Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTir			
		lan.	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cn	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc	Dπ_Cnt_igc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_I		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	<del>-</del>	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cn		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0460000001		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	310.709991		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	3501606656	3501606656	•
ATerm_Cnt_M_lgc	1	1	•
CTermIgnOffTimer_mS_M_u32	3501606656	3501606656	•
CTermIgnOnTimer_mS_M_u32	3501606656	3501606656	•
CTermVehSpdInvalidTimer_mS_M_u32	3501606656	3501606656	٠,
CTerm_Cnt_M_lgc	1	1	
RampStatus Cnt M u08	0	0	
target VehPwrMd Per1 ATermActive Cnt Igc.value	1	1	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000709999993	0.000709999993 ± 0.00156	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	



Т				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>

Test Step 2.44 (Repeat Count = 1)			•
Name	Input Value		
ATermTimer_mS_M_u32	1387987968		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	1868754944		
CTermIgnOnTimer_mS_M_u32	3172687360		
CTermVehSpdInvalidTimer_mS_M_u32	1640635392		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	0		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	_GET_signal	
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTim	ne_DtrmnElapsedTime_mS_u16_Elapse	dTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	ne_GetSystemTime_mS_u32_CurrentTir	ne
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1		
k_ATermTimeout_mS_u16	16326		
k_CTermIgnOffTimeout_mS_u16	40629		
k_CTermIgnOnTimeout_mS_u16	16243		
k_CTermVehSpdInvalidTimeout_mS_u16	55184		
k_RampDnRt_UlspmS_f32	0.00310999993		
k_RampUpRtLoSpd_UlspmS_f32	0.000950000016		
k_STTdEntryThresh_Kph_f32	85.0597534		
k STTdExitThresh Kph f32	241.279999		
k_STTdRampDownRate_UlspmS_f32	0.00175000005		
k_STTdRampUpRate_UlspmS_f32	0.00431000022		
k_VehSpdThresh_Kph_f32	97.9700012		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	21171		
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTi			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_	lgc	
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target VehPwrMd Per1 CTermActive Cnt		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDA Cnt u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt	•	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	2. 23.	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	pmS f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_I		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cni	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 VehSpdValid Cnt Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1	.90	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target VehPwrMd Per1 STTdSelected Cnt lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	137.509995		
		Formanda d Walter	D
Name	Actual Value	Expected Value	Resu
ATE O I M I	3881299456	3881299456	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	3881299456	3881299456	
CTermIgnOnTimer_mS_M_u32	3881299456	3881299456	•
CTermVehSpdInvalidTimer_mS_M_u32	3881299456	3881299456	
CTerm_Cnt_M_lgc	1	1	•
RampStatus_Cnt_M_u08	0	0	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000950000016	0.000950000016 ± 0.00156	
	1.	I	

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value



Т				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 2.45 (Repeat Count = 1)			
Name	Input Value		
ATermTimer_mS_M_u32	1820178176		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	3979735808		
CTermIgnOnTimer_mS_M_u32	3074730240		
CTermVehSpdInvalidTimer_mS_M_u32	4189089536		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_	OP_GET_signal	
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_System	Time_DtrmnElapsedTime_mS_u16_Elaps	edTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_System	Time_GetSystemTime_mS_u32_CurrentT	ime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_ATermTimeout_mS_u16	3612		
k_CTermIgnOffTimeout_mS_u16	62983		
k_CTermIgnOnTimeout_mS_u16	14789		
k CTermVehSpdInvalidTimeout mS u16	22182		
k_RampDnRt_UlspmS_f32	0.0033499999		
k_RampUpRtLoSpd_UlspmS_f32	0.00118999998		
k_STTdEntryThresh_Kph_f32	240.630005		
k_STTdExitThresh_Kph_f32	0		
k_STTdRampDownRate_UlspmS_f32	0.00159		
	0.00414999994		
k_STTdRampUpRate_UlspmS_f32			
k_VehSpdThresh_Kph_f32	99.3600006		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u33_CurrentTim			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_C		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComS		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate	_ · _	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValu		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMu	lt_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_	Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd	_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_C	nt_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	9.9999975e-005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	260.690002		
target VehPwrMd Per1 VehSpdValid Cnt lgc.value	0		
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	2664364288	2664364288	rtoou
ATerm Cnt M Igc	1	1	
CTermIgnOffTimer_mS_M_u32	2664364288	2664364288	
CTermIgnOnTimer mS M u32	2664364288	2664364288	
·	2664364288	2664364288	
CTerm/VehSpdInvalidTimer_mS_M_u32	1		
CTerm_Cnt_M_lgc		1	
RampStatus_Cnt_M_u08	2	2	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00414999994	0.00414999994 ± 0.00156	•
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	



T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap VehPwrMd NxtrDiagMgr GetNTCFailed	3	Rte Call Ap VehPwrMd NxtrDiagMgr GetNTCFailed	3	<b>✓</b>



Т				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>

Name	Input Value		
ATermTimer_mS_M_u32	508684544		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	4247520512		
	3516951296		
CTermIgnOnTimer_mS_M_u32			
CTermVehSpdInvalidTimer_mS_M_u32	2950324480		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	1	- OD OFT : 1	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsE		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		emTime_DtrmnElapsedTime_mS_u16_Elap	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)		emTime_GetSystemTime_mS_u32_Current	Time
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4		
x_ATermTimeout_mS_u16	10851		
CTermIgnOffTimeout_mS_u16	50844		
CTermIgnOnTimeout_mS_u16	62390		
c_CTermVehSpdInvalidTimeout_mS_u16	13713		
:_RampDnRt_UlspmS_f32	0.00383000006		
c_RampUpRtLoSpd_UlspmS_f32	0.00167000003		
s_STTdEntryThresh_Kph_f32	11.8100004		
c_STTdExitThresh_Kph_f32	116.194687		
_STTdRampDownRate_UlspmS_f32	0.00127000001		
_STTdRampUpRate_UlspmS_f32	0.00383000006		
<pre>&lt;_VehSpdThresh_Kph_f32</pre>	102.139999		
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	34999		
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTin			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive	Cnt lac	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target VehPwrMd Per1 CTermActive		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestD	*	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlCd		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampR		
	target_VehPwrMd_Per1_OperRampV	: _	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRamp		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelecte		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehS		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid	I_Cnt_lgc	
arget_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00600000005		
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	439.850006		
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	40614	40614	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	40614	40614	
CTermIgnOnTimer_mS_M_u32	40614	40614	
CTermVehSpdInvalidTimer_mS_M_u32	40614	40614	
CTerm_Cnt_M_lgc	1	1	
RampStatus Cnt M u08	2	2	
arget VehPwrMd Per1 ATermActive Cnt Iqc.value	1	1	
arget_verinewrivid_per_i_Arermactive_Cnt_igc.value arget_VehPwrMd_Per1_CTermActive_Cnt_igc.value	1	1	
arget_VenPwrMd_Per1_CTermActive_Cnt_igc.value  arget_VenPwrMd_Per1_OperRampRate_XpmS_f32.value			
	0.00383000006	0.00383000006 ± 0.00156	



Т				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 2.48 (Repeat Count = 1)			
Name	Input Value		
ATermTimer_mS_M_u32	946256384		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	3771876864		
CTermIgnOnTimer_mS_M_u32	2687943680		
CTermVehSpdInvalidTimer_mS_M_u32	3830649344		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	0		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_O	P_GET_signal	
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTir	me_DtrmnElapsedTime_mS_u16_Elapse	dTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTir	me_GetSystemTime_mS_u32_CurrentTir	ne
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_ATermTimeout_mS_u16	20740		
k_CTermIgnOffTimeout_mS_u16	38372		
k_CTermIgnOnTimeout_mS_u16	50060		
k CTermVehSpdInvalidTimeout mS u16	48721		
k_RampDnRt_UlspmS_f32	0.00406999979		
k_RampUpRtLoSpd_UlspmS_f32	0.00190999999		
k_STTdEntryThresh_Kph_f32	201.300003		
k STTdExitThresh Kph f32	125.639999		
k_STTdRampDownRate_UlspmS_f32	9.9999975e-005		
k_STTdRampUpRate_UlspmS_f32	0.00462999986		
k_VehSpdThresh_Kph_f32	127.230003		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	· ·		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir		lan	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt	-v	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cr		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSv	con_cnt_igc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	/a0 500	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_>	. –	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cr		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_k	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt	_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	97.9899979		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	2098385920	2098385920	•
ATerm_Cnt_M_lgc	1	1	•
CTermIgnOffTimer_mS_M_u32	2098385920	2098385920	•
CTermIgnOnTimer_mS_M_u32	2098385920	2098385920	•
CTermVehSpdInvalidTimer_mS_M_u32	2098385920	2098385920	•
CTerm_Cnt_M_lgc	1	1	
RampStatus_Cnt_M_u08	1	1	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target VehPwrMd Per1 CTermActive Cnt Igc.value	1	1	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.9999975e-005	9.99999975e-005 ± 0.00156	
0	9.9999975e-005	9.99999975e-005 ± 0.000061	



Т				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 2.49 (Repeat Count = 1)			•
Name	Input Value		
ATermTimer_mS_M_u32	3183582720		
ATerm_Cnt_M_lgc	1		
CTermlgnOffTimer_mS_M_u32	2005461504		
CTermIgnOnTimer_mS_M_u32	3753166848		
CTermVehSpdInvalidTimer_mS_M_u32	1728673280		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_O	P GET signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target Rte Call Ap VehPwrMd SystemTi		dTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTi	me GetSystemTime mS u32 CurrentTin	me
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	_ ,	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3		
k ATermTimeout mS u16	40614		
k_CTermIgnOffTimeout_mS_u16	47291		
k CTermIgnOnTimeout mS u16	33450		
k_CTermVehSpdInvalidTimeout_mS_u16	13646		
k RampDnRt UlspmS f32	0.00431000022		
k RampUpRtLoSpd UlspmS f32	0.00215000007		
k STTdEntryThresh Kph f32	196.970001		
k STTdExitThresh Kph f32	255		
k_STTdRampDownRate_UlspmS_f32	0.00499999989		
k STTdRampUpRate UlspmS f32	0.00399000011		
k_VehSpdThresh_Kph_f32	200.75		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_vehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTir			
		lan	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt	<del>- ·</del>	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Ci	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSv	cDit_Cit_ige	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	/nmc 100	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	· –	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Ci		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_k	-	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cni	:_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.680000007		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	107.120003		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	3612	3612	
ATerm_Cnt_M_lgc	1	1	•
CTermlgnOffTimer_mS_M_u32	3612	3612	•
CTermIgnOnTimer_mS_M_u32	3612	3612	•
CTermVehSpdInvalidTimer_mS_M_u32	3612	3612	
CTerm_Cnt_M_lgc	1	1	
RampStatus_Cnt_M_u08	1	1	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.00156	•
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.9999975e-005	9.99999975e-005 ± 0.000061	



Т				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 2.50 (Repeat Count = 1)			
Name	Input Value		
ATermTimer_mS_M_u32	902993152		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	700444928		
CTermIgnOnTimer_mS_M_u32	587888384		
CTermVehSpdInvalidTimer_mS_M_u32	4050488576		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	0		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_C	P_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemT	ime_DtrmnElapsedTime_mS_u16_Elapse	dTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemT	ime_GetSystemTime_mS_u32_CurrentTi	me
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_ATermTimeout_mS_u16	48825		
k_CTermIgnOffTimeout_mS_u16	14193		
k_CTermIgnOnTimeout_mS_u16	42127		
k CTermVehSpdInvalidTimeout mS u16	29048		
k_RampDnRt_UlspmS_f32	0.00455000019		
k_RampUpRtLoSpd_UlspmS_f32	0.00239000004		
k_STTdEntryThresh_Kph_f32	255		
k STTdExitThresh Kph f32	238.210007		
k_STTdRampDownRate_UlspmS_f32	0.00230000005		
k STTdRampUpRate UlspmS f32	0.00447000004		
k_VehSpdThresh_Kph_f32	179.699997		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir		+ In-	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cr		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_C		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSv	/cDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_C		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_	Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cr	t_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	10.71		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	3501606656	3501606656	
ATerm Cnt M lgc	1	1	
CTermIgnOffTimer_mS_M_u32	3501606656	3501606656	•
CTermIgnOnTimer mS M u32	3501606656	3501606656	
CTermVehSpdInvalidTimer_mS_M_u32	3501606656	3501606656	
CTerm Cnt M lgc	1	1	
RampStatus Cnt M u08	1	1	
target VehPwrMd Per1 ATermActive Cnt Igc.value	1	1	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00230000005	0.00230000005 ± 0.00156	



T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap VehPwrMd NxtrDiagMgr GetNTCFailed	3	Rte Call Ap VehPwrMd NxtrDiagMgr GetNTCFailed	3	<b>✓</b>



T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 2.52 (Repeat Count = 1)			
Name	Input Value		
ATermTimer_mS_M_u32	1262504960		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	711440384		
CTermIgnOnTimer_mS_M_u32	316859904		
CTermVehSpdInvalidTimer_mS_M_u32	2887148544		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_Ep	psEn_OP_GET_signal	
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_S	ystemTime_DtrmnElapsedTime_mS_u16_Elaps	sedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_S	ystemTime_GetSystemTime_mS_u32_Current	Гіте
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0		
k_ATermTimeout_mS_u16	29945		
k_CTermIgnOffTimeout_mS_u16	31751		
k_CTermIgnOnTimeout_mS_u16	46917		
k CTermVehSpdInvalidTimeout mS u16	42421		
k_RampDnRt_UlspmS_f32	0.00462999986		
k_RampUpRtLoSpd_UlspmS_f32	0.00286999997		
k_STTdEntryThresh_Kph_f32	170.289993		
k_STTdExitThresh_Kph_f32	229.289993		
k_STTdRampDownRate_UlspmS_f32	0.000469999999		
k STTdRampUpRate UlspmS f32	0.00499999989		
_ ,, _ , _			
k_VehSpdThresh_Kph_f32	24.7199993		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapsed			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermAct		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermAc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDeles		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSr		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_C		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRam		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRam		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRa	mpMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSele	cted_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVe	ehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdV	alid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	9.9999975e-005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	332.579987		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	49544	49544	11000
ATerm Cnt M Igc	1	1	
CTermIgnOffTimer_mS_M_u32	49544	49544	
CTermIgnOnTimer_mS_M_u32	49544	49544	
CTermVehSpdInvalidTimer mS M u32	2887148544	2887148544	
CTerm Cnt M lqc	1	1	
RampStatus_Cnt_M_u08	2	2	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.0049999989	0.00499999989 ± 0.00156	•
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	



T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 2.53 (Repeat Count = 1)			
Name	Input Value		
ATermTimer_mS_M_u32	302898944		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	2840042240		
CTermIgnOnTimer_mS_M_u32	504238336		
CTermVehSpdInvalidTimer_mS_M_u32	2246809344		
CTerm_Cnt_M_lgc	1		
RampStatus Cnt M u08	2		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target Rte Call Ap VehPwrMd EpsEn Ol	P GET signal	
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16(ElapsedTime)			edTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehrwrMd_SystemTir		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_Vehr wind_system in target_Rte_Inst_Ap_VehPwrMd	ne_GetGystemTime_mG_u32_Gunent1	iiie
	2		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()			
x_ATermTimeout_mS_u16	13730		
CTermIgnOffTimeout_mS_u16	4145		
c_CTermIgnOnTimeout_mS_u16	30573		
C_CTermVehSpdInvalidTimeout_mS_u16	8470		
c_RampDnRt_UlspmS_f32	0.00447000004		
c_RampUpRtLoSpd_UlspmS_f32	0.00310999993		
C_STTdEntryThresh_Kph_f32	148.070007		
s_STTdExitThresh_Kph_f32	107.790001		
C_STTdRampDownRate_UlspmS_f32	0.000310000003		
x_STTdRampUpRate_UlspmS_f32	0.00286999997		
x_VehSpdThresh_Kph_f32	41.2999992		
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	6993		
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	29945		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt	_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt	_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cr	nt_u08	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvd	cDft_Cnt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_>	(pmS_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_	Uls_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	Uls f32	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 STTdSelected Cnt Igc	target_VehPwrMd_Per1_STTdSelected_Cr	_	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 SrlComVehSpd Kph f32	target VehPwrMd Per1 SrlComVehSpd K		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt	· <del>-</del>	
arget_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	9.9999975e-005		
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
arget VehPwrMd Per1 SrlComVehSpd Kph f32.value	289.51001		
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
		Even at ad Value	Dage
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	29945	29945	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	29945	29945	
CTermIgnOnTimer_mS_M_u32	29945	29945	
CTermVehSpdInvalidTimer_mS_M_u32	29945	29945	
CTerm_Cnt_M_lgc	1	1	
RampStatus_Cnt_M_u08	2	2	
arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	
arget_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00286999997	0.00286999997 ± 0.00156	
target VehPwrMd Per1 OperRampValue IIIs f32 value	1	1 + 0 000061	

1

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value



Τ				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Name	Input Value		
ATermTimer_mS_M_u32	2679186944		
ATERM_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	4227068416		
	4076376064		
CTermIgnOnTimer_mS_M_u32	16252416		
CTermVehSpdInvalidTimer_mS_M_u32			
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEr		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		nTime_DtrmnElapsedTime_mS_u16_Elap	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)		nTime_GetSystemTime_mS_u32_Current	Time
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
x_ATermTimeout_mS_u16	21171		
CTermIgnOffTimeout_mS_u16	54237		
CTermIgnOnTimeout_mS_u16	13123		
c_CTermVehSpdInvalidTimeout_mS_u16	13728		
	0.00431000022		
RampUpRtLoSpd UlspmS f32	0.0033499999		
z_STTdEntryThresh_Kph_f32	188.270004		
STTdExitThresh_Kph_f32	122.949997		
STTdRampDownRate UlspmS f32	0.0037		
C_STTdRampUpRate_UlspmS_f32	0.00270999991		
VehSpdThresh Kph f32	0		
	1		
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal			
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_	Cnt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA	_Cnt_u08	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlCon	nSvcDft_Cnt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_l	gc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRa	te_XpmS_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampVa	ue_Uls_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampM	lult_Uls_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected	_Cnt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSp	d Kph f32	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 VehSpdValid Cnt Igc	target_VehPwrMd_Per1_VehSpdValid_	_ · _	
arget VehPwrMd Per1 DmdDelestDA Cnt u08.value	0	- 23	
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0		
arget_Vehr whitid_r err_Engon_ont_ige.value	0.119999997		
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	356.329987		
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	13730	13730	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	13730	13730	
CTermIgnOnTimer_mS_M_u32	13730	13730	
CTermVehSpdInvalidTimer_mS_M_u32	13730	13730	
CTerm_Cnt_M_lgc	1	1	
RampStatus Cnt M u08	1	1	
arget VehPwrMd Per1 ATermActive Cnt Igc.value	1	1	
arget_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	
arget_VenPwrMd_Per1_CTermActive_Cnt_igc.value arget_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.0033499999		
		0.0033499999 ± 0.00156	



T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	<b>✓</b>
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap VehPwrMd NxtrDiagMgr GetNTCFailed	3	Rte Call Ap VehPwrMd NxtrDiagMgr GetNTCFailed	3	<b>✓</b>



T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap VehPwrMd NxtrDiagMgr GetNTCFailed	3	Rte Call Ap VehPwrMd NxtrDiagMgr GetNTCFailed	3	<b>✓</b>



T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 2.57 (Repeat Count = 1)			•
Name	Input Value		
ATermTimer_mS_M_u32	946256384		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	3771876864		
CTermIgnOnTimer_mS_M_u32	2687943680		
CTermVehSpdInvalidTimer_mS_M_u32	3830649344		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	0		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	P_GET_signal	
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTim	ne_DtrmnElapsedTime_mS_u16_Elapsed	Time
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	ne_GetSystemTime_mS_u32_CurrentTin	ne
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_ATermTimeout_mS_u16	20740		
k_CTermIgnOffTimeout_mS_u16	38372		
k_CTermIgnOnTimeout_mS_u16	50060		
k_CTermVehSpdInvalidTimeout_mS_u16	48721		
k_RampDnRt_UlspmS_f32	0.00383000006		
k RampUpRtLoSpd UlspmS f32	0.00406999979		
k STTdEntryThresh Kph f32	201.300003		
k STTdExitThresh Kph f32	125.639999		
k_STTdRampDownRate_UlspmS_f32	9.9999975e-005		
k STTdRampUpRate UlspmS f32	0.00462999986		
k_VehSpdThresh_Kph_f32	127.230003		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTi			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_	lac	
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target VehPwrMd Per1 CTermActive Cnt		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDA Cnt u08	target_VehPwrMd_Per1_DmdDelestDA_Cn		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	21 <u>_</u> 011_90	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	nmS f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cn	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 VehSpdValid Cnt Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_	
target_vehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1	ige	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value target_VehPwrMd_Per1_STTdSelected_Cnt_lqc.value	1		
0 =			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	97.9899979		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value		I=	1_
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	2098385920	2098385920	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	2098385920	2098385920	
CTermIgnOnTimer_mS_M_u32	2098385920	2098385920	•
CTermVehSpdInvalidTimer_mS_M_u32	2098385920	2098385920	•
CTerm_Cnt_M_lgc	1	1	•
RampStatus_Cnt_M_u08	1	1	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.9999975e-005	9.99999975e-005 ± 0.00156	•
	1	The state of the s	

9.99999975e-005

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value

9.99999975e-005 ± 0.000061



Т					
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~	

Test Step 2.58 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	2718812672			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	1190155776			
CTermIgnOnTimer_mS_M_u32	851858432			
CTermVehSpdInvalidTimer_mS_M_u32	1962418688	1962418688		
CTerm_Cnt_M_lgc	1			
RampStatus_Cnt_M_u08	1			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_E	psEn_OP_GET_signal		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_S	ystemTime_DtrmnElapsedTime_mS_u16_Elapse	edTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_S	ystemTime_GetSystemTime_mS_u32_CurrentTi	me	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3			
k_ATermTimeout_mS_u16	60647			
k_CTermIgnOffTimeout_mS_u16	56464			
k_CTermIgnOnTimeout_mS_u16	32295			
k CTermVehSpdInvalidTimeout mS u16	61093			
k_RampDnRt_UlspmS_f32	0.00367000001			
k_RampUpRtLoSpd_UlspmS_f32	0.00431000022			
k_STTdEntryThresh_Kph_f32	127.230003			
k STTdExitThresh Kph f32	249.740005			
k_STTdRampDownRate_UlspmS_f32	0.000469999999			
k_STTdRampUpRate_UlspmS_f32	0.00206999993			
	124.199997			
k_VehSpdThresh_Kph_f32	0			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal				
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapset				
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi		tive Out Inc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermAc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDele			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSr			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_C			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRam			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRam			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRa			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSele	ected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVe	ehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdV	alid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.560000002			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	56.6300011			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
Name	Actual Value	Expected Value	Resul	
ATermTimer_mS_M_u32	3883	3883		
ATerm Cnt M lgc	1	1		
CTermIgnOffTimer_mS_M_u32	3883	3883		
CTermIgnOnTimer_mS_M_u32	3883	3883		
CTermVehSpdInvalidTimer mS M u32	3883	3883		
CTerm Cnt M lgc	1	1		
RampStatus_Cnt_M_u08	1	1		
target VehPwrMd Per1 ATermActive Cnt Igc.value	1	1		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1		
	0.000469999999	0.000469999999 ± 0.00156		
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value			•	



Т						
Actual Function	Count	Expected Function	Count	Result		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>		

Test Step 2.59 (Repeat Count = 1)			•	
Name	Input Value			
ATermTimer_mS_M_u32	689792256			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	3282419968			
CTermIgnOnTimer_mS_M_u32	3717973760			
CTermVehSpdInvalidTimer_mS_M_u32	3888012544			
CTerm_Cnt_M_lgc	1			
RampStatus_Cnt_M_u08	0			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_e	OP_GET_signal		
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_System	ime_DtrmnElapsedTime_mS_u16_Elaps	sedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_System	fime_GetSystemTime_mS_u32_Current	Гime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
k_ATermTimeout_mS_u16	2896			
k_CTermIgnOffTimeout_mS_u16	8012			
k_CTermIgnOnTimeout_mS_u16	38081			
k_CTermVehSpdInvalidTimeout_mS_u16	5046			
k_RampDnRt_UlspmS_f32	0.00350999995			
k_RampUpRtLoSpd_UlspmS_f32	0.00455000019			
k_STTdEntryThresh_Kph_f32	179.699997			
k_STTdExitThresh_Kph_f32	216.149994			
k_STTdRampDownRate_UlspmS_f32	0.000500000024			
k_STTdRampUpRate_UlspmS_f32	0.00190999999			
k_VehSpdThresh_Kph_f32	140.779999			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16\_ElapsedTime\_mSupplies and the property of the$	62015			
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTireups_systemTime\_mS\_u32\_CurrentTireups_systemTime\_mS\_u32\_CurrentTireups_systemTime\_mS\_u32\_CurrentTireups_systemTime\_mS\_u32\_CurrentTireups_systemTime\_mS\_u32\_CurrentTireups_systemTime\_mS\_u32\_CurrentTireups_systemTime\_mS\_u32\_CurrentTireups_systemTime\_mS\_u32\_CurrentTireups_systemTime\_mS\_u32\_CurrentTireups_systemTime\_mS\_u32\_CurrentTireups_systemTime\_mS\_u32\_CurrentTireups_systemTime\_mS\_u32\_CurrentTireups_systemTime\_mS\_u32\_CurrentTireups_systemTime\_mS\_u32\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTireups_systemTime\_mS\_u33\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTime\_mS\_u33\_CurrentTireups_systemTi$	5046			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_C	nt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_0	Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComS	vcDft_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate	_XpmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue	e_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMu	t_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_0	Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_	_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_C	nt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.670000017			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	56.2999992			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
Name	Actual Value	Expected Value	Resul	
ATermTimer_mS_M_u32	689792256	689792256	•	
ATerm_Cnt_M_lgc	0	0	•	
CTermIgnOffTimer_mS_M_u32	5046	5046	•	
CTermIgnOnTimer_mS_M_u32	5046	5046	•	
CTermVehSpdInvalidTimer_mS_M_u32	3888012544	3888012544		
CTerm_Cnt_M_lgc	0	0		
RampStatus_Cnt_M_u08	0	0		
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0		
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00350999995	0.00350999995 ± 0.00156	,	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	•	



Т				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	•
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	~

Test Step 2.60 (Repeat Count = 1)			•
Name	Input Value		
ATermTimer_mS_M_u32	3302718720		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	882792704		
CTermIgnOnTimer_mS_M_u32	2538774272		
CTermVehSpdInvalidTimer_mS_M_u32	3196679424		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	_GET_signal	
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16 (ElapsedTime\_mS_u16 (Elapsed$	target_Rte_Call_Ap_VehPwrMd_SystemTim	ne_DtrmnElapsedTime_mS_u16_Elapse	dTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	ne_GetSystemTime_mS_u32_CurrentTin	ne
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_ATermTimeout_mS_u16	49544		
k_CTermIgnOffTimeout_mS_u16	44854		
k_CTermIgnOnTimeout_mS_u16	12692		
k_CTermVehSpdInvalidTimeout_mS_u16	47543		
k_RampDnRt_UlspmS_f32	0.0033499999		
k_RampUpRtLoSpd_UlspmS_f32	0.00479000015		
k_STTdEntryThresh_Kph_f32	161.720001		
k_STTdExitThresh_Kph_f32	109.089996		
k STTdRampDownRate UlspmS f32	0.000630000024		
k_STTdRampUpRate_UlspmS_f32	9.9999975e-005		
k VehSpdThresh Kph f32	216.149994		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elaps	e 7917		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentT			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_	lac	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cn	•	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	2. 23.	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	pmS f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cn	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0	.95	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	9.9999975e-005		
target VehPwrMd Per1 STTdSelected Cnt lgc.value	1		
	237.639999		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	1		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value		Formate d Walter	B
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	543	543	· '
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	543	543	
CTermIgnOnTimer_mS_M_u32	543	543	•
CTermVehSpdInvalidTimer_mS_M_u32	543	543	•
CTerm_Cnt_M_lgc	1	1	•
RampStatus_Cnt_M_u08	2	2	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	·
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00156	

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value



Т					
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~	

Test Step 2.61 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	46878			
ATerm_Cnt_M_lgc	0			
CTermIgnOffTimer_mS_M_u32	6792355			
CTermIgnOnTimer_mS_M_u32	2135186			
CTermVehSpdInvalidTimer_mS_M_u32	321754	321754		
CTerm_Cnt_M_lgc	0			
RampStatus_Cnt_M_u08	2			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn	_OP_GET_signal		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_System	nTime_DtrmnElapsedTime_mS_u16_Elaps	sedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_System	Time_GetSystemTime_mS_u32_CurrentT	Time	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4			
k_ATermTimeout_mS_u16	1223			
k_CTermIgnOffTimeout_mS_u16	4547			
k_CTermIgnOnTimeout_mS_u16	9458			
k CTermVehSpdInvalidTimeout mS u16	8542			
k_RampDnRt_UlspmS_f32	0.00319000008			
k_RampUpRtLoSpd_UlspmS_f32	0.00462999986			
k_STTdEntryThresh_Kph_f32	99.3600006			
	41.2999992			
k_STTdExitThresh_Kph_f32				
k_STTdRampDownRate_UlspmS_f32	0.00319999992			
k_STTdRampUpRate_UlspmS_f32	0.00159			
k_VehSpdThresh_Kph_f32	173.940002			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse				
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTireups_usself. The properties of the properties of$				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_0	Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA	_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlCom	SvcDft_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lg	С		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate	e_XpmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValu	ue_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampM	ult_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_	_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpo	f_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_0	Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.889999986			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	66.0999985			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
		Property of Welling	l Daniel	
Name	Actual Value	Expected Value	Resul	
ATermTimer_mS_M_u32	0	0		
ATerm_Cnt_M_lgc	1	1	•	
CTermIgnOffTimer_mS_M_u32	0	0	•	
CTermIgnOnTimer_mS_M_u32	0	0	•	
CTermVehSpdInvalidTimer_mS_M_u32	0	0	•	
CTerm_Cnt_M_lgc	1	1	•	
RampStatus_Cnt_M_u08	2	2	•	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1		
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00462999986	0.00462999986 ± 0.00156	,	
	1	1 ± 0.000061		



T						
Actual Function	Count	Expected Function	Count	Result		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~		

Test Step 2.62 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	564694			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	2314			
CTermIgnOnTimer_mS_M_u32	75415			
CTermVehSpdInvalidTimer_mS_M_u32	467289	467289		
CTerm_Cnt_M_lgc	1			
RampStatus_Cnt_M_u08	0			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_Ep	sEn_OP_GET_signal		
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_Sy	stemTime_DtrmnElapsedTime_mS_u16_Elaps	sedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_Sy	stemTime_GetSystemTime_mS_u32_Current	Гime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
k_ATermTimeout_mS_u16	2478			
k_CTermIgnOffTimeout_mS_u16	6789			
k_CTermIgnOnTimeout_mS_u16	6423			
k CTermVehSpdInvalidTimeout mS u16	10234			
k_RampDnRt_UlspmS_f32	0.00303000002			
k_RampUpRtLoSpd_UlspmS_f32	0.00447000004			
k_STTdEntryThresh_Kph_f32	100.75			
k_STTdExitThresh_Kph_f32	57.8800011			
k_STTdRampDownRate_UlspmS_f32	0.00120000006			
k_STTdRampUpRate_UlspmS_f32	0.00120000000			
	190.520004			
k_VehSpdThresh_Kph_f32	0			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	'			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse				
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActi			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDeles			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrl0			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cr			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRamp			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRamp			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRan			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelect	cted_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVel	nSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdVa	lid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.910000026			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	50.2000008			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
Name	Actual Value	Expected Value	Resul	
ATermTimer_mS_M_u32	4294967295	4294967295		
ATerm Cnt M lgc	1	1		
CTermIgnOffTimer_mS_M_u32	4294967295	4294967295		
CTermIgnOnTimer mS M u32	4294967295	4294967295		
CTermVehSpdInvalidTimer_mS_M_u32	4294967295	4294967295		
CTerm Cnt M Igc	1	1		
	0	0		
RampStatus_Cnt_M_u08 target VehPwrMd Per1 ATermActive Cnt lgc.value	1	1		
· ·	1	· ·		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value		1		
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00447000004	0.00447000004 ± 0.00156		



T						
Actual Function	Count	Expected Function	Count	Result		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~		

Test Step 2.63 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	6214			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	75451			
CTermIgnOnTimer_mS_M_u32	3217			
CTermVehSpdInvalidTimer_mS_M_u32	36924			
CTerm_Cnt_M_lgc	1			
RampStatus_Cnt_M_u08	1			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_Ep	sEn_OP_GET_signal		
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_Sys	stemTime_DtrmnElapsedTime_mS_u16_Elaps	sedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_Sys	stemTime_GetSystemTime_mS_u32_Current	Гіте	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
k_ATermTimeout_mS_u16	3733			
k_CTermIgnOffTimeout_mS_u16	9031			
k_CTermIgnOnTimeout_mS_u16	12369			
k CTermVehSpdInvalidTimeout mS u16	11926			
k_RampDnRt_UlspmS_f32	0.00286999997			
k_RampUpRtLoSpd_UlspmS_f32	0.00431000022			
k_STTdEntryThresh_Kph_f32	102.139999			
k_STTdExitThresh_Kph_f32	74.4599991			
k_STTdRampDownRate_UlspmS_f32	0.00039999999			
	0.00039999999			
k_STTdRampUpRate_UlspmS_f32				
k_VehSpdThresh_Kph_f32	207.100006			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal				
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse				
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActi	*		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelest			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrl0			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cn			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRamp			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRamp	Value_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRan	npMult_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelect	ted_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVeh	nSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdVa	lid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.970000029			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	100			
target VehPwrMd Per1 VehSpdValid Cnt lgc.value	0			
Name	Actual Value	Expected Value	Resul	
ATermTimer_mS_M_u32	354684	354684	Resul	
	1	1		
ATerm_Cnt_M_lgc CTermlgnOffTimer_mS_M_u32	354684	354684		
CTermIgnOnTimer_mS_M_u32	354684	354684	•	
CTermVehSpdInvalidTimer_mS_M_u32	354684	354684	•	
CTerm_Cnt_M_lgc	1	1	•	
RampStatus_Cnt_M_u08	1	1		
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00431000022	0.00431000022 ± 0.00156	•	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061		



T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Name	Input Value			
ATermTimer_mS_M_u32	87298			
ATerm_Cnt_M_lgc	0			
CTermIgnOffTimer_mS_M_u32		33787		
	941235			
CTermIgnOnTimer_mS_M_u32	12147			
CTermVehSpdInvalidTimer_mS_M_u32				
CTerm_Cnt_M_lgc	1			
RampStatus_Cnt_M_u08	2			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsE			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		emTime_DtrmnElapsedTime_mS_u16_Elap		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)		emTime_GetSystemTime_mS_u32_Current	Time	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1			
x_ATermTimeout_mS_u16	4988			
_CTermIgnOffTimeout_mS_u16	11273			
_CTermIgnOnTimeout_mS_u16	759			
_CTermVehSpdInvalidTimeout_mS_u16	13618			
_RampDnRt_UlspmS_f32	0.00270999991			
RampUpRtLoSpd UlspmS f32	0.00414999994			
STTdEntryThresh_Kph_f32	103.529999			
SSTTdExitThresh_Kph_f32	91.0400009			
STTdRampDownRate UlspmS f32	0.00260000001			
SSTTdRampUpRate_UlspmS_f32	0.00319000008			
_VehSpdThresh_Kph_f32	223.679993			
	0			
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1			
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse				
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi				
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive	_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestD/	A_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlCo	mSvcDft_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_	lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRa	ate_XpmS_f32		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampVa	alue_Uls_f32		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampI	Mult_Uls_f32		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelecte	d Cnt Igc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehS			
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 VehSpdValid Cnt Igc	target_VehPwrMd_Per1_VehSpdValid			
arget VehPwrMd Per1 DmdDelestDA Cnt u08.value	0			
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.150000006			
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0			
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	45.7999992			
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
Name	Actual Value	Expected Value	Resu	
ATermTimer_mS_M_u32	13618	13618		
Term_Cnt_M_lgc	1	1		
CTermIgnOffTimer_mS_M_u32	33787	33787		
TermIgnOnTimer_mS_M_u32	13618	13618		
CTermVehSpdInvalidTimer mS M u32	13618	13618		
CTerm_Cnt_M_lgc	1	1		
RampStatus Cnt M u08	2	2		
arget VehPwrMd Per1 ATermActive Cnt Iqc.value	1	1		
0 = = = = = = = = = = = = = = = = = = =	1			
rarget_VehPwrMd_Per1_CTermActive_Cnt_Igc.value rarget_VehPwrMd_Per1_OperRampRate_XpmS_f32.value		1		
	0.00414999994	0.00414999994 ± 0.00156		



Τ					
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	•	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~	

Test Step 2.65 (Repeat Count = 1)			•
Name	Input Value		
ATermTimer_mS_M_u32	63641		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	875454		
CTermIgnOnTimer_mS_M_u32	62177		
CTermVehSpdInvalidTimer_mS_M_u32	31426		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	0		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	_GET_signal	
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTim	ne_DtrmnElapsedTime_mS_u16_Elapse	edTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	ne_GetSystemTime_mS_u32_CurrentTi	me
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_ATermTimeout_mS_u16	6243		
k_CTermIgnOffTimeout_mS_u16	13515		
k_CTermIgnOnTimeout_mS_u16	856		
k_CTermVehSpdInvalidTimeout_mS_u16	15310		
k_RampDnRt_UlspmS_f32	0.00255000009		
k_RampUpRtLoSpd_UlspmS_f32	0.00399000011		
k STTdEntryThresh Kph f32	104.919998		
k_STTdExitThresh_Kph_f32	107.620003		
k_STTdRampDownRate_UlspmS_f32	0.00380000006		
k_STTdRampUpRate_UlspmS_f32	0.00303000002		
k_VehSpdThresh_Kph_f32	240.259995		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	65535		
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTin			
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target VehPwrMd Per1 CTermActive Cnt		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cn	•	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	2. 23.	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	nmS f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_I	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cn	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0	.95	
target VehPwrMd Per1 EngONSrlComSvcDft Cnt lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target VehPwrMd Per1 OutputRampMult UIs f32.value	0.000699999975		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	96.6999969		
target VehPwrMd Per1 VehSpdValid Cnt Igc.value	1		
		Even atod Value	Danu
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	15310	15310	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	15310	15310	
CTermIgnOnTimer_mS_M_u32	62177	62177	•
CTermVehSpdInvalidTimer_mS_M_u32	15310	15310	
CTerm_Cnt_M_lgc	0	0	•
RampStatus_Cnt_M_u08	0	0	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00255000009	0.00255000009 ± 0.00156	
target VehPwrMd Per1 OperPampValue Lile f32 value	10	0 ± 0 000061	

0

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value



Τ					
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~	

Test Step 2.66 (Repeat Count = 1)				
Name	Input Value			
	124785			
ATerm Cnt M Ice	0			
ATerm_Cnt_M_lgc CTermlgnOffTimer_mS_M_u32	232154			
CTermignOnTimer_mS_M_u32	5021347			
·	98514			
CTermVehSpdInvalidTimer_mS_M_u32	1			
CTerm_Cnt_M_lgc	1			
RampStatus_Cnt_M_u08		CET signal		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)  Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	*	odTimo	
	target_Rte_Call_Ap_VehPwrMd_SystemTim target_Rte_Call_Ap_VehPwrMd_SystemTim			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target Rte Inst Ap VehPwrMd	le_GetSystemTime_m3_u32_CurrentT	iiile	
Rte_Inst_Ap_VehPwrMd SystemState Mede()	2			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3649			
k_ATermTimeout_mS_u16				
k_CTermIgnOnTimeout_mS_u16	7458			
k_CTerm/ghCndlnvalidTimeout_mS_u16	42365			
k_CTermVehSpdInvalidTimeout_mS_u16	8754			
k_RampDnRt_UlspmS_f32	0.00239000004			
k_RampUpRtLoSpd_UlspmS_f32	0.00383000006			
k_STTdEntryThresh_Kph_f32	154.300003			
k_STTdExitThresh_Kph_f32	66.099985			
k_STTdRampDownRate_UlspmS_f32	0.00449999981			
k_STTdRampUpRate_UlspmS_f32	0.0040000019			
k_VehSpdThresh_Kph_f32	11.8999996			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse				
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	•		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc	Dft_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_l	Jls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt	:_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	bh_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00600000005			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	150			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
Name	Actual Value	Expected Value	Resu	
ATermTimer_mS_M_u32	17002	17002		
ATerm_Cnt_M_lgc	0	0		
CTermlgnOffTimer_mS_M_u32	17002	17002	٠,	
CTermIgnOnTimer_mS_M_u32	17002	17002		
CTermVehSpdInvalidTimer_mS_M_u32	98514	98514		
CTerm_Cnt_M_lgc	0	0		
RampStatus Cnt M u08	1	1		
target VehPwrMd Per1 ATermActive Cnt lgc.value	0	0		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0		
target VehPwrMd Per1 OperRampRate XpmS f32.value	0.00239000004	0.00239000004 ± 0.00156		

0

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value



Τ					
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	•	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~	

est Step 2.67 (Repeat Count = 1) ame	Input Value		
	1030288640		
	1		
= = =0			
·	3747631360		
0 = = =	1903417088		
	1433922816		
	1		
	0		
	target_Rte_Call_Ap_VehPwrMd_EpsEn_0	*	
te_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemT	ime_DtrmnElapsedTime_mS_u16_Elap	sedTime
te_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemT	ime_GetSystemTime_mS_u32_Current	Time
te_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
te_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
_ATermTimeout_mS_u16	34999		
_CTermIgnOffTimeout_mS_u16	36617		
	32216		
	3466		
	0.00222999998		
	0.00462999986		
	175.029999		
	64.1299973		
= 1 =			
	0.00142999995		
	0.000500000024		
	144.119995		
342 424 2 P2 4 24 24 24 24 34	0		
	e 2205		
rget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	1022459904		
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cr	nt_lgc	
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cr	nt_lgc	
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_0	Cnt_u08	
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComS	vcDft_Cnt_lgc	
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
	target_VehPwrMd_Per1_OperRampRate_	XpmS f32	
	target_VehPwrMd_Per1_OperRampValue		
	target_VehPwrMd_Per1_OutputRampMul		
	target VehPwrMd Per1 STTdSelected (		
	target_VehPwrMd_Per1_SrlComVehSpd_		
	target_VehPwrMd_Per1_VehSpdValid_Ci	it_igc	
• = = = = =	0		
	0		
0 =	0		
rget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.023		
	1		
rget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	66.1100006		
rget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
ame	Actual Value	Expected Value	Resu
TermTimer mS M u32	1022459904	1022459904	
	1	1	
	3747631360	3747631360	
	1022459904	1022459904	
	1022459904	1022459904	
	1	1	
	0	0	
5-2	1	1	
	1	1	
3.2	0.00462999986	0.00462999986 ± 0.00156	



Τ					
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	•	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~	

Test Step 2.68 (Repeat Count = 1)			·
Name	Input Value		
ATermTimer_mS_M_u32	225960960		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	3355561984		
CTermIgnOnTimer_mS_M_u32	2942254592		
CTermVehSpdInvalidTimer_mS_M_u32	3609918464		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_O	P_GET_signal	
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16 (ElapsedTime\_mS_u16 (Elapsed$	) target_Rte_Call_Ap_VehPwrMd_SystemTi	me_DtrmnElapsedTime_mS_u16_Elaps	edTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTi	me_GetSystemTime_mS_u32_CurrentT	ïme
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0		
k_ATermTimeout_mS_u16	21323		
k_CTermIgnOffTimeout_mS_u16	44398		
k_CTermIgnOnTimeout_mS_u16	63578		
k_CTermVehSpdInvalidTimeout_mS_u16	32987		
k_RampDnRt_UlspmS_f32	0.00206999993		
k_RampUpRtLoSpd_UlspmS_f32	0.00399000011		
k STTdEntryThresh Kph f32	122.220001		
k_STTdExitThresh_Kph_f32	97.0199966		
k_STTdRampDownRate_UlspmS_f32	0.00167000003		
k_STTdRampUpRate_UlspmS_f32	0.00400000019		
k_VehSpdThresh_Kph_f32	202.679993		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elaps	e 47543		
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentT			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt	: lac	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target VehPwrMd Per1 CTermActive Cn		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Ci		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSv		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	- 2- 25-	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	XpmS f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_	-	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Ci		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_k		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cni		
target VehPwrMd Per1 DmdDelestDA Cnt u08.value	1	90	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0869999975		
target VehPwrMd Per1 STTdSelected Cnt Igc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	335.190002		
target VehPwrMd Per1 VehSpdValid Cnt Igc.value	1		
		Form and ad Walton	D
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	6792355	6792355	•
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	6792355	6792355	•
CTermIgnOnTimer_mS_M_u32	6792355	6792355	•
CTermVehSpdInvalidTimer_mS_M_u32	6792355	6792355	•
CTerm_Cnt_M_lgc	1	1	•
RampStatus_Cnt_M_u08	2	2	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00400000019	0.00400000019 ± 0.00156	
target VehPwrMd Per1 OperRampValue IIIs f32 value	14	1 + 0 000061	

1

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value



Т						
Actual Function	Count	Expected Function	Count	Result		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~		
Rte Call Ap VehPwrMd NxtrDiagMgr GetNTCFailed	3	Rte Call Ap VehPwrMd NxtrDiagMgr GetNTCFailed	3	<b>✓</b>		

Test Step 2.69 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
ATermTimer_mS_M_u32	3351713536	
ATerm_Cnt_M_lgc	1	
CTermIgnOffTimer_mS_M_u32	1993954048	
CTermIgnOnTimer_mS_M_u32		



T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	•
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 2.70 (Repeat Count = 1)	Lucas Malica		
Name	Input Value		
ATermTimer_mS_M_u32	157646336		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	538888704		
CTermIgnOnTimer_mS_M_u32	4145522688		
CTermVehSpdInvalidTimer_mS_M_u32	3799078400		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	0		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_DtrmnElapsedTime_mS_u16_Elaps	sedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_GetSystemTime_mS_u32_CurrentT	ime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_ATermTimeout_mS_u16	18770		
k_CTermIgnOffTimeout_mS_u16	49220		
k_CTermIgnOnTimeout_mS_u16	42680		
k_CTermVehSpdInvalidTimeout_mS_u16	64505		
k_RampDnRt_UlspmS_f32	0.00175000005		
	0.00494999997		
k_STTdEntryThresh_Kph_f32	249.410004		
k_STTdExitThresh_Kph_f32	140.339996		
k_STTdRampDownRate_UlspmS_f32	0.00215000007		
k_STTdRampUpRate_UlspmS_f32	0.00120000006		
k_VehSpdThresh_Kph_f32	160.190002		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	75451		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_	lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	<u>lg</u> c	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt	_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvc	Dft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	omS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_L	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_U	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt	: Igc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target VehPwrMd Per1 VehSpdValid Cnt	_	
	0		
	0		
0 =	0		
0 =	0		
target VehPwrMd Per1 STTdSelected Cnt Igc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	239.570007		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	75451	75451	
ATerm_Cnt_M_lgc	1	1	•
CTermlgnOffTimer_mS_M_u32	75451	75451	
CTermIgnOnTimer_mS_M_u32	75451	75451	
CTermVehSpdInvalidTimer_mS_M_u32	75451	75451	
CTerm_Cnt_M_lgc	1	1	
	0	0	
target VehPwrMd Per1 ATermActive Cnt lgc.value	1	1	
0 =	1	1	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00494999997	0.00494999997 ± 0.00156	
		1 ± 0.000061	



T						
Actual Function	Count	Expected Function	Count	Result		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>		

Test Step 2.71 (Repeat Count = 1)			•
Name	Input Value		
ATermTimer_mS_M_u32	585517312		
ATerm_Cnt_M_lgc	1		
CTermlgnOffTimer_mS_M_u32	854222080		
CTermIgnOnTimer mS M u32	787991296		
CTermVehSpdInvalidTimer_mS_M_u32	891470080		
CTerm_Cnt_M_lgc	1		
RampStatus Cnt M u08	1		
Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_Ol	P GET signal	
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16(ElapsedTime)	target Rte Call Ap VehPwrMd SystemTir		sedTime
Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTir	me GetSystemTime mS u32 Current	Time
Rte Inst Ap VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3		
k ATermTimeout mS u16	12768		
k_CTermIgnOffTimeout_mS_u16	27521		
k CTermIgnOnTimeout mS u16	25053		
k CTermVehSpdInvalidTimeout mS u16	42257		
k RampDnRt UlspmS f32	0.00159		
k RampUpRtLoSpd UlspmS f32	0.00120000006		
k STTdEntryThresh Kph f32	102.989998		
k STTdExitThresh Kph f32	141.669998		
k_STTdRampDownRate_UlspmS_f32	0.00239000004		
k STTdRampUpRate UlspmS f32	0.00039999999		
k_VehSpdThresh_Kph_f32	174.660004		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTir			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc		lac	
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDA Cnt u08	target_VehPwrMd_Per1_CTermActive_Cnt_ target_VehPwrMd_Per1_DmdDelestDA_Cr		
target_Rte_Inst_Ap_veriPwiMd_veriPwiMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvd	_	
		cbit_chit_igc	
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	(nm\$ f22	
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	<del>-</del>	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cr		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K	· <del>-</del>	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt	_igc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	494.899994		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	33787	33787	•
ATerm_Cnt_M_lgc	1	1	•
CTermlgnOffTimer_mS_M_u32	33787	33787	•
CTermIgnOnTimer_mS_M_u32	33787	33787	•
CTermVehSpdInvalidTimer_mS_M_u32	891470080	891470080	
CTerm_Cnt_M_lgc	1	1	
RampStatus_Cnt_M_u08	2	2	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00039999999	0.00039999999 ± 0.00156	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	



T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	•
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 2.72 (Repeat Count = 1)			
Name	Input Value		
ATermTimer_mS_M_u32	2874140672		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	1051956224		
CTermIgnOnTimer_mS_M_u32	2812502528		
CTermVehSpdInvalidTimer_mS_M_u32	477790208		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	0		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_	OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime	e) target_Rte_Call_Ap_VehPwrMd_System	Time_DtrmnElapsedTime_mS_u16_Elaps	edTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_System	Time_GetSystemTime_mS_u32_CurrentT	ime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4		
c_ATermTimeout_mS_u16	4642		
c_CTermIgnOffTimeout_mS_u16	27094		
k_CTermIgnOnTimeout_mS_u16	27034		
<_CTermVehSpdInvalidTimeout_mS_u16	46871		
k_RampDnRt_UlspmS_f32	0.00142999995		
<_RampUpRtLoSpd_UlspmS_f32	0.00179999997		
<_STTdEntryThresh_Kph_f32	34.6500015		
<_STTdExitThresh_Kph_f32	240.220001		
<_STTdRampDownRate_UlspmS_f32	0.00263		
<_STTdRampUpRate_UlspmS_f32	0.00260000001		
<_VehSpdThresh_Kph_f32	167.610001		
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elaps	se 38332		
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Current	Fir 875454		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_C	nt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_C	nt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_	Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 VehSpdValid Cnt Igc	target_VehPwrMd_Per1_VehSpdValid_C		
arget_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
arget VehPwrMd Per1 EngOn Cnt Igc.value	0		
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.660000026		
arget VehPwrMd Per1 STTdSelected Cnt Igc.value	0		
rarget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	4.82999992		
arget VehPwrMd Per1 VehSpdValid Cnt Igc.value	1		
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	875454	875454	11000
ATERM Cnt M lgc	1	1	
CTermIgnOffTimer mS M u32	875454	875454	
CTermIgnOnTimer_mS_M_u32	2812502528	2812502528	
CTermVehSpdInvalidTimer_mS_M_u32	875454	875454	
	0	0	
CTerm_Cnt_M_lgc	0	0	
RampStatus_Cnt_M_u08 target VehPwrMd Per1 ATermActive Cnt lgc.value	1	1	
0 =	0		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value		0	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00142999995	0.00142999995 ± 0.00156 0 + 0.00061	
amer venewrivin Peri Unerkamnyaine IIIs 137 Vallie	I U	10 + 0 000000	1

0

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value



T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	•
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 2.73 (Repeat Count = 1)			
Name	Input Value		
ATermTimer_mS_M_u32	191016192		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	745179392		
CTermIgnOnTimer_mS_M_u32	2871217920		
CTermVehSpdInvalidTimer_mS_M_u32	1674224896		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	0		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_0	OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	e) target_Rte_Call_Ap_VehPwrMd_System1	ime_DtrmnElapsedTime_mS_u16_Elaps	sedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_System1	Time_GetSystemTime_mS_u32_Current1	Time
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
c_ATermTimeout_mS_u16	47683		
CTermIgnOffTimeout_mS_u16	31476		
<pre>&lt;_CTermIgnOnTimeout_mS_u16</pre>	19028		
c_CTermVehSpdInvalidTimeout_mS_u16	52571		
	0.00127000001		
_RampUpRtLoSpd_UlspmS_f32	0.00190000003		
<pre>C_STTdEntryThresh_Kph_f32</pre>	202.679993		
_STTdExitThresh_Kph_f32	55.9000015		
_STTdRampDownRate_UlspmS_f32	0.00319000008		
_STTdRampUpRate_UlspmS_f32	0.0033499999		
<pre>&lt;_VehSpdThresh_Kph_f32</pre>	10.4899998		
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elap	se 28331		
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Current	Tir 761077504		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Ci	nt_lgc	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target VehPwrMd Per1 CTermActive Ci		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_0	Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 VehSpdValid Cnt Igc	target_VehPwrMd_Per1_VehSpdValid_Ci		
arget_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0	25.	
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
arget VehPwrMd Per1 EngOn Cnt Igc.value	0		
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.879999995		
arget VehPwrMd Per1 STTdSelected Cnt Igc.value	0		
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	389.290009		
arget VehPwrMd Per1 VehSpdValid Cnt Igc.value	1		
Name	Actual Value	Expected Value	Resu
Name ATermTimer_mS_M_u32	761077504	761077504	Rest
	1	1	
ATerm_Cnt_M_lgc CTermlgnOffTimer mS M u32	761077504	761077504	
CTermignOnTimer_mS_M_us2	761077504	761077504	
CTermVehSpdInvalidTimer_mS_M_u32	761077504 761077504	761077504	
CTerm_Cnt_M_lgc	1	1	
RampStatus_Cnt_M_u08	0	0	
arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	
arget_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00190000003	0.00190000003 ± 0.00156	
arget VehPwrMd Per1 OperRampValue Uls f32 value	1.3	1 + 0 000061	

1

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value



Τ						
Actual Function	Count	Expected Function	Count	Result		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~		
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~		

Test Step 2.74 (Repeat Count = 1)			
Name	Input Value		
ATermTimer_mS_M_u32	2956513280		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	2440166400		
CTermIgnOnTimer_mS_M_u32	3771435520		
CTermVehSpdInvalidTimer_mS_M_u32	3816187904		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	0		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_Ep	sEn_OP_GET_signal	
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_Sys	stemTime_DtrmnElapsedTime_mS_u16_Elaps	sedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_Sys	stemTime_GetSystemTime_mS_u32_Current1	īme
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_ATermTimeout_mS_u16	4817		
k_CTermIgnOffTimeout_mS_u16	27770		
k_CTermIgnOnTimeout_mS_u16	58047		
k_CTermVehSpdInvalidTimeout_mS_u16	35893		
k_RampDnRt_UlspmS_f32	0.00439999998		
k_RampUpRtLoSpd_UlspmS_f32	0.00230000005		
k STTdEntryThresh Kph f32	160.660004		
k_STTdExitThresh_Kph_f32	221.970001		
k_STTdRampDownRate_UlspmS_f32	0.00109999999		
k STTdRampUpRate UlspmS f32	0.00239000004		
k_VehSpdThresh_Kph_f32	91.0400009		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	24016		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTire			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActi	ve Cnt lac	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target VehPwrMd Per1 CTermActi		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_EngOn_Cnt_igc target_VehPwrMd_Per1_OperRampRate_XpmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_UIs_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelect		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVel		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdVa		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0	iid_Ont_ige	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.449999988		
target_vehr-wind_rer1_StTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	173.949997		
	0		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	-		
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	3675	3675	•
ATerm_Cnt_M_lgc	1	1	•
CTermIgnOffTimer_mS_M_u32	3675	3675	•
CTermIgnOnTimer_mS_M_u32	3675	3675	•
CTermVehSpdInvalidTimer_mS_M_u32	3675	3675	,
CTerm_Cnt_M_lgc	1	1	•
RampStatus_Cnt_M_u08	0	0	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00230000005	0.00230000005 ± 0.00156	•
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	



Τ					
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~	



Test Case 3: Path Test



#### Specification

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

TC 3.1 1771.00 Cycles
TC 3.2 1783.00 Cycles
TC 3.3 1754.00 Cycles
TC 3.3 1754.00 Cycles
TC 3.3 1754.00 Cycles
TC 3.5 1758.00 Cycles
TC 3.5 1758.00 Cycles
TC 3.6 2068.00 Cycles
TC 3.7 2038.00 Cycles
TC 3.8 2031.00 Cycles
TC 3.9 2318.00 Cycles
TC 3.10 2045.00 Cycles
TC 3.11 2299.00 Cycles
TC 3.12 2021.00 Cycles
TC 3.12 1735.00 Cycles
TC 3.13 1735.00 Cycles
TC 3.14 1769.00 Cycles
TC 3.15 1801.00 Cycles
TC 3.16 1778.00 Cycles
TC 3.17 1797.00 Cycles
TC 3.18 1791.00 Cycles
TC 3.19 1800.00 Cycles
TC 3.19 1800.00 Cycles
TC 3.21 2047.00 Cycles
TC 3.21 2047.00 Cycles
TC 3.22 1785.00 Cycles
TC 3.23 1791.00 Cycles
TC 3.24 1760.00 Cycles
TC 3.25 2058.00 Cycles
TC 3.26 1783.00 Cycles
TC 3.27 1777.00 Cycles
TC 3.28 2084.00 Cycles
TC 3.29 2078.00 Cycles
TC 3.20 2083.00 Cycles
TC 3.21 2089.00 Cycles



#### VECTOR DESCRIPTION Description

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VECTOR DESCRIPTION

VECTOR DESCRIPTION

VECTOR DESCRIPTION

VECTOR CHIM (Specific Activities) (Int. T. (specific Activities)
                                             (OutputRampMult_Uis_I_f32 >= D_ONE_UIS_F32) )=>False**

0.3.15"if( (InvalidMsgQ_Cnt_T_lgc == FALSE) &&
(MissingMsgQ_Cnt_T_lgc == FALSE) &&
(DataOtherFitMsgQ_Cnt_T_lgc == FALSE) &&
(DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Power_Cut_Request) &&
(VehSpd_Kph_T_f32 < k_STTdEntryThresh_Kph_f32) &&
(SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) &&
             (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) &&
(OutputRampMult_Uls_T_f32 >= D_ONE_ULS_F32)) => True"

TC 3.16"else if (RampStatus_Cnt_M_u08 == D_RAMPDOWN_CNT_U08) => False if ((((InvalidMsgQ_Cnt_T_Igc == TRUE) ||
(MissingMsgQ_Cnt_T_Igc == TRUE) ||
(DataOtherFltMsgQ_Cnt_T_lgc == TRUE) ||
(DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Not_Requested)) &&
(OutputRampMult_Uls_T_f32 <= D_STTDRAMPDOWNTARGET_ULS_F32)) ||
(VehSpd_Kph_T_f32 > k_STTdExitThresh_Kph_f32)) => True"

TC 3.17"if((((InvalidMsgQ_Cnt_T_Igc == TRUE) => F||
(MissingMsgQ_Cnt_T_Igc == TRUE) => F||
(DmdDelestDA_Cnt_T_u08 == (uint8)kDMD_DELEST_DA_Not_Requested) => F) &&
(OutputRampMult_Uls_T_f32 <= D_STTDRAMPDOWNTARGET_ULS_F32) => F) ||
(VehSpd_Kph_T_f32 > k_STTdExitThresh_Kph_f32) => T)"

TC 3.18"if((((InvalidMsgQ_Cnt_T_Igc == TRUE) ||
(MissingMsgQ_Cnt_T_Igc == TRUE) ||
```



```
| CoatoOherFilMogO Cnt. T. (pc == TRUE) |
| ControlbestDA. Cnt. T. (pd == (unt8)(x0MD DELEST. DA. Not. Requested.) && (OutputRampMult. Us. T. (32 <= D. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (VerSpd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (VerSpd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (VerSpd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (VerSpd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (VerSpd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (VerSpd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (VerSpd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (VerSpd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (VerSpd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (VerSpd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (VerSpd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (VerSpd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (VerSpd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (VerSpd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (VerSpd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (Verspd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (Verspd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (Verspd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (Verspd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (Verspd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (Verspd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (Verspd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (Verspd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (Verspd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (Verspd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (Verspd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (Verspd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (Verspd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (Verspd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (Verspd. Kph. T. (32 * k. STTDRAMPDOWNTARGET_ULS. F32.) ||
| (Verspd. Kph. T. (32 * k. STT
```

Test Step 3.1 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value
ATermTimer_mS_M_u32	0
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	0
CTermIgnOnTimer_mS_M_u32	0
CTermVehSpdInvalidTimer_mS_M_u32	0
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime



Name	Input Value		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0		
k_ATermTimeout_mS_u16	0		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	0		
k_RampDnRt_UlspmS_f32	9.9999975e-005		
k_RampUpRtLoSpd_UlspmS_f32	9.9999975e-005		
k_STTdEntryThresh_Kph_f32	0		
k_STTdExitThresh_Kph_f32	0		
k_STTdRampDownRate_UlspmS_f32	9.9999975e-005		
k_STTdRampUpRate_UlspmS_f32	9.9999975e-005		
k_VehSpdThresh_Kph_f32	0		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elaps	e 0		
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentT	ïr O		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActiv	/e_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActiv	ve_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelest	DA_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrl0	ComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cn	t_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRamp	Rate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRamp	Value_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRam	npMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelect	ted_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVeh	nSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdVa	lid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	0		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	0	0	•
ATerm_Cnt_M_lgc	0	0	
CTermlgnOffTimer_mS_M_u32	0	0	•
CTermIgnOnTimer_mS_M_u32	0	0	
CTermVehSpdInvalidTimer_mS_M_u32	0	0	•
CTerm_Cnt_M_lgc	0	0	
RampStatus_Cnt_M_u08	0	0	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.9999975e-005	9.99999975e-005 ± 0.00156	•
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>~</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap VehPwrMd NxtrDiagMgr GetNTCFailed	3	Rte Call Ap VehPwrMd NxtrDiagMgr GetNTCFailed	3	<b>✓</b>

Test Step 3.2 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
ATermTimer_mS_M_u32	4294967295
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	4294967295
CTermIgnOnTimer_mS_M_u32	4294967295
CTermVehSpdInvalidTimer_mS_M_u32	4294967295
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4
k_ATermTimeout_mS_u16	65535
k_CTermIgnOffTimeout_mS_u16	65535



Name	Input Value		
k_CTermIgnOnTimeout_mS_u16	65535		
k_CTermVehSpdInvalidTimeout_mS_u16	65535		
k_RampDnRt_UlspmS_f32	0.00499999989		
k_RampUpRtLoSpd_UlspmS_f32	0.00499999989		
k_STTdEntryThresh_Kph_f32	255		
k_STTdExitThresh_Kph_f32	255		
k_STTdRampDownRate_UlspmS_f32	0.00499999989		
k_STTdRampUpRate_UlspmS_f32	0.00499999989		
k_VehSpdThresh_Kph_f32	255		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elap	se 65535		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Current	Tir 4294967295		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cr	ıt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvd	cDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	(pmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_	Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cr	ıt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K	ph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt	_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	512		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	4294967295	4294967295	
ATerm_Cnt_M_lgc	1	1	
CTermlgnOffTimer_mS_M_u32	4294967295	4294967295	•
CTermIgnOnTimer_mS_M_u32	4294967295	4294967295	
CTermVehSpdInvalidTimer_mS_M_u32	4294967295	4294967295	•
CTerm_Cnt_M_lgc	1	1	
RampStatus_Cnt_M_u08	0	0	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.00156	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	•

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Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 3.3 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
ATermTimer_mS_M_u32	649829376
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	2897610752
CTermIgnOnTimer_mS_M_u32	2091431424
CTermVehSpdInvalidTimer_mS_M_u32	1938273280
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	32160
k_CTermIgnOffTimeout_mS_u16	52861
k_CTermIgnOnTimeout_mS_u16	61952
k_CTermVehSpdInvalidTimeout_mS_u16	28103
k_RampDnRt_UlspmS_f32	0.000469999999
k_RampUpRtLoSpd_UlspmS_f32	0.00159



Name	Input Value		
k_STTdEntryThresh_Kph_f32	33.4000015		
k_STTdExitThresh_Kph_f32	125.269997		
k_STTdRampDownRate_UlspmS_f32	0.00240000011		
k_STTdRampUpRate_UlspmS_f32	0.000469999999		
k_VehSpdThresh_Kph_f32	32.3699989		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	6 Elapse 29048		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_C	CurrentTir 2840042240		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATen	mActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTer	mActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_Dmdl	DelestDA_Cnt_u08	
$target\_Rte\_Inst\_Ap\_VehPwrMd.VehPwrMd\_Per1\_EngONSrlComSvcDft\_C$	nt_lgc target_VehPwrMd_Per1_EngC	DNSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngC	n_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_	f32 target_VehPwrMd_Per1_Oper	RampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f3	2 target_VehPwrMd_Per1_Oper	RampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f3	2 target_VehPwrMd_Per1_Outp	utRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTc	Selected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlCd	pmVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehS	SpdValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.680000007		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	151.630005		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2840042240	2840042240	•
ATerm_Cnt_M_lgc	1	1	•
CTermIgnOffTimer_mS_M_u32	2840042240	2840042240	•
CTermIgnOnTimer_mS_M_u32	2840042240	2840042240	•
CTermVehSpdInvalidTimer_mS_M_u32	2840042240	2840042240	•
CTerm_Cnt_M_lgc	1	1	•
RampStatus_Cnt_M_u08	2	2	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000469999999	0.000469999999 ± 0.00156	•
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	-

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>

Test Step 3.4 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value
ATermTimer_mS_M_u32	1129253632
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	4275308288
CTermIgnOnTimer_mS_M_u32	213687552
CTermVehSpdInvalidTimer_mS_M_u32	2016363264
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	21400
k_CTermIgnOffTimeout_mS_u16	40627
k_CTermIgnOnTimeout_mS_u16	22238
k_CTermVehSpdInvalidTimeout_mS_u16	35105
k_RampDnRt_UlspmS_f32	0.000500000024
k_RampUpRtLoSpd_UlspmS_f32	0.00142999995
k_STTdEntryThresh_Kph_f32	146.419998
k_STTdExitThresh_Kph_f32	196.919998
k_STTdRampDownRate_UlspmS_f32	0.00286999997
k_STTdRampUpRate_UlspmS_f32	0.00380000006



Name	Input Value		
k_VehSpdThresh_Kph_f32	191.669998		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela	pse 35893		
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_Currenter (SystemTime\_mS_u32\_Currenter (SystemTime\_mS_u332\_Currenter (Sys$	atTir 22238		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActi	ve_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActi	ive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDeles	tDA_Cnt_u08	
$target\_Rte\_Inst\_Ap\_VehPwrMd.VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_lgdrawn and the property of $	target_VehPwrMd_Per1_EngONSrl0	ComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cr	nt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRamp	Rate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRamp	Value_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRan	npMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelect	cted_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVel	hSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdVa	ilid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.363999993		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	489.200012		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	22238	22238	•
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	22238	22238	✓
CTermIgnOnTimer_mS_M_u32	22238	22238	✓
CTermVehSpdInvalidTimer_mS_M_u32	22238	22238	~
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	0	0	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00142999995	0.00142999995 ± 0.00156	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	<b>✓</b>

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>

Name	Input Value
ATermTimer mS M u32	3678216192
ATerm Cnt M Igc	1
CTermIgnOffTimer mS M u32	1966689280
CTermIgnOnTimer mS M u32	3647101440
CTermVehSpdInvalidTimer mS M u32	2538649600
CTerm Cnt M Iqc	1
RampStatus Cnt M u08	0
Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target Rte Call Ap VehPwrMd EpsEn OP GET signal
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16(ElapsedTime)	
Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehPwrMd	target Rte Inst Ap VehPwrMd
Rte Mode Ap VehPwrMd SystemState Mode()	2
ATermTimeout mS u16	18625
CTermIgnOffTimeout mS u16	21778
CTermIgnOnTimeout mS u16	57522
CTermVehSpdInvalidTimeout mS u16	35608
c_RampDnRt_UlspmS_f32	0.000630000024
<pre>&lt;_RampUpRtLoSpd_UlspmS_f32</pre>	0.00127000001
<pre>C_STTdEntryThresh_Kph_f32</pre>	169.929993
C_STTdExitThresh_Kph_f32	165.960007
C_STTdRampDownRate_UlspmS_f32	0.000709999993
STTdRampUpRate_UlspmS_f32	0.00109999999
	115.830002
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1.
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	13713
arget Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTir	1647890176



Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_l	gc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt	_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcI	Oft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xp	omS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	lls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_U	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	h_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.597000003		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	205.729996		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1647890176	1647890176	~
ATerm_Cnt_M_lgc	1	1	•
CTermIgnOffTimer_mS_M_u32	1647890176	1647890176	~
CTermIgnOnTimer_mS_M_u32	1647890176	1647890176	<b>✓</b>
CTermVehSpdInvalidTimer_mS_M_u32	1647890176	1647890176	•
CTerm_Cnt_M_lgc	1	1	<b>✓</b>
RampStatus_Cnt_M_u08	0	0	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	<b>✓</b>
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00127000001	0.00127000001 ± 0.00156	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	~

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 3.6 (Repeat Count = 1)	· ·
Name	Input Value
ATermTimer mS M u32	1030288640
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer mS M u32	3747631360
CTermIgnOnTimer mS M u32	1903417088
CTermVehSpdInvalidTimer mS M u32	1433922816
CTerm Cnt M lgc	1
RampStatus Cnt M u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	34999
k_CTermIgnOffTimeout_mS_u16	36617
k_CTermIgnOnTimeout_mS_u16	32216
k_CTermVehSpdInvalidTimeout_mS_u16	3466
k_RampDnRt_UlspmS_f32	0.00319999992
k_RampUpRtLoSpd_UlspmS_f32	0.00319000008
k_STTdEntryThresh_Kph_f32	175.029999
k_STTdExitThresh_Kph_f32	64.1299973
k_STTdRampDownRate_UlspmS_f32	0.00142999995
k_STTdRampUpRate_UlspmS_f32	0.000500000024
k_VehSpdThresh_Kph_f32	144.119995
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16\_ElapsedTime\_mS_u16\_Elaps$	2205
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u32\_CurrentTime\_ms\_u33\_CurrentT$	1022459904
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
$target\_Rte\_Inst\_Ap\_VehPwrMd.VehPwrMd\_Per1\_CTermActive\_Cnt\_lgc$	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc



Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xp	omS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	lls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_U	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	h_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0500999987		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	66.1100006		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1022459904	1022459904	~
ATerm_Cnt_M_lgc	1	1	<b>✓</b>
CTermIgnOffTimer_mS_M_u32	3747631360	3747631360	<b>✓</b>
CTermIgnOnTimer_mS_M_u32	1022459904	1022459904	<b>✓</b>
CTermVehSpdInvalidTimer_mS_M_u32	1022459904	1022459904	<b>~</b>
CTerm_Cnt_M_lgc	1	1	~
RampStatus_Cnt_M_u08	0	0	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00319000008	0.00319000008 ± 0.00156	•
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	<b>~</b>

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 3.7 (Repeat Count = 1)	· ·
Name	Input Value
ATermTimer_mS_M_u32	3351713536
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	1993954048
CTermIgnOnTimer_mS_M_u32	1207503104
CTermVehSpdInvalidTimer_mS_M_u32	3037581056
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	32525
k_CTermIgnOffTimeout_mS_u16	35162
k_CTermIgnOnTimeout_mS_u16	49808
k_CTermVehSpdInvalidTimeout_mS_u16	57922
k_RampDnRt_UlspmS_f32	0.00120000006
k_RampUpRtLoSpd_UlspmS_f32	0.00303000002
k_STTdEntryThresh_Kph_f32	188.649994
k_STTdExitThresh_Kph_f32	153.949997
k_STTdRampDownRate_UlspmS_f32	0.00190999999
k_STTdRampUpRate_UlspmS_f32	0.00319999992
k_VehSpdThresh_Kph_f32	192.160004
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16\_ElapsedTime\_mSulfaces and the property of the$	2421
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u332\_CurrentTime\_$	2314
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32



Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_Outpu	tRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdS	Selected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlCor	mVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSp	odValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0907000005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	447.480011		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2314	2314	~
ATerm_Cnt_M_lgc	1	1	<b>✓</b>
CTermIgnOffTimer_mS_M_u32	2314	2314	<b>✓</b>
CTermIgnOnTimer_mS_M_u32	2314	2314	<b>✓</b>
CTermVehSpdInvalidTimer_mS_M_u32	3037581056	3037581056	<b>✓</b>
CTerm_Cnt_M_lgc	1	1	<b>✓</b>
RampStatus_Cnt_M_u08	0	0	<b>✓</b>
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	<b>✓</b>
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	<b>✓</b>
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00303000002	0.00303000002 ± 0.00156	<b>✓</b>
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	~

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>~</b>
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	-

Test Step 3.8 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	3496655872
ATerm_Cnt_M_lgc	0
CTermlgnOffTimer_mS_M_u32	4022544384
CTermlgnOnTimer_mS_M_u32	909170176
CTermVehSpdInvalidTimer_mS_M_u32	2098385920
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	45959
k_CTermIgnOffTimeout_mS_u16	58191
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	32071
k_RampDnRt_UlspmS_f32	0.00039999999
k_RampUpRtLoSpd_UlspmS_f32	0.00400000019
k_STTdEntryThresh_Kph_f32	192.160004
k_STTdExitThresh_Kph_f32	39.5800018
k_STTdRampDownRate_UlspmS_f32	0.00303000002
k_STTdRampUpRate_UlspmS_f32	0.00359000009
k_VehSpdThresh_Kph_f32	198.580002
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	49169
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2596496896
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32



Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpd	Valid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0320000015		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	158.240005		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2596496896	2596496896	~
ATerm_Cnt_M_lgc	1	1	•
CTermIgnOffTimer_mS_M_u32	2596496896	2596496896	•
CTermIgnOnTimer_mS_M_u32	909170176	909170176	•
CTermVehSpdInvalidTimer_mS_M_u32	2596496896	2596496896	•
CTerm_Cnt_M_lgc	0	0	•
RampStatus_Cnt_M_u08	1	1	<b>✓</b>
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	<b>✓</b>
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00039999999	0.00039999999 ± 0.00156	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	•

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 3.9 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	2605953280
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	639978752
CTermIgnOnTimer_mS_M_u32	424178432
CTermVehSpdInvalidTimer_mS_M_u32	3323144448
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	42227
k_CTermIgnOffTimeout_mS_u16	12022
C_CTermIgnOnTimeout_mS_u16	15454
c_CTermVehSpdInvalidTimeout_mS_u16	49463
c_RampDnRt_UlspmS_f32	0.00260000001
<pre>&lt;_RampUpRtLoSpd_UlspmS_f32</pre>	0.000500000024
<pre>C_STTdEntryThresh_Kph_f32</pre>	17.8299999
k_STTdExitThresh_Kph_f32	209.169998
k_STTdRampDownRate_UlspmS_f32	0.00431000022
k STTdRampUpRate UlspmS f32	0.000469999999
k VehSpdThresh Kph f32	97.5500031
arget Rte Call Ap VehPwrMd EpsEn OP GET signal	0
arget Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	27906
arget Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTi	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 ATermActive Cnt Igc	target VehPwrMd Per1 ATermActive Cnt Igc
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target VehPwrMd Per1 CTermActive Cnt Igc
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDA Cnt u08	target VehPwrMd Per1 DmdDelestDA Cnt u08
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngONSrlComSvcDft Cnt Igc	target VehPwrMd Per1 EngONSrlComSvcDft Cnt lgc
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngOn Cnt Igc	target VehPwrMd Per1 EngOn Cnt Igc
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampRate XpmS f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampValue Uls f32	target VehPwrMd Per1 OperRampValue Uls f32
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 OutputRampMult Uls f32	target VehPwrMd Per1 OutputRampMult Uls f32
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 STTdSelected Cnt Igc	target VehPwrMd Per1 STTdSelected Cnt Igc
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0



Name	Input Value		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00600000005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	28.0300007		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2605953280	2605953280	~
ATerm_Cnt_M_lgc	1	1	<b>✓</b>
CTermIgnOffTimer_mS_M_u32	639978752	639978752	~
CTermIgnOnTimer_mS_M_u32	15454	15454	<b>✓</b>
CTermVehSpdInvalidTimer_mS_M_u32	15454	15454	~
CTerm_Cnt_M_lgc	0	0	~
RampStatus_Cnt_M_u08	1	1	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	<b>✓</b>
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	<b>✓</b>
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00260000001	0.00260000001 ± 0.00156	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	<b>✓</b>

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	2	Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	2	<b>~</b>

ame	Input Value
TermTimer mS M u32	2018414336
Term Cnt M Igc	1
TermIgnOffTimer mS M u32	1391807232
TermIgnOnTimer mS M u32	2548318464
TermVehSpdInvalidTimer mS M u32	3501606656
Term Cnt M lgc	1
ampStatus Cnt M u08	2
te Call Ap VehPwrMd EpsEn OP GET(signal)	target Rte Call Ap VehPwrMd EpsEn OP GET signal
te_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
te Call Ap VehPwrMd SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTime
te_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
te_Mode_Ap_VehPwrMd_SystemState_Mode()	1
_ATermTimeout_mS_u16	65462
CTermIgnOffTimeout_mS_u16	27158
CTermIgnOnTimeout_mS_u16	65535
_CTermVehSpdInvalidTimeout_mS_u16	47456
RampDnRt_UlspmS_f32	0.00380000006
RampUpRtLoSpd_UlspmS_f32	0.00400000019
STTdEntryThresh_Kph_f32	160.190002
STTdExitThresh_Kph_f32	188.660004
_STTdRampDownRate_UlspmS_f32	0.00286999997
_STTdRampUpRate_UlspmS_f32	0.00383000006
VehSpdThresh_Kph_f32	243.429993
rget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
rget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	23769
rget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	2825687296
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
rget Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngONSrlComSvcDft Cnt lgc	target VehPwrMd Per1 EngONSrlComSvcDft Cnt lgc
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
rget_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0
rget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
rget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
rget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0340000018
rget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1



Name	Input Value		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	188.809998		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2825687296	2825687296	~
ATerm_Cnt_M_lgc	1	1	<b>✓</b>
CTermIgnOffTimer_mS_M_u32	2825687296	2825687296	<b>✓</b>
CTermIgnOnTimer_mS_M_u32	2548318464	2548318464	✓
CTermVehSpdInvalidTimer_mS_M_u32	2825687296	2825687296	<b>✓</b>
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	2	2	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	<b>✓</b>
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00383000006	0.00383000006 ± 0.00156	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	<b>✓</b>

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~



Test Step 3.11 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
ATermTimer_mS_M_u32	1617527040	
ATerm_Cnt_M_lgc	1	
CTermIgnOffTimer_mS_M_u32	1285954816	
CTermIgnOnTimer_mS_M_u32	2365375232	

CTermVehSpdInvalidTimer\_mS\_M\_u32



Name	Input Value		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	2704923136		
CTermIgnOnTimer_mS_M_u32	2656843776		
CTermVehSpdInvalidTimer_mS_M_u32	2596496896	2596496896	
CTerm Cnt M lgc	0		
RampStatus Cnt M u08	1		
Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	GET signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime			dTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target Rte Call Ap VehPwrMd SystemTim		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k ATermTimeout mS u16	0		
k_CTermIgnOffTimeout_mS_u16	41045		
k CTermIgnOnTimeout mS u16	32015		
k CTermVehSpdInvalidTimeout mS u16	3610		
k RampDnRt UlspmS f32	0.00142999995		
k_RampUpRtLoSpd_UlspmS_f32	0.00120000006		
k_STTdEntryThresh_Kph_f32	121.209999		
k STTdExitThresh Kph f32	129.089996		
k_STTdRampDownRate_UlspmS_f32	0.00399000011		
k STTdRampUpRate UlspmS f32	0.00215000007		
k VehSpdThresh Kph f32	140.339996		
target Rte Call Ap VehPwrMd EpsEn OP GET signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentT			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target VehPwrMd Per1 CTermActive Cnt Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target VehPwrMd Per1 DmdDelestDA Cnt u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	2. 23.	
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampRate XpmS f32	target VehPwrMd Per1 OperRampRate X	pmS f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	<del>-</del>	
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OutputRampMult Uls f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cn	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target VehPwrMd Per1 EngOn Cnt Igc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0199999996		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	132.100006		
target VehPwrMd Per1 VehSpdValid Cnt Igc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2119798272	2119798272	_
ATerm Cnt M Iqc	0	0	•
CTermIgnOffTimer_mS_M_u32	222906368	222906368	
CTermIgnOnTimer mS M u32	222906368	222906368	_
CTermVehSpdInvalidTimer mS M u32	222906368	222906368	
CTerm Cnt M Igc	0	0	•
RampStatus_Cnt_M_u08	1	1	
target VehPwrMd Per1 ATermActive Cnt Igc.value	0	0	·
target VehPwrMd Per1 CTermActive Cnt Igc.value	0	0	
target VehPwrMd Per1 OperRampRate XpmS f32.value	0.00142999995	0.00142999995 ± 0.00156	·
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.000061	
targot_vorii vvrivid_i or i_oport\arripvalue_ors_loz.value		0 ± 0.000001	

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>
Rte Call An VehPwrMd SystemTime DtrmnFlansedTime mS u16	1	Rte Call An VehPwrMd SystemTime DtrmnFlansedTime mS u16	1	_

Test Step 3.13 (Repeat Count = 1)	✓
Name	Input Value
ATermTimer_mS_M_u32	1871115776
ATerm_Cnt_M_lgc	1
CTermlgnOffTimer_mS_M_u32	1630847488
CTermIgnOnTimer_mS_M_u32	124575744



Name	Input Value		
CTermVehSpdInvalidTimer_mS_M_u32	208915968	208915968	
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	1		
Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target Rte Call Ap VehPwrMd EpsEn OP	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	· · · · <b>,</b> · · · · · · · · · · · · · · · · · · ·	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3		
k ATermTimeout mS u16	39189		
k CTermIgnOffTimeout mS u16	65163		
k CTermIgnOnTimeout mS u16	62544		
k_CTermVehSpdInvalidTimeout_mS_u16	63745		
k_RampDnRt_UlspmS_f32	0.00167000003		
k_RampUpRtLoSpd_UlspmS_f32	0.00039999999		
k_STTdEntryThresh_Kph_f32	212.800003		
k STTdExitThresh Kph f32	135.339996		
k_STTdRampDownRate_UlspmS_f32	0.000230000005		
k_STTdRampUpRate_UlspmS_f32	0.0037		
k VehSpdThresh Kph f32	45.1300011		
target Rte Call Ap VehPwrMd EpsEn OP GET signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTin			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target VehPwrMd Per1 ATermActive Cnt I	ac	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_I	~	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08			
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngONSrlComSvcDft Cnt Igc	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08 target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target VehPwrMd Per1 EngOn Cnt Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VenPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 VehSpdValid Cnt Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_l	_	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0	90	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0450000018		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	158.830002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
	Actual Value	Expected Value	Result
Name		Expected Value	Resul
ATermTimer_mS_M_u32	3322604800	3322604800	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	3322604800	3322604800	•
CTermIgnOnTimer_mS_M_u32	3322604800	3322604800	
CTerm/VehSpdInvalidTimer_mS_M_u32	3322604800	3322604800	
CTerm_Cnt_M_lgc	1	1	
RampStatus_Cnt_M_u08	1	1	-
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00039999999	0.00039999999 ± 0.00156	•
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	<b>✓</b>

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>

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



Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin	ne_DtrmnElapsedTime_mS_u16_Elapsed	Time
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0		
k_ATermTimeout_mS_u16	21323		
k_CTermIgnOffTimeout_mS_u16	44398		
k_CTermIgnOnTimeout_mS_u16	63578		
k_CTermVehSpdInvalidTimeout_mS_u16	32987		
k_RampDnRt_UlspmS_f32	0.00190999999		
k_RampUpRtLoSpd_UlspmS_f32	0.00260000001		
k_STTdEntryThresh_Kph_f32	122.220001		
k_STTdExitThresh_Kph_f32	97.0199966		
k_STTdRampDownRate_UlspmS_f32	0.00167000003		
k_STTdRampUpRate_UlspmS_f32	0.00400000019		
k_VehSpdThresh_Kph_f32	202.679993		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	47543		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_ms_u32_CurrentTim	6792355		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 ATermActive Cnt Igc	target VehPwrMd Per1 ATermActive Cnt	lgc	
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngONSrlComSvcDft Cnt Igc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngOn Cnt Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampRate XpmS f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OutputRampMult Uls f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 STTdSelected Cnt Igc	target VehPwrMd Per1 STTdSelected Cnt lgc		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 SrlComVehSpd Kph f32	target VehPwrMd Per1 SrlComVehSpd Kph f32		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 VehSpdValid Cnt Igc	target VehPwrMd Per1 VehSpdValid Cnt lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target VehPwrMd Per1 EngOn Cnt Igc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.785000026		
target VehPwrMd Per1 STTdSelected Cnt Igc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	335.190002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resi
ATermTimer_mS_M_u32	6792355	6792355	11001
ATerm Cnt M Igc	1	1	
CTermIgnOffTimer mS M u32	6792355	6792355	
CTermIgnOnTimer_mS_M_u32	6792355	6792355	
CTermVehSpdInvalidTimer mS M u32	6792355	6792355	
CTerm Cnt M Igc	1	1	
RampStatus Cnt M u08	0	0	
target VehPwrMd Per1 ATermActive Cnt Igc.value	1	1	
target VehPwrMd Per1 CTermActive Cnt Igc.value	1	1	
target VehPwrMd Per1 OperRampRate XpmS f32.value	0.00260000001	0.00260000001 ± 0.00156	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	

T ·					
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>	

Name	Input Value
ATermTimer_mS_M_u32	946256384
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	3771876864
CTermIgnOnTimer_mS_M_u32	2687943680
CTermVehSpdInvalidTimer_mS_M_u32	3830649344
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2



Name	Input Value		
k_ATermTimeout_mS_u16	20740		
k_CTermIgnOffTimeout_mS_u16	38372		
k_CTermIgnOnTimeout_mS_u16	50060		
k_CTermVehSpdInvalidTimeout_mS_u16	48721		
k_RampDnRt_UlspmS_f32	0.00215000007		
k_RampUpRtLoSpd_UlspmS_f32	0.0033499999		
k_STTdEntryThresh_Kph_f32	201.300003		
k_STTdExitThresh_Kph_f32	125.639999		
k_STTdRampDownRate_UlspmS_f32	9.9999975e-005		
k_STTdRampUpRate_UlspmS_f32	0.00462999986		
k_VehSpdThresh_Kph_f32	127.230003		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elap	se 29945		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Current	Tir 2098385920		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt	:_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_C	nt_u08	
$target\_Rte\_Inst\_Ap\_VehPwrMd.VehPwrMd\_Per1\_EngONSrlComSvcDft\_Cnt\_lgc$	target_VehPwrMd_Per1_EngONSrlComSv	cDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_2	CpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_	_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Ci	nt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_k	(ph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt	:_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	97.9899979		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2098385920	2098385920	•
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer mS M u32	2098385920	2098385920	•
CTermIgnOnTimer_mS_M_u32	2098385920	2098385920	•
CTermVehSpdInvalidTimer_mS_M_u32	2098385920	2098385920	
CTerm_Cnt_M_lgc	1	1	
RampStatus_Cnt_M_u08	1	1	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.9999975e-005	9.99999975e-005 ± 0.00156	•
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.9999975e-005	9.99999975e-005 ± 0.000061	

Τ				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>~</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>

Test Step 3.16 (Repeat Count = 1)	✓
Name	Input Value
ATermTimer_mS_M_u32	1820178176
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	3979735808
CTermIgnOnTimer_mS_M_u32	3074730240
CTermVehSpdInvalidTimer_mS_M_u32	4189089536
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	3612
k_CTermIgnOffTimeout_mS_u16	62983
k_CTermIgnOnTimeout_mS_u16	14789
k_CTermVehSpdInvalidTimeout_mS_u16	22182



Name	Input Value		
k RampDnRt UlspmS f32	0.00239000004		
k RampUpRtLoSpd UlspmS f32	0.00270999991		
k_STTdEntryThresh_Kph_f32	240.630005		
k_STTdExitThresh_Kph_f32	0		
k_STTdRampDownRate_UlspmS_f32	0.00159		
k_STTdRampUpRate_UlspmS_f32	0.00414999994		
k_VehSpdThresh_Kph_f32	99.3600006		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	3675		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTire	2664364288		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_	lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	<u>lgc</u>	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt	_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc	Dft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	omS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_I	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt	:_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	bh_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	9.9999975e-005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	260.690002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2664364288	2664364288	
ATerm_Cnt_M_lgc	1	1	<b>✓</b>
CTermIgnOffTimer_mS_M_u32	2664364288	2664364288	
CTermIgnOnTimer_mS_M_u32	2664364288	2664364288	~
CTermVehSpdInvalidTimer_mS_M_u32	2664364288	2664364288	
CTerm_Cnt_M_lgc	1	1	<b>✓</b>
RampStatus_Cnt_M_u08	2	2	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00414999994	0.00414999994 ± 0.00156	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	<b>~</b>

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 3.17 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
ATermTimer_mS_M_u32	1820178176
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	3979735808
CTermIgnOnTimer_mS_M_u32	3074730240
CTermVehSpdInvalidTimer_mS_M_u32	4189089536
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	3612
k_CTermIgnOffTimeout_mS_u16	62983
k_CTermIgnOnTimeout_mS_u16	14789
k_CTermVehSpdInvalidTimeout_mS_u16	22182
k_RampDnRt_UlspmS_f32	0.00219999999
k_RampUpRtLoSpd_UlspmS_f32	0.00449999981
k_STTdEntryThresh_Kph_f32	240.630005
k_STTdExitThresh_Kph_f32	0



Name	Input Value		
k_STTdRampDownRate_UlspmS_f32	0.00159		
k_STTdRampUpRate_UlspmS_f32	0.00414999994		
k_VehSpdThresh_Kph_f32	99.3600006		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	3675		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2664364288		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_I	gc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_I	gc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt	_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcI	Oft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xp	omS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	lls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_L	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	h_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_l	gc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	9.9999975e-005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	260.690002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2664364288	2664364288	~
ATerm_Cnt_M_lgc	1	1	<b>✓</b>
CTermIgnOffTimer_mS_M_u32	2664364288	2664364288	•
CTermIgnOnTimer_mS_M_u32	2664364288	2664364288	~
CTermVehSpdInvalidTimer_mS_M_u32	2664364288	2664364288	•
CTerm_Cnt_M_lgc	1	1	•
RampStatus_Cnt_M_u08	2	2	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00414999994	0.00414999994 ± 0.00156	<b>✓</b>
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	~

Τ			V	
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	-
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 3.18 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
ATermTimer_mS_M_u32	1820178176
ATerm_Cnt_M_lgc	1
CTermlgnOffTimer_mS_M_u32	3979735808
CTermIgnOnTimer_mS_M_u32	3074730240
CTermVehSpdInvalidTimer_mS_M_u32	4189089536
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	3612
k_CTermIgnOffTimeout_mS_u16	62983
k_CTermIgnOnTimeout_mS_u16	14789
k_CTermVehSpdInvalidTimeout_mS_u16	22182
k_RampDnRt_UlspmS_f32	0.00219999999
k_RampUpRtLoSpd_UlspmS_f32	0.00449999981
k_STTdEntryThresh_Kph_f32	240.630005
k_STTdExitThresh_Kph_f32	223.470001
k_STTdRampDownRate_UlspmS_f32	0.00159
k_STTdRampUpRate_UlspmS_f32	0.00414999994
k_VehSpdThresh_Kph_f32	99.3600006
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1



Name	Input Value		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	3675		
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u332\_CurrentTi$	2664364288		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_	<u>lgc</u>	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	<u>lgc</u>	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt	_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc	Dft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	pmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_I	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt	t_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	oh_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	<u>lgc</u>	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	9.9999975e-005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	160.690002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2664364288	2664364288	~
ATerm_Cnt_M_lgc	1	1	•
CTermlgnOffTimer_mS_M_u32	2664364288	2664364288	<b>✓</b>
CTermlgnOnTimer_mS_M_u32	2664364288	2664364288	•
CTermVehSpdInvalidTimer_mS_M_u32	2664364288	2664364288	<b>✓</b>
CTerm_Cnt_M_lgc	1	1	•
RampStatus_Cnt_M_u08	1	1	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00159	0.00159 ± 0.00156	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.9999975e-005	9.9999975e-005 ± 0.000061	<b>✓</b>

Τ				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•

Test Step 3.19 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
ATermTimer_mS_M_u32	0
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	0
CTermIgnOnTimer_mS_M_u32	0
CTermVehSpdInvalidTimer_mS_M_u32	0
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0
k_ATermTimeout_mS_u16	0
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	0
k_RampDnRt_UlspmS_f32	9.9999975e-005
k_RampUpRtLoSpd_UlspmS_f32	9.9999975e-005
k_STTdEntryThresh_Kph_f32	0
k_STTdExitThresh_Kph_f32	0
k_STTdRampDownRate_UlspmS_f32	9.9999975e-005
k_STTdRampUpRate_UlspmS_f32	9.9999975e-005
k_VehSpdThresh_Kph_f32	10.1999998
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	0
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTime target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTime	0
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc



Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cn	t_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc	Dft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	pmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_l	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cn	t_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K	ph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	0		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	0	0	~
ATerm_Cnt_M_lgc	0	0	<b>✓</b>
CTermIgnOffTimer_mS_M_u32	0	0	~
CTermIgnOnTimer_mS_M_u32	0	0	<b>✓</b>
CTermVehSpdInvalidTimer_mS_M_u32	0	0	<b>✓</b>
CTerm_Cnt_M_lgc	0	0	<b>✓</b>
RampStatus_Cnt_M_u08	0	0	<b>✓</b>
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	~
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.9999975e-005	9.9999975e-005 ± 0.00156	~
target VehPwrMd Per1 OperRampValue Uls f32.value	0	0 ± 0.000061	•

Τ				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>

Test Step 3.20 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
ATermTimer mS M u32	3351713536
ATerm Cnt M lgc	1
CTermIgnOffTimer mS M u32	1993954048
CTermIgnOnTimer mS M u32	1207503104
CTermVehSpdInvalidTimer_mS_M_u32	3037581056
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	32525
k_CTermIgnOffTimeout_mS_u16	35162
k_CTermIgnOnTimeout_mS_u16	49808
k_CTermVehSpdInvalidTimeout_mS_u16	57922
k_RampDnRt_UlspmS_f32	0.00167000003
k_RampUpRtLoSpd_UlspmS_f32	0.00039999999
k_STTdEntryThresh_Kph_f32	188.649994
k_STTdExitThresh_Kph_f32	153.949997
k_STTdRampDownRate_UlspmS_f32	0.00190999999
k_STTdRampUpRate_UlspmS_f32	0.00319999992
k_VehSpdThresh_Kph_f32	192.160004
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16\_Elaps$	2421
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u32\_CurrentTime\_mS\_u33\_CurrentT$	2314
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32



Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperR	ampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_Output	RampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdS	selected_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlCon	nVehSpd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSp	dValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0907000005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	447.480011		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2314	2314	~
ATerm_Cnt_M_lgc	1	1	<b>✓</b>
CTermIgnOffTimer_mS_M_u32	2314	2314	<b>✓</b>
CTermIgnOnTimer_mS_M_u32	2314	2314	<b>✓</b>
CTermVehSpdInvalidTimer_mS_M_u32	2314	2314	~
CTerm_Cnt_M_lgc	1	1	<b>✓</b>
RampStatus_Cnt_M_u08	0	0	<b>✓</b>
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	<b>✓</b>
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00039999999	0.0003999999 ± 0.00156	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	~

T			V	
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•

Test Step 3.21 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	1030288640
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	3747631360
CTermIgnOnTimer_mS_M_u32	1903417088
CTermVehSpdInvalidTimer_mS_M_u32	1433922816
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$\label{lem:continuous} Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
<_ATermTimeout_mS_u16	34999
<_CTermIgnOffTimeout_mS_u16	36617
c_CTermIgnOnTimeout_mS_u16	32216
CTermVehSpdInvalidTimeout_mS_u16	3466
c_RampDnRt_UlspmS_f32	0.00449999981
_RampUpRtLoSpd_UlspmS_f32	0.00319999992
C_STTdEntryThresh_Kph_f32	175.029999
C_STTdExitThresh_Kph_f32	64.1299973
<_STTdRampDownRate_UlspmS_f32	0.00142999995
_STTdRampUpRate_UlspmS_f32	0.000500000024
_VehSpdThresh_Kph_f32	144.119995
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
arget Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	2205
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	1022459904
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 SrlComVehSpd Kph f32	target VehPwrMd Per1 SrlComVehSpd Kph f32



Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0500999987		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	66.1100006		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1022459904	1022459904	~
ATerm_Cnt_M_lgc	1	1	~
CTermIgnOffTimer_mS_M_u32	3747631360	3747631360	~
CTermIgnOnTimer_mS_M_u32	1022459904	1022459904	~
CTermVehSpdInvalidTimer_mS_M_u32	1022459904	1022459904	~
CTerm_Cnt_M_lgc	1	1	•
RampStatus_Cnt_M_u08	0	0	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00319999992	0.00319999992 ± 0.00156	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	~

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 3.22 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	946256384
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	3771876864
CTermIgnOnTimer_mS_M_u32	2687943680
CTermVehSpdInvalidTimer_mS_M_u32	3830649344
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3
k_ATermTimeout_mS_u16	20740
k_CTermIgnOffTimeout_mS_u16	18372
k_CTermIgnOnTimeout_mS_u16	50060
k_CTermVehSpdInvalidTimeout_mS_u16	48721
k_RampDnRt_UlspmS_f32	0.00263
k_RampUpRtLoSpd_UlspmS_f32	0.000469999999
k_STTdEntryThresh_Kph_f32	210
k_STTdExitThresh_Kph_f32	125.639999
k_STTdRampDownRate_UlspmS_f32	0.00206999993
k_STTdRampUpRate_UlspmS_f32	0.00462999986
k_VehSpdThresh_Kph_f32	127.230003
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	29945
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	2098385920
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 ATermActive Cnt Igc	target VehPwrMd Per1 ATermActive Cnt Igc
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target VehPwrMd Per1 CTermActive Cnt Igc
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDA Cnt u08	target VehPwrMd Per1 DmdDelestDA Cnt u08
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngONSrlComSvcDft Cnt Igc	target VehPwrMd Per1 EngONSrlComSvcDft Cnt lgc
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngOn Cnt Igc	target VehPwrMd Per1 EngOn Cnt Igc
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampRate XpmS f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampValue Uls f32	target VehPwrMd Per1 OperRampValue Uls f32
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OutputRampMult Uls f32	target VehPwrMd Per1 OutputRampMult Uls f32
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 STTdSelected Cnt Igc	target VehPwrMd Per1 STTdSelected Cnt Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0



Name	Input Value		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1	1	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	197.98999		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2098385920	2098385920	~
ATerm_Cnt_M_lgc	1	1	<b>✓</b>
CTermIgnOffTimer_mS_M_u32	2098385920	2098385920	~
CTermIgnOnTimer_mS_M_u32	2098385920	2098385920	<b>✓</b>
CTermVehSpdInvalidTimer_mS_M_u32	2098385920	2098385920	•
CTerm_Cnt_M_lgc	1	1	<b>✓</b>
RampStatus_Cnt_M_u08	0	0	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	<b>✓</b>
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000469999999	0.000469999999 ± 0.00156	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 3.23 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	946256384
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	3771876864
CTermIgnOnTimer_mS_M_u32	2687943680
CTermVehSpdInvalidTimer_mS_M_u32	3830649344
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	20740
k CTermIgnOffTimeout mS u16	18372
k CTermIgnOnTimeout mS u16	50060
k CTermVehSpdInvalidTimeout mS u16	48721
k RampDnRt UlspmS f32	0.00263
k RampUpRtLoSpd UlspmS f32	0.000469999999
k STTdEntryThresh Kph f32	210
k STTdExitThresh Kph f32	125.639999
k STTdRampDownRate UlspmS f32	0.00206999993
k STTdRampUpRate UlspmS f32	0.00462999986
k VehSpdThresh Kph f32	127.230003
target Rte Call Ap VehPwrMd EpsEn OP GET signal	0
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	
	2098385920
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.959999979
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1
target VehPwrMd Per1 SrlComVehSpd Kph f32.value	197.98999



Name	Input Value		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2098385920	2098385920	~
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	2098385920	2098385920	<b>✓</b>
CTermIgnOnTimer_mS_M_u32	2098385920	2098385920	✓
CTermVehSpdInvalidTimer_mS_M_u32	2098385920	2098385920	✓
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	<b>✓</b>
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000469999999	0.000469999999 ± 0.00156	<b>✓</b>
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	~

T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	<b>✓</b>
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 3.24 (Repeat Count = 1)	In and Walter		
Name	Input Value		
ATermTimer_mS_M_u32	1820178176		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	3979735808		
CTermlgnOnTimer_mS_M_u32	3074730240		
CTermVehSpdInvalidTimer_mS_M_u32	4189089536		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_Ol		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		ne_DtrmnElapsedTime_mS_u16_ElapsedTim	e
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTir	ne_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_ATermTimeout_mS_u16	3612		
k_CTermIgnOffTimeout_mS_u16	62983		
k_CTermIgnOnTimeout_mS_u16	14789		
k_CTermVehSpdInvalidTimeout_mS_u16	22182		
k_RampDnRt_UlspmS_f32	0.00219999999		
k_RampUpRtLoSpd_UlspmS_f32	0.00449999981		
k_STTdEntryThresh_Kph_f32	240.630005		
k_STTdExitThresh_Kph_f32	0		
k_STTdRampDownRate_UlspmS_f32	0.00159		
k_STTdRampUpRate_UlspmS_f32	0.00414999994		
k_VehSpdThresh_Kph_f32	99.3600006		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	3675		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	2664364288		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cr	t_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvd	:Dft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	pmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_	Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cr	t_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K	ph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt	_lgc	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	9.9999975e-005		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	260.690002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Res
ATermTimer mS M u32	2664364288	2664364288	
ATerm Cnt M Igc	1	1	



Name	Actual Value	Expected Value	Result
CTermIgnOffTimer_mS_M_u32	2664364288	2664364288	~
CTermIgnOnTimer_mS_M_u32	2664364288	2664364288	✓
CTermVehSpdInvalidTimer_mS_M_u32	2664364288	2664364288	✓
CTerm_Cnt_M_lgc	1	1	<b>✓</b>
RampStatus_Cnt_M_u08	2	2	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	<b>✓</b>
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00414999994	0.00414999994 ± 0.00156	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	<b>✓</b>

Т				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~

Test Step 3.25 (Repeat Count = 1)			
Name	Input Value		
ATermTimer_mS_M_u32	1262504960		
ATerm_Cnt_M_lgc	1		
CTermlgnOffTimer_mS_M_u32	711440384		
CTermIgnOnTimer_mS_M_u32	316859904		
CTermVehSpdInvalidTimer_mS_M_u32	2887148544		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime	e_DtrmnElapsedTime_mS_u16_ElapsedTime	;
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime	e_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0		
k_ATermTimeout_mS_u16	29945		
k_CTermIgnOffTimeout_mS_u16	31751		
	46917		
	42421		
	0.00462999986		
	0.00286999997		
	170.289993		
_ , , _	229.289993		
	0.000469999999		
	0.00499999989		
	24.7199993		
	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
	target_VehPwrMd_Per1_ATermActive_Cnt_I	90	
	target VehPwrMd Per1 CTermActive Cnt I		
	target VehPwrMd Per1 DmdDelestDA Cnt	•	
	target_VehPwrMd_Per1_EngONSrlComSvcI		
		on_on_ige	
	target_VehPwrMd_Per1_EngOn_Cnt_lgc	C \$22	
	target_VehPwrMd_Per1_OperRampRate_Xp	_	
	target_VehPwrMd_Per1_OperRampValue_U		
	target_VehPwrMd_Per1_OutputRampMult_L	_	
	target_VehPwrMd_Per1_STTdSelected_Cnt		
	target_VehPwrMd_Per1_SrlComVehSpd_Kp	_	
	target_VehPwrMd_Per1_VehSpdValid_Cnt_l	gc	
	0		
0 =	0		
	0		
	9.9999975e-005		
3-2	1		
·	332.579987		
	0		
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	49544	49544	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	49544	49544	
CTermIgnOnTimer_mS_M_u32	49544	49544	
	2887148544	2887148544	
CTerm_Cnt_M_lgc	1	1	



Name	Actual Value	Expected Value	Result
RampStatus_Cnt_M_u08	2	2	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.00156	•
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	•
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 3.26 (Repeat Count = 1)	Input Value		
Name	Input Value		
ATermTimer_mS_M_u32	1820178176		
ATerm_Cnt_M_lgc	1		
CTermlgnOffTimer_mS_M_u32	3979735808		
CTermIgnOnTimer_mS_M_u32	3074730240		
CTermVehSpdInvalidTimer_mS_M_u32	4189089536		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	· · ·		ne
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin	ne_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_ATermTimeout_mS_u16	3612		
k_CTermIgnOffTimeout_mS_u16	62983		
k_CTermIgnOnTimeout_mS_u16	14789		
k_CTermVehSpdInvalidTimeout_mS_u16	22182		
k_RampDnRt_UlspmS_f32	0.00219999999		
k_RampUpRtLoSpd_UlspmS_f32	0.00449999981		
k_STTdEntryThresh_Kph_f32	240.630005		
k_STTdExitThresh_Kph_f32	0		
k_STTdRampDownRate_UlspmS_f32	0.00159		
k_STTdRampUpRate_UlspmS_f32	0.00414999994		
k_VehSpdThresh_Kph_f32	99.3600006		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16\_ElapsedTime\_mSulfaces and target\_Resulfaces are also as a function of the contract of the con$	3675		
$target\_Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_GetSystemTime\_mS\_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u32\_CurrentTime\_mS_u33\_CurrentT$	2664364288		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_	<u>lgc</u>	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cn	t_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc	Dft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	pmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_I	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cn	t_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_K	ph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_	
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target VehPwrMd Per1 OutputRampMult Uls f32.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	260.690002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Resul
		2664364288	Resul
ATerm Cot M Icc	2664364288 1	2004304288	
ATerm_Cnt_M_lgc			
CTermIgnOffTimer_mS_M_u32	2664364288	2664364288	
CTermIgnOnTimer_mS_M_u32	2664364288	2664364288	
CTermVehSpdInvalidTimer_mS_M_u32	2664364288	2664364288	,
CTerm_Cnt_M_lgc	1	1	•
RampStatus_Cnt_M_u08	2	2	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value		1	



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

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>

Test Step 3.27 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	1820178176			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	3979735808			
CTermIgnOnTimer_mS_M_u32	3074730240			
CTermVehSpdInvalidTimer_mS_M_u32	4189089536			
CTerm_Cnt_M_lgc	1			
RampStatus_Cnt_M_u08	1			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_O	P_GET_signal		
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTii	me_DtrmnElapsedTime_mS_u16_Elapse	dTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTii	me_GetSystemTime_mS_u32_CurrentTir	ne	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
k_ATermTimeout_mS_u16	3612			
k_CTermIgnOffTimeout_mS_u16	62983			
k_CTermIgnOnTimeout_mS_u16	14789			
k_CTermVehSpdInvalidTimeout_mS_u16	22182			
k_RampDnRt_UlspmS_f32	0.00219999999			
k_RampUpRtLoSpd_UlspmS_f32	0.00449999981			
k_STTdEntryThresh_Kph_f32	240.630005			
k_STTdExitThresh_Kph_f32	190.300003			
k STTdRampDownRate UlspmS f32	0.00159			
k STTdRampUpRate UlspmS f32	0.00414999994			
k_VehSpdThresh_Kph_f32	99.3600006			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	3675			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTire				
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 ATermActive Cnt Igc	target_VehPwrMd_Per1_ATermActive_Cnt	lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target VehPwrMd Per1 CTermActive Cnt			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cr	<del>- ·</del>		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSv			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_)	KpmS f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cr	_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target VehPwrMd Per1 SrlComVehSpd F			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target VehPwrMd Per1 VehSpdValid Cnt			
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target VehPwrMd Per1 EngOn Cnt Igc.value	1			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1			
target VehPwrMd Per1 STTdSelected Cnt Igc.value	1			
target VehPwrMd Per1 SrlComVehSpd Kph f32.value	160.690002			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
Name	Actual Value	Expected Value	Resu	
ATermTimer mS M u32	2664364288	2664364288	Resu	
ATerm_Cnt_M_lgc	1	1		
CTermIgnOffTimer_mS_M_u32	2664364288	2664364288		
CTermIgnOnTimer_mS_M_u32	2664364288	2664364288		
CTermVehSpdInvalidTimer_mS_M_u32	2664364288	2664364288		
CTerm Cnt M Igc	1	1		
RampStatus Cnt M u08	1	1		
target VehPwrMd Per1 ATermActive Cnt Igc.value	1	1		
	1	1		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0.00159			
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value		0.00159 ± 0.00156		
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.9999975e-005	9.99999975e-005 ± 0.000061		



T					
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~	
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	<b>✓</b>	

Test Step 3.28 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	1262504960			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	711440384			
CTermIgnOnTimer_mS_M_u32	316859904			
CTermVehSpdInvalidTimer_mS_M_u32	2887148544			
CTerm_Cnt_M_lgc	1			
RampStatus_Cnt_M_u08	1			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_Ep	sEn_OP_GET_signal		
$Rte\_Call\_Ap\_VehPwrMd\_SystemTime\_DtrmnElapsedTime\_mS\_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_Sy	stemTime_DtrmnElapsedTime_mS_u16_Elaps	sedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0			
k_ATermTimeout_mS_u16	29945			
k_CTermIgnOffTimeout_mS_u16	31751			
k_CTermIgnOnTimeout_mS_u16	46917			
k CTermVehSpdInvalidTimeout mS u16	42421			
k_RampDnRt_UlspmS_f32	0.00462999986			
k_RampUpRtLoSpd_UlspmS_f32	0.00286999997			
k_STTdEntryThresh_Kph_f32	170.289993			
k_STTdExitThresh_Kph_f32	229.289993			
k_STTdRampDownRate_UlspmS_f32	0.000469999999			
k STTdRampUpRate UlspmS f32	0.00499999999			
_				
k_VehSpdThresh_Kph_f32	24.7199993			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	'			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse				
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u33_CurrentTim				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08		target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRamp			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRar	npMult_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelect	cted_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVe	hSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdVa	llid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.660000026			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	332.579987			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
Name	Actual Value	Expected Value	Resul	
ATermTimer_mS_M_u32	49544	49544	11000	
ATerm Cnt M Igc	1	1		
CTermIgnOffTimer_mS_M_u32	49544	49544		
CTermIgnOnTimer_mS_M_u32	49544	49544		
CTermVehSpdInvalidTimer mS M u32	2887148544	2887148544		
CTerm Cnt M lgc	1	1		
RampStatus_Cnt_M_u08	2	2	•	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.0049999989	0.00499999989 ± 0.00156	•	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.000061		



T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 3.29 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	1262504960			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	711440384	711440384		
CTermIgnOnTimer_mS_M_u32	316859904			
CTermVehSpdInvalidTimer_mS_M_u32	2887148544	2887148544		
CTerm_Cnt_M_lgc	1			
RampStatus_Cnt_M_u08	1			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_Ep	sEn_OP_GET_signal		
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16(ElapsedTin	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target Rte Call Ap VehPwrMd Sys	stemTime_GetSystemTime_mS_u32_CurrentTin	me	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0			
	29945			
 c_CTermIgnOffTimeout_mS_u16	31751			
CCTermIgnOnTimeout_mS_u16	46917			
 c_CTermVehSpdInvalidTimeout_mS_u16	42421			
	0.00462999986			
RampUpRtLoSpd UlspmS f32	0.00286999997			
STTdEntryThresh Kph f32	170.289993			
STTdExitThresh_Kph_f32	229.289993			
S_STTdRampDownRate_UlspmS_f32	0.000469999999			
STTdRampUpRate UlspmS f32	0.00499999989			
_VehSpdThresh_Kph_f32	24.7199993			
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
arget_Ne_dail_np_verif withd_Epseti_of_deligned.  arget_Ne_dail_np_verif withd_Epseti_of_deligned.  arget_Ne_dail_np_verif withd_Epseti_of_deligned.				
arget Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 Currer				
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc		ve Cnt lac		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc target_VehPwrMd_Per1_CTermActive_Cnt_lgc			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igo	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc			
arget_Rte_Inst_Ap_vehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cn			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRamp			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRamp			
arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRan			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelect			
arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVeh			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdVa	id_Crit_igc		
arget_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0			
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00499999989			
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	132.579987			
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
Name	Actual Value	Expected Value	Res	
TermTimer_mS_M_u32	49544	49544		
Term_Cnt_M_lgc	1	1		
CTermIgnOffTimer_mS_M_u32	49544	49544		
CTermIgnOnTimer_mS_M_u32	49544	49544		
CTermVehSpdInvalidTimer_mS_M_u32	2887148544	2887148544		
CTerm_Cnt_M_lgc	1	1		
RampStatus_Cnt_M_u08	1	1		
arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1		
arget_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1		
arget_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000469999999	0.000469999999 ± 0.00156		
target VehBurMd Per1 OperPampValue Llls f32 value	0 000000750-005	9 99999756-005 + 0 000061		

9.99999975e-005

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value

9.99999975e-005 ± 0.000061



T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	•
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 3.30 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	1262504960			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	711440384	711440384		
CTermIgnOnTimer_mS_M_u32	316859904			
CTermVehSpdInvalidTimer_mS_M_u32	2887148544			
CTerm_Cnt_M_lgc	1			
RampStatus_Cnt_M_u08	1			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_	OP_GET_signal		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	e) target_Rte_Call_Ap_VehPwrMd_System	Time_DtrmnElapsedTime_mS_u16_Elapse	dTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_System	Time_GetSystemTime_mS_u32_CurrentTir	ne	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0			
_ATermTimeout_mS_u16	29945			
_CTermIgnOffTimeout_mS_u16	31751			
CTermIgnOnTimeout_mS_u16	46917			
 CTermVehSpdInvalidTimeout_mS_u16	42421			
 r_RampDnRt_UlspmS_f32	0.00462999986			
c_RampUpRtLoSpd_UlspmS_f32	0.00286999997			
STTdEntryThresh Kph f32	170.289993			
C_STTdExitThresh_Kph_f32	229.289993			
c_STTdRampDownRate_UlspmS_f32	0.000469999999			
s_STTdRampUpRate_UlspmS_f32	0.00499999989			
	24.7199993			
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
arget Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elap	se 41625			
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curren				
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Ci	nt lac		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target VehPwrMd Per1 CTermActive Cnt Igc			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComS			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate	XnmS f32		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMu			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_0			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_C			
arget VehPwrMd Per1 DmdDelestDA Cnt u08.value	0	90		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00499999989			
arget VehPwrMd Per1 STTdSelected Cnt lgc.value	1			
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	132.579987			
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
		Formando d Walton	D.,	
Name	Actual Value	Expected Value	Res	
TermTimer_mS_M_u32	49544	49544		
ATerm_Cnt_M_lgc	1	1		
CTermIgnOffTimer_mS_M_u32	49544	49544		
CTermIgnOnTimer_mS_M_u32	49544	49544		
CTermVehSpdInvalidTimer_mS_M_u32	2887148544	2887148544		
CTerm_Cnt_M_lgc	1	1		
RampStatus_Cnt_M_u08	1	1		
arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1		
arget_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1		
arget_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.000469999999	0.000469999999 ± 0.00156		
arget VehPwrMd Per1 OperPampValue IIIs f32 value	9 99999750-005	9 99999759-005 + 0 000061		

9.99999975e-005

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value

9.99999975e-005 ± 0.000061



T				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 3.31 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	1262504960			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	711440384	711440384		
CTermIgnOnTimer_mS_M_u32	316859904			
CTermVehSpdInvalidTimer_mS_M_u32	2887148544			
CTerm_Cnt_M_lgc	1			
RampStatus_Cnt_M_u08	1			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_0	OP_GET_signal		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	e) target_Rte_Call_Ap_VehPwrMd_System1	ime_DtrmnElapsedTime_mS_u16_Elaps	edTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_System1	Time_GetSystemTime_mS_u32_CurrentT	ime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0			
c_ATermTimeout_mS_u16	29945			
CTermIgnOffTimeout_mS_u16	31751			
<pre>&lt;_CTermIgnOnTimeout_mS_u16</pre>	46917			
c_CTermVehSpdInvalidTimeout_mS_u16	42421			
	0.00462999986			
_RampUpRtLoSpd_UlspmS_f32	0.00286999997			
<pre>C_STTdEntryThresh_Kph_f32</pre>	170.289993			
_STTdExitThresh_Kph_f32	229.289993			
_STTdRampDownRate_UlspmS_f32	0.000469999999			
_STTdRampUpRate_UlspmS_f32	0.00499999989			
_VehSpdThresh_Kph_f32	24.7199993			
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elap	se 41625			
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Current	Гir 49544			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Ci	nt_lgc		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target VehPwrMd Per1 CTermActive Cnt Igc			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDA_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComS			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMul			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_0			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_			
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 VehSpdValid Cnt Igc	target_VehPwrMd_Per1_VehSpdValid_Ci	- · <del>-</del>		
arget_VehPwrMd_Per1_DmdDelestDA_Cnt_u08.value	0	25		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
arget VehPwrMd Per1 EngOn Cnt Igc.value	0			
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.00499999989			
arget VehPwrMd Per1 STTdSelected Cnt Igc.value	1			
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	332.579987			
arget VehPwrMd Per1 VehSpdValid Cnt Igc.value	0			
Name	Actual Value	Expected Value	Resu	
Name ATermTimer_mS_M_u32	49544	49544	Rest	
ATerm Cnt M lgc	1	1		
Arerm_Cnt_m_igc CTermIgnOffTimer mS M u32	49544	49544		
CTermignOnTimer_mS_M_us2	49544	49544		
	2887148544	2887148544		
CTermVehSpdInvalidTimer_mS_M_u32		1		
CTerm_Cnt_M_lgc	1	1		
RampStatus_Cnt_M_u08	2	2		
arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1		
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1		
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.00156		
arget VehPwrMd Per1 OperRampValue Uls f32 value	1	1 + 0 000061	l l	

1

target\_VehPwrMd\_Per1\_OperRampValue\_Uls\_f32.value

1 ± 0.000061



Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	Rte_Call_Ap_VehPwrMd_NxtrDiagMgr_GetNTCFailed	3	~
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~