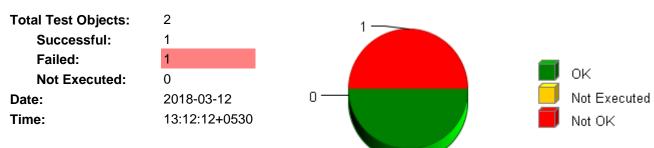


Summary

Overall Test Object Results (including Coverage)



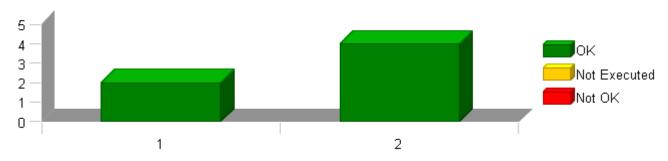
Selected Project Items

Test Collection "CBD_UnitTest"

Used Test Environments

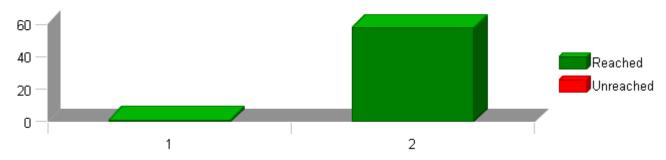
TI TMS 570 PLS UDE (Default)

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).

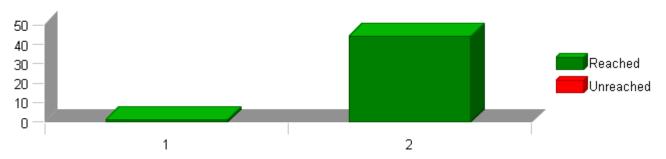
Statement (C0) Coverage: Total Statements for Each Test Object



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.

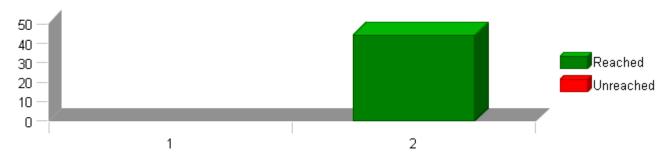


Branch (C1) Coverage: Total Branches for Each Test Object



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.

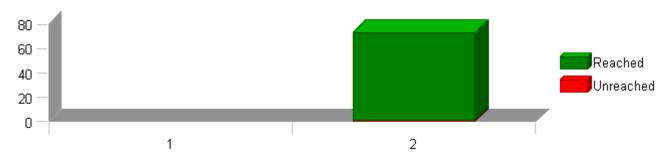
Decision Coverage: Total Decision Outcomes for Each Test Object



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.

TEST OVERVIEW REPORT

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Test Object List

Project VehPwrMd

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

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

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

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VehPwrMd_Per1

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 Project
 VehPwrMd

 Module
 VehPwrMd

 Test Object
 VehPwrMd_Per1

Instrumentation: Test Object Only

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

Statistics

Total Testcases	4	
Successful	4	~
Failed	0	
Not Executed	0	

Module Properties

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

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

Attributes					
Name	Value				
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5				
Float Precision	9				
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj				
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src				
Linker File	\$(TESSY_SYSPATH)\compiler\ti\tms470\sys_link.cmd				
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl				
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4				
Time Unit	cycles				

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Attributes					
Name	Value				
Timer Enabled	false				
Timer Prescale	0				
Timer Resolution 1					
UDE Config File \$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg					
Workspace File D:\Synergy_Work_Area\VehPwrMd\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP					



```
Test Case 1: Metric Test
 Specification
                                                                                                           Performance Metrics:
                                                                                                            (With "None" Instrumentation and "WithPS" Environment)
                                                                                                            TS1.1 1731.00 Cycles
TS1.2 1812.00 Cycles
                                                                                                        Vector Description:
Description
                                                                                                     TS1.1 \ Shortest \ Execution \ Path: \\ if(\ CTerm\_Cnt\_M\_lgc == FALSE\_) ==> True, \\ if(\ (EngOn\_Cnt\_T\_lgc == TRUE) \&\& \\ (EPSEn\_Cnt\_T\_lgc == TRUE) &\& \\ (EPSEn\_Cnt\_T\_lgc == TRUE) && \\ (VehSpdValid\_Cnt\_T\_lgc == TRUE) && \\ (VehSpd Kph\_T\_f32 > k\_VehSpdThresh\_Kph\_f32)) ==> False, \\ if(\ EngONSrlComSvcDft\_Cnt\_T\_lgc == TRUE) ==> False, \\ if(\ ATerm\_Cnt\_M\_lgc == FALSE\_) ==> True, \\ if(\ (EPSEn\_Cnt\_T\_lgc == TRUE) && \\ (VehSpdValid\_Cnt\_T\_lgc == TRUE) && \\ (VehSpdValid\_Cnt\_T\_lgc == TRUE) && \\ (VehSpd_Kph\_T\_f32 > k\_VehSpdThresh\_Kph\_f32)) || \\ (EngOn\_Cnt\_T\_lgc == TRUE) || \\ (CTerm\_Cnt\_T\_lgc == TRUE) |=> False, \\ if(\ (FALSE == CTerm\_Cnt\_T\_lgc) || \\ (SystemState\_Cnt\_T\_enum != RTE\_MODE\_StaMd\_Mode\_OPERATE)) ==> True, \\ switch(\ (RampStatus\_Cnt\_M\_u08) \\ default: \\ \end{cases} 
                                                                                                          TS1.1 Shortest Execution Path:
                                                                                                   | TS1.2 Longest Execution Path:
| If (CTerm_Cnt_M_lgc == FALSE ) ==> False, |
| If (EngOn_Cnt_T_lgc == FALSE ) ==> True, |
| If (VehSpdValid_Cnt_T_lgc == TRUE) && (VehSpdValid_Cnt_T_lgc == TRUE) && (VehSpdValid_Cnt_T_lgc == TRUE) && (VehSpdValid_Cnt_T_lgc == TRUE) && (VehSpdValid_Cnt_T_lgc == FALSE) && (EPSEn_Cnt_T_lgc == FALSE) )==> False, |
| If (VehSpdValid_Cnt_T_lgc == FALSE) >=> False, |
| If (LelapsedTime_mS__u16 >= k_CTermVehSpdInvalidTimeout_mS_u16) || (MEC_Cnt_T_enum == ManufacturingMode) >=> False, |
| If (EPSEn_Cnt_T_lgc == FALSE) ==> False, |
| If (ATerm_Cnt_M_lgc == FALSE) ==> False, |
| If (LelapsedTime_nS__u16 \) |
| If (VehSpdValid_Cnt_T_lgc == FALSE) && (VehSpdValid_Cnt_T_lgc == FALSE) && (VehSpdValid_Cnt_T_lgc == FALSE) && (VehSpdValid_Cnt_T_lgc == FALSE) && (CTerm_Cnt_T_lgc == TRUE) && (CTerm_Cnt_T_lgc == (Unit8) && (VehSpdValid_Cnt_T_lgc == TRUE) && (VehSpdValid_Cnt_T_lgc == (Unit8) && (VehSpdVali
                                                                                                          default:
                                                                                                        TRUE)) |
                                                                                                                                                                ..
( (VehSpdValid_Cnt_T_lgc == TRUE) && (VehSpd_Kph_T_f32 > k_STTdExitThresh_Kph_f32) ) )==>False,
                                                                                                       switch (RampStatus_Cnt_M_u08) case D_RAMPDOWN_STTD_CNT_U08:
```

Test Step 1.1 (Repeat Count = 1)	✓
Name	Input Value
ATermTimer_mS_M_u32	0
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	0
CTermIgnOnTimer_mS_M_u32	0
CTermVehSpdInvalidTimer_mS_M_u32	0
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0
k_ATermTimeout_mS_u16	0
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	0
k_RampDnRt_UlspmS_f32	9.9999975e-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

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Name	Input Value				
k_VehSpdThresh_Kph_f32	0				
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0				
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	_Elapse 0				
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Colors = 0.0000000000000000000000000000000000$	urrentTir 0				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermA	ctive_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermA	ctive_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u0	08 target_VehPwrMd_Per1_DmdDele	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08			
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgeneration and the property of the property of$	target_VehPwrMd_Per1_DmdDele	target_VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc			
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnress = 0.000000000000000000000000000000000$	t_lgc target_VehPwrMd_Per1_EngONS	rlComSvcDft_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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_	Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cr	nt_enum			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f3	32 target_VehPwrMd_Per1_OperRar	npRate_XpmS_f32			
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f3222222222222222222222222222222222222$	target_VehPwrMd_Per1_OperRar	target_VehPwrMd_Per1_OperRampValue_Uls_f32			
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f3222222222222222222222222222222222222$	target_VehPwrMd_Per1_OutputR	target_VehPwrMd_Per1_OutputRampMult_Uls_f32			
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplet	ete Cnt target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSe	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc			
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32$	target_VehPwrMd_Per1_SrlCom\	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpd	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc			
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0				
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0				
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0				
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0				
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	0				
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0				
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0				
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0				
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0				
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	0				
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0				
Name	Actual Value	Expected Value	Result		
ATermTimer_mS_M_u32	0	0	•		
ATerm_Cnt_M_lgc	0	0	•		
CTermIgnOffTimer_mS_M_u32	0	0	-		
CTermIgnOnTimer_mS_M_u32	0	0	•		
CTermVehSpdInvalidTimer_mS_M_u32	0	0	•		
CTerm_Cnt_M_lgc	0	0	•		
RampStatus_Cnt_M_u08	0	0	•		
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	•		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	•		
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.015625	•		
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	-		

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

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

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Venir Wind_r eri		(5)	- 10010
Name	Input Value		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	4277		
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTir	534787401		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lg	С	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lg	С	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_C	nt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Ci	nt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDt	ft_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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xpr	nS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls	s_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Ul	s_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_le	target_VehPwrMd_Per1_RampDwnStatusCor	nplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph	_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	15		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.897599995		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	31.5554008		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	534787401	534787401	~
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	534787401	534787401	✓
CTermIgnOnTimer_mS_M_u32	534787401	534787401	✓
CTermVehSpdInvalidTimer_mS_M_u32	2448390276	2448390276	✓
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	2	2	-
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.9999975e-005	9.99999975e-005 ± 0.0000610351	5625

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	✓



Test Case 2: Range Test

Specification

Performance Metrics:

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

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

Description

Vector Description:

TS2.1All Min

TS2.2All Max

TS2.3DmdDelestDASts_Cnt_u08==>Min TS2.4DmdDelestDASts_Cnt_u08==>Max TS2.5DmdDelestDaVld_Cnt_lgc==>Min TS2.6DmdDelestDaVld_Cnt_lgc==>Max TS2.7EngONSrlComSvcDft_Cnt_lgc==>Min

TS2.8EngONSrlComSvcDft_Cnt_lgc==>Max

TS2.8EngONSrIComSvcDtf_Cnt_lgc==>Max
TS2.9EngOn_Cnt_lgc==>Min
TS2.10EngOn_Cnt_lgc==>Max
TS2.11EtatMT_Cnt_u08==>Min
TS2.12EtatMT_Cnt_u08==>Max
TS2.13EtatMT_Cnt_u08==>Pos
TS2.13EtatMT_Cnt_u08==>Pos
TS2.14MEC_Cnt_enum==>ProductionMode
TS2.15MEC_Cnt_enum==>ManufacturingMode
TS2.16MEC_Cnt_enum==>EngineeringMode
TS2.16MEC_UnturtPampMult_Lll_6132==>Min

TS2.17OutputRampMult_Uls_f32==>Min

TS2.18OutputRampMult_Uls_f32==>Max TS2.19OutputRampMult_Uls_f32==>Pos TS2.20RampDwnStatusComplete_Cnt_Igc==>Min

TS2.21RampDwnStatusComplete_Cnt_lgc==>Max

TS2.22STTdSelected_Cnt_lgc==>Min TS2.23STTdSelected_Cnt_lgc==>Max

TS2.24SrlComVehSpd_Kph_f32==>Min TS2.25SrlComVehSpd_Kph_f32==>Max TS2.26SrlComVehSpd_Kph_f32==>Pos

TS2.27VehSpdValid_Cnt_lgc==>Min

TS2.28VehSpdValid_Cnt_lgc=>Nimi
TS2.28VehSpdValid_Cnt_lgc=>Max
TS2.29Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_DISABLE
TS2.30Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_OFF
TS2.31Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_OPERATE
TS2.32Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_WARMINIT
TS2.33Rte_Mode_SystemState_Mode==>RTE_TRANSITION_StaMd_Mode

IS2.33Rte_Mode_systemState_Mode==>RTE_TRANSITION_StaM
TS2.34Rte_Call_EpsEn_OP_GET==>Min
TS2.35Rte_Call_EpsEn_OP_GET==>Max
TS2.35Rte_Call_EpsEn_OP_GET==>Max
TS2.36Rte_Call_SystemTime_GetSystemTime_mS_u32==>Max
TS2.38Rte_Call_SystemTime_GetSystemTime_mS_u32==>Pos
TS2.39Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Min
TS2.40Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Min

TS2.40Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Max TS2.41Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Pos

Test Step 2.1 (Repeat Count = 1)	🗸
Name	Input Value
ATermTimer_mS_M_u32	0
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer_mS_M_u32	0

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Name	Input Value			
CTermIgnOnTimer_mS_M_u32	0			
CTermVehSpdInvalidTimer_mS_M_u32	0			
CTerm_Cnt_M_lgc	0			
RampStatus_Cnt_M_u08	0			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	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	0			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	0			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	ir 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		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_	Cnt_lgc		
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_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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_RampDwnStatusComplete_Cnt_I	target_VehPwrMd_Per1_RampDwnStatusC	omplete_Cnt_lgc		
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_DmdDelestDASts_Cnt_u08.value	0			
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	0			
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0			
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	0			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
Name	Actual Value	Expected Value	Resu	
ATermTimer mS M u32	0	0		
ATerm Cnt M lgc	0	0		
CTermIgnOffTimer mS M u32	0	0		
CTermIgnOnTimer_mS_M_u32	0	0		
		0		
CTermVehSpdInvalidTimer mS M u32	0	0		
CTermVehSpdInvalidTimer_mS_M_u32 CTerm Cnt M lgc	0	0		
CTerm_Cnt_M_lgc		1	•	
CTerm_Cnt_M_lgc RampStatus_Cnt_M_u08	0	0		
CTerm_Cnt_M_lgc RampStatus_Cnt_M_u08 target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0 0 0	0 0 0	•	
CTerm_Cnt_M_lgc RampStatus_Cnt_M_u08	0	0		

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•	
Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	-	



Test Step 2.2 (Repeat Count = 1) Name	Input Value		
	4294967295		
	1		
	4294967295		
	4294967295		
	4294967295		
	1		
·	2		
	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	3
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()	4		
k_ATermTimeout_mS_u16	65535		
k_CTermIgnOffTimeout_mS_u16	65535		
k_CTermIgnOnTimeout_mS_u16	65535		
k_CTermVehSpdInvalidTimeout_mS_u16	65535		
k_RampDnRt_UlspmS_f32	0.00499999989		
k_RampUpRtLoSpd_UlspmS_f32	0.00499999989		
k_STTdEntryThresh_Kph_f32	255		
	255		
	0.00499999989		
k_STTdRampUpRate_UlspmS_f32	0.00499999989		
k_VehSpdThresh_Kph_f32	255		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	65535		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	4294967295		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_le	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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_0	Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_C	Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvcE	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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	$target_VehPwrMd_Per1_OperRampRate_Xp$	mS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	$target_VehPwrMd_Per1_OperRampValue_U$	ls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_U	lls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	$target_VehPwrMd_Per1_RampDwnStatusCo$	mplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	$target_VehPwrMd_Per1_STTdSelected_Cnt_$	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	$target_VehPwrMd_Per1_SrlComVehSpd_Kp$	h_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	$target_VehPwrMd_Per1_VehSpdValid_Cnt_I$	gc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	15		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	512		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	4294967295	4294967295	
ATerm_Cnt_M_lgc	1	1	
CTermlgnOffTimer_mS_M_u32	4294967295	4294967295	٠,
CTermlgnOnTimer_mS_M_u32	4294967295	4294967295	
	4294967295	4294967295	
	1	1	
	0	0	
·	1	1	
	1	1	•
	0.00499999989	0.00499999999 ± 0.015625	•

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



lame	Input Value		
TermTimer_mS_M_u32	0		
Term_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	0		
CermIgnOnTimer 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)			nsedTime
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		
_ATermTimeout_mS_u16	4000		
_CTermIgnOffTimeout_mS_u16	0		
_CTermIgnOnTimeout_mS_u16	0		
_CTermVehSpdInvalidTimeout_mS_u16	45		
RampDnRt UlspmS f32	0.001667		
	0.001667		
_RampUpRtLoSpd_UlspmS_f32 STTdEntryThresh_Knh_f32	10		
_STTdEntryThresh_Kph_f32			
_STTdExitThresh_Kph_f32 STTdRampDownRate UlspmS f32	0.001667		
	0.001667 0.001667		
_STTdRampUpRate_UlspmS_f32			
_VehSpdThresh_Kph_f32	8.5		
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_CurrentTir			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	•	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc	Dft_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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X		
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 RampDwnStatusComplete Cnt I			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt	t_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	oh_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	<u>lgc</u>	
arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EtatMT_Cnt_u08.value	2		
arget_VehPwrMd_Per1_MEC_Cnt_enum.value	2		
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.432300001		
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	16.7852993		
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
lame	Actual Value	Expected Value	Res
TermTimer mS M u32	3642147164	3642147164	
Term_Cnt_M_lgc	1	1	
TermIgnOffTimer mS M u32	3642147164	3642147164	
TermignOnTimer_mS_M_u32	3642147164	3642147164	
TermVehSpdInvalidTimer_mS_M_u32	3642147164 3642147164	3642147164	
	1	1	
CTerm_Cnt_M_lgc			
RampStatus_Cnt_M_u08	0	0	
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	0.001667	0.001667 ± 0.015625	



Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~	

Innut Value			
Input Value			
none			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_VehPwrMd			
3			
4000			
0			
0			
45			
0.001667			
0.001667			
10			
10			
0.001667			
0.001667			
8.5			
1			
se 45735			
Tir 4008042172			
target_VehPwrMd_Per1_ATermActive_Cnt_lgc			
target VehPwrMd Per1 CTermActive Cnt Igc			
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08			
target_VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc			
target_VehPwrMd_Per1_EngOn_Cnt_lgc			
target_VehPwrMd_Per1_EtatMT_Cnt_u08			
target_VehPwrMd_Per1_MEC_Cnt_enum			
target_VehPwrMd_Per1_OperRampRate_XpmS_f32			
target_VehPwrMd_Per1_OperRampValue_Uls_f32			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32			
letarget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32 target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc			
1			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc 1			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc 1 0			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc 1 0 0			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc 1 0 0 0			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc 1 0 0 0 5			
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc 1 0 0 0 5			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc 1 0 0 5 1 0.781099975			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc 1 0 0 0 5 1 0.781099975			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc 1 0 0 0 5 1 0.781099975 1			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc 1 0 0 0 5 1 0.781099975 1 0 272.995605 0			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc 1 0 0 0 0 5 1 0.781099975 1 0 272.995605 0 Actual Value Expected Value Res			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc 1 0 0 0 0 5 1 0.781099975 1 0 272.995605 0 Actual Value Expected Value Residue0408042172			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc 1 0 0 0 0 5 1 0.781099975 1 0 272.995605 0 Actual Value Expected Value Residue 4008042172 1			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc 1 0 0 0 0 5 1 0.781099975 1 0 272.995605 0 Actual Value Expected Value Residue 4008042172 4008042172 1 4008042172 4008042172			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc 1 0 0 0 0 5 1 0.781099975 1 0 272.995605 0 Actual Value Expected Value Residues 4008042172 4008042172 1 4008042172 4008042172 4008042172 4008042172			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc 1 0 0 0 0 5 1 0.781099975 1 0 272.995605 0 Actual Value Expected Value Residues 4008042172 4008042172 1 1 1 4008042172 4008042172 4008042172 4008042172 4008042172 4008042172			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc 1 0 0 0 0 5 1 0.781099975 1 0 272.995605 0 Actual Value			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc 1 0 0 0 0 5 1 0.781099975 1 0 272.995605 0 Actual Value Expected Value Residual Advance Adv			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc 1 0 0 0 0 5 1 0.781099975 1 0 272.995605 0 Actual Value			
ST			





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

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~

Test Step 2.5 (Repeat Count = 1) Name	Input Value			
	Input Value			
ATermTimer_mS_M_u32	*none*			
ATerm_Cnt_M_lgc	*none*			
CTermIgnOffTimer_mS_M_u32	*none*			
CTermIgnOnTimer_mS_M_u32	*none*			
CTermVehSpdInvalidTimer_mS_M_u32	*none*			
CTerm_Cnt_M_lgc	*none*			
RampStatus_Cnt_M_u08	*none*			
	target_Rte_Call_Ap_VehPwrMd_EpsE			
		mTime_DtrmnElapsedTime_mS_u16_Elap		
		mTime_GetSystemTime_mS_u32_Current	Time	
	target_Rte_Inst_Ap_VehPwrMd			
	1			
	4000			
	0			
	0			
	45			
	0.001667			
2 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.001667			
k_STTdEntryThresh_Kph_f32	10			
x_STTdExitThresh_Kph_f32	10			
	0.001667			
_ ,, _ , _	0.001667			
	8.5			
3-2	1			
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3475598396			
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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDa	aVld_Cnt_lgc		
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_I	lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_	u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_en	ium		
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_OutputRampl	Mult_Uls_f32		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_le	target_VehPwrMd_Per1_RampDwnSta	atusComplete_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected	d_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSp	pd_Kph_f32		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_	_Cnt_lgc		
arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1			
arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0			
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1			
	0			
0 =	2			
• = = = = =	0			
312 1 2 12 2 1 1 1 1 1	0.1708			
	1			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
	476.113403			
312 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1			
0 =	Actual Value	Expected Value	Resu	
		Expected Value	Resu	
	3475598396	3475598396		
	1	1		
	3475598396	3475598396		
	3475598396	3475598396		
	3475598396	3475598396		





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

Test Step Call Trace				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	-

Name	Input Value		
ATermTimer_mS_M_u32	*none*		
ATerm_Cnt_M_lgc	*none*		
CTermIgnOffTimer mS M u32	*none*		
CTermIgnOnTimer mS M u32	*none*		
CTermVehSpdInvalidTimer mS M u32	*none*		
CTerm_Cnt_M_lgc	*none*		
RampStatus Cnt M u08	*none*		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	GET signal	
Rte_Call_Ap_vehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)			imo
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target Rte Call Ap VehPwrMd SystemTime		
Rte Inst Ap VehPwrMd	target Rte Inst Ap VehPwrMd	e_GetSystemTime_mS_u32_GunentTime	
: -	4		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()			
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
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_I		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_l	-	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_0		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_0		
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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xp	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_L	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusCo	omplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	bh_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_l	lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	1		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	15		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.649900019		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_verif wrivid_Ferr_511d5elected_Crit_igc.value	000 070004		
	338.076904		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value Name		Expected Value	Resu
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value Name	1 Actual Value	•	Resu
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	Expected Value 3466324671	Resi

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

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	-



Test Step 2.7 (Repeat Count = 1) Name	Input Value		
ATermTimer_mS_M_u32	*none*		
ATerm_Cnt_M_lgc	*none*		
CTermIgnOffTimer_mS_M_u32	*none*		
CTermIgnOnTimer_mS_M_u32	*none*		
CTermVehSpdInvalidTimer_mS_M_u32	*none*		
CTerm_Cnt_M_lgc	*none*		
RampStatus_Cnt_M_u08	*none*		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	P_GET_signal	
$Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTin		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin	ne_GetSystemTime_mS_u32_Currer	tTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16 k CTermIgnOnTimeout mS u16	0		
k CTermVehSpdInvalidTimeout mS u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k RampUpRtLoSpd UlspmS f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
$target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elaps$			
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u33_CurrentT$			
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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_ target_VehPwrMd_Per1_EngONSrlComSvc		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngOn Cnt Igc	target Vehr wind_rer1_EngOn Cnt lgc	DICCIICIGE	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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	
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_IqUeller_RampDwnStatusComplete_Cnt_IqUeller_RampDwnStatusComplete_Cnt_IqUeller_RampDwnStatusComplete_Cnt_IqUeller_RampDwnStatusComplete_Cnt_IqUeller_RampDwnStatusComplete_Cnt_Iqueller_RampDwnStatusComplete_RampDwnStatusComplete_RampDwnStatusComplete_RampDwnStat$	target_VehPwrMd_Per1_RampDwnStatusC	omplete_Cnt_lgc	
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_DmdDelestDASts_Cnt_u08.value	1		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value target VehPwrMd Per1 EtatMT Cnt u08.value	8		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2		
target VehPwrMd Per1 OutputRampMult Uls f32.value	0.539300025		
target VehPwrMd Per1 RampDwnStatusComplete Cnt Igc.value	1		
target VehPwrMd Per1 STTdSelected Cnt Igc.value	1		
target VehPwrMd Per1 SrlComVehSpd Kph f32.value	98.0616989		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	28568033	28568033	
ATerm_Cnt_M_lgc	1	1	
CTermlgnOffTimer_mS_M_u32	28568033	28568033	•
CTermIgnOnTimer_mS_M_u32	28568033	28568033	•
CTermVehSpdInvalidTimer_mS_M_u32	28568033	28568033	
CTerm_Cnt_M_lgc	1	1	•
RampStatus_Cnt_M_u08	0	0	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
	1	1	
target_VehPwrMd_Per1_CTermActive_Cnt_Igc.value target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	

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



Fest Step 2.8 (Repeat Count = 1)	Input Value		
NTermTimer_mS_M_u32	*none*		
Norm_Cnt_M_lgc	*none*		
CTermIgnOffTimer mS M u32	*none*		
CTermIgnOnTimer mS M u32	*none*		
CTermVehSpdInvalidTimer_mS_M_u32	*none*		
CTerm_Cnt_M_lgc	*none*		
RampStatus Cnt M u08	*none*		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	GFT signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)			nsedTime
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		
x_ATermTimeout_mS_u16	4000		
 CTermIgnOffTimeout_mS_u16	0		
 C_CTermIgnOnTimeout_mS_u16	0		
CTermVehSpdInvalidTimeout_mS_u16	45		
RampDnRt UlspmS f32	0.001667		
RampUpRtLoSpd UlspmS f32	0.001667		
S STTdEntryThresh Kph f32	10		
STTdExitThresh Kph f32	10		
STTdRampDownRate UlspmS f32	0.001667		
STTdRampUpRate UlspmS f32	0.001667		
	8.5		
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
arget_Ne_dail_np_verif wind_zpach_dr_dz_r_signal arget_Rte_dail_np_verif wind_zpach_dr _dz_r_signal			
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_	lac	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target VehPwrMd Per1 CTermActive Cnt		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	•	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	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_I	_	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt I			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cni		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 SrlComVehSpd Kph f32	target VehPwrMd Per1 SrlComVehSpd Kp		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_	
arget VehPwrMd Per1 DmdDelestDASts Cnt u08.value	0	.0	
arget VehPwrMd Per1 DmdDelestDaVld Cnt lgc.value	0		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
arget VehPwrMd Per1 EngOn Cnt Igc.value	1		
arget VehPwrMd Per1 EtatMT Cnt u08.value	13		
arget VehPwrMd Per1 MEC Cnt enum.value	1		
arget VehPwrMd Per1 OutputRampMult Uls f32.value	0.813899994		
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
arget VehPwrMd Per1 SrlComVehSpd Kph f32.value	137.275803		
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Res
ATermTimer mS M u32	292469311	292469311	1163
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer mS M u32	292469311	292469311	
CTermIgnOnTimer_m5_M_u32	292469311	292469311	
·	292469311	292469311	
CTerm/VehSpdInvalidTimer_mS_M_u32	1	1	
CTerm_Cnt_M_lgc	1	1	
RampStatus_Cnt_M_u08	1 1	1	
arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value			
arget_VehPwrMd_Per1_CTermActive_Cnt_lgc.value arget_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	1	1	
ALLER VEHENMAN PER LUNGRESTERS TO VOLID	0.001667	0.001667 ± 0.015625	



Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~	
Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	•	

Test Step 2.9 (Repeat Count = 1)	Input Value		
ATermTimer_mS_M_u32	*none*		
ATerm Cnt M lgc	*none*		
CTermIgnOffTimer mS M u32			
v	*none*		
CTermIgnOnTimer_mS_M_u32	*none*		
CTermVehSpdInvalidTimer_mS_M_u32	*none*		
CTerm_Cnt_M_lgc	*none*		
RampStatus_Cnt_M_u08	*none*		
	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP		
	target_Rte_Call_Ap_VehPwrMd_SystemTim		ne
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		
: ;	2		
_ATermTimeout_mS_u16	4000		
_CTermIgnOffTimeout_mS_u16	0		
_CTermIgnOnTimeout_mS_u16	0		
_CTermVehSpdInvalidTimeout_mS_u16	45		
_RampDnRt_UlspmS_f32	0.001667		
_RampUpRtLoSpd_UlspmS_f32	0.001667		
_STTdEntryThresh_Kph_f32	10		
STTdExitThresh_Kph_f32	10		
	0.001667		
STTdRampUpRate UlspmS f32	0.001667		
VehSpdThresh_Kph_f32	8.5		
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_CurrentTir			
	target_VehPwrMd_Per1_ATermActive_Cnt_	lac	
	target_VehPwrMd_Per1_CTermActive_Cnt_	•	
	target_VehPwrMd_Per1_DmdDelestDASts_		
	target_VehPwrMd_Per1_DmdDelestDaVld_		
	target_VehPwrMd_Per1_EngONSrlComSvc	Dit_Crit_igc	
	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
	target_VehPwrMd_Per1_MEC_Cnt_enum		
	target_VehPwrMd_Per1_OperRampRate_X		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	Jls_f32	
	target_VehPwrMd_Per1_OutputRampMult_t		
	target_VehPwrMd_Per1_RampDwnStatusCo		
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_Kp	oh_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	$target_VehPwrMd_Per1_VehSpdValid_Cnt_$	lgc	
arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1		
arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0		
arget_VehPwrMd_Per1_EtatMT_Cnt_u08.value	6		
	2		
0	1		
0 =	1		
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	125.8424		
	0		
		Francisco Value	-
	Actual Value	Expected Value	Res
	4206883186	4206883186	
	1	1	
TermIgnOffTimer_mS_M_u32	4206883186	4206883186	
CTermIgnOnTimer_mS_M_u32	4206883186	4206883186	
	4206883186	4206883186	
CTermVehSpdInvalidTimer_mS_M_u32			
	1	1	
CTerm_Cnt_M_lgc		1 3	
CTerm_Cnt_M_lgc RampStatus_Cnt_M_u08	1		

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

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~	
Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	~	

Name	Input Value		
ATermTimer mS M u32	*none*		
ATerm_Cnt_M_lgc	*none*		
CTermIgnOffTimer_mS_M_u32	*none*		
CTermIgnOnTimer mS M u32	*none*		
CTermVehSpdInvalidTimer_mS_M_u32	*none*		
CTerm Cnt M lgc	*none*		
RampStatus_Cnt_M_u08	*none*		
Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target Rte Call Ap VehPwrMd EpsEn OP	GET signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		•	e
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	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k CTermIgnOnTimeout mS u16	0		
k CTermVehSpdInvalidTimeout mS u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k STTdEntryThresh Kph f32	10		
k STTdExitThresh Kph f32	10		
k STTdRampDownRate UlspmS f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k VehSpdThresh Kph f32	8.5		
	0.5		
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		I	
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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_0		
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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xp		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_L		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_U		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l		. – – .	
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_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	1		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.910600007		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	59.2088013		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	3501350855	3501350855	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	3501350855	3501350855	٠,
CTermIgnOnTimer mS M u32	3501350855	3501350855	
CTermVehSpdInvalidTimer_mS_M_u32	3501350855	3501350855	
	1	1	1 '

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

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

Fest Step 2.11 (Repeat Count = 1)	Input Value		
	none		
0	*none*		
v = = =	*none*		
9	*none*		
	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP		
		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()	1		
_ATermTimeout_mS_u16	4000		
_CTermIgnOffTimeout_mS_u16	0		
CTermIgnOnTimeout_mS_u16	0		
c_CTermVehSpdInvalidTimeout_mS_u16	45		
r_RampDnRt_UlspmS_f32	0.001667		
_RampUpRtLoSpd_UlspmS_f32	0.001667		
	10		
	10		
STTdRampDownRate UlspmS f32	0.001667		
	0.001667		
	8.5		
	1		
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
	4094989438		
	target_VehPwrMd_Per1_ATermActive_Cnt_l	ac	
	target VehPwrMd Per1 CTermActive Cnt		
	target_VehPwrMd_Per1_DmdDelestDASts_0	•	
	target_VehPwrMd_Per1_DmdDelestDaVld_0		
	target_VehPwrMd_Per1_EngONSrlComSvcI		
	target VehPwrMd Per1 EngOn Cnt lgc	on_on_ge	
	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
	target_VehPwrMd_Per1_MEC_Cnt_enum	C #22	
	target_VehPwrMd_Per1_OperRampRate_Xp		
	target_VehPwrMd_Per1_OperRampValue_L	_	
	target_VehPwrMd_Per1_OutputRampMult_U		
	target_VehPwrMd_Per1_RampDwnStatusCo		
	target_VehPwrMd_Per1_STTdSelected_Cnt	-	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	h_f32	
	target_VehPwrMd_Per1_VehSpdValid_Cnt_	gc	
	1		
arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EtatMT_Cnt_u08.value	0		
arget_VehPwrMd_Per1_MEC_Cnt_enum.value	2		
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.828499973		
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
	0		
0 =	32.7486		
0 =	1		
	Actual Value	Expected Value	Res
	4094989438	4094989438	
1 1 2 2 2 1	1	1	

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Name	Actual Value	Expected Value	Result
CTermIgnOnTimer_mS_M_u32	4094989438	4094989438	✓
CTermVehSpdInvalidTimer_mS_M_u32	4094989438	4094989438	~
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	0	0	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target VehPwrMd Per1 OperRampValue Uls f32.value	0	0 ± 0.00006103515625	✓

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



Test Step 2.12 (Repeat Count = 1)			•
Name	Input Value		
ATermTimer_mS_M_u32	*none*		
ATerm_Cnt_M_lgc	*none*		
CTermIgnOffTimer_mS_M_u32	*none*		
CTermIgnOnTimer_mS_M_u32	*none*		
CTermVehSpdInvalidTimer_mS_M_u32	*none*		
CTerm_Cnt_M_lgc	*none*		
RampStatus_Cnt_M_u08	*none*		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)			
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	ne_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	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
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_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_	<u>lgc</u>	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_	Cnt_lgc	
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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X		
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	
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_Inst_RampDwnStatusCompl$	target_VehPwrMd_Per1_RampDwnStatusC	omplete_Cnt_lgc	
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_	lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	15		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.380499989		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	318.524597		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	4094989438	4094989438	
ATerm_Cnt_M_lgc	0	0	
CTermlgnOffTimer_mS_M_u32	3352629893	3352629893	
CTermIgnOnTimer_mS_M_u32	3352629893	3352629893	
CTermVehSpdInvalidTimer_mS_M_u32	4094989438	4094989438	
CTerm_Cnt_M_lgc	0	0	
RampStatus Cnt M u08	0	0	
target VehPwrMd Per1 ATermActive Cnt Igc.value	0	0	
target VehPwrMd Per1 CTermActive Cnt Igc.value	0	0	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	
target_verii wiiwa_i eri_operitariipitate xpino ioz.vaide			



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	2	Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	2	✓

Name	Input Value		
ATermTimer_mS_M_u32	*none*		
ATerm_Cnt_M_lgc	*none*		
CTermlgnOffTimer_mS_M_u32	*none*		
CTermIgnOnTimer_mS_M_u32	*none*		
CTermVehSpdInvalidTimer mS M u32	*none*		
CTerm_Cnt_M_lgc	*none*		
RampStatus Cnt M u08	*none*		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	P GET signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)			Time
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()	3		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k CTermIgnOnTimeout mS u16	0		
k CTermVehSpdInvalidTimeout mS u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k RampUpRtLoSpd UlspmS f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k STTdExitThresh Kph f32	10		
k STTdRampDownRate UlspmS f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target Rte Call Ap VehPwrMd EpsEn OP GET signal	1		
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse			
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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvd		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngOn Cnt Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	BIL_OII_IGC	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	nmS f32	
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampValue Uls f32	target_VehPwrMd_Per1_OperRampValue_l		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OutputRampMult Uls f32	target_VehPwrMd_Per1_OutputRampMult_	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_I			
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 STTdSelected Cnt Igc	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 DmdDelestDASts Cnt u08.value	1	-190	
target VehPwrMd Per1 DmdDelestDaVld Cnt Igc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target VehPwrMd Per1 EngOn Cnt Igc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_gc.value	7		
target_venPwrMd_Per1_Etativi1_Cnt_uo8.value target_VehPwrMd_Per1_MEC_Cnt_enum.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.962199986		
target_venPwrMd_Per1_OutputRampMuit_Ois_i32.value target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0.962199966		
· · · · ·	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	395.032501		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	0		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value		Europe at and Walture	l Da
Name	Actual Value	Expected Value	Resi
ATermTimer_mS_M_u32	1626611470	1626611470	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	1626611470	1626611470	
CTermIgnOnTimer_mS_M_u32	1626611470	1626611470	
CTermVehSpdInvalidTimer_mS_M_u32	1626611470	1626611470	
CTerm_Cnt_M_lgc	1	1	
	0 1	0	





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

Test Step Call Trace				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	~

Name	Input Value		
ATermTimer_mS_M_u32	*none*		
ATerm_Cnt_M_lgc	*none*		
CTermIgnOffTimer_mS_M_u32	*none*		
CTermIgnOnTimer_mS_M_u32	*none*		
CTermVehSpdInvalidTimer_mS_M_u32	*none*		
CTerm_Cnt_M_lgc	*none*		
RampStatus_Cnt_M_u08	*none*		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_C	P_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTi	me_DtrmnElapsedTime_mS_u16_Elapse	edTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTi	me_GetSystemTime_mS_u32_CurrentTi	ime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cn		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cn		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSv	CDft_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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	VnmC 400	
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_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OperRampValue_ target_VehPwrMd_Per1_OutputRampMult		
target_Rte_Inst_Ap_verir wind.verir wind_reri_Output\aniphitit_Ois_i32 target_Rte_Inst_Ap_verir wind.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_li_			
target_Rte_Inst_Ap_vehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_C		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_l		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cn		
target VehPwrMd Per1 DmdDelestDASts Cnt u08.value	0	<u>`_'9`</u>	
target VehPwrMd Per1 DmdDelestDaVld Cnt Igc.value	0		
target_Vehr wind_ren_bindbeissbavid_cht_gc.value target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target VehPwrMd Per1 EtatMT Cnt u08.value	6		
target VehPwrMd Per1 MEC Cnt enum.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.528199971		
target VehPwrMd Per1 RampDwnStatusComplete Cnt lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	8.05480003		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Res
ATermTimer_mS_M_u32	190677674	190677674	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer mS M u32	1626611470	1626611470	
CTermIgnOnTimer_mS_M_u32	190677674	190677674	





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

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

Test Step 2.15 (Repeat Count = 1)	<u> </u>
Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k STTdExitThresh Kph f32	10
k STTdRampDownRate UlspmS f32	0.001667
k STTdRampUpRate UlspmS f32	0.001667
k VehSpdThresh Kph f32	8.5
target Rte Call Ap VehPwrMd EpsEn OP GET signal	0
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	7668
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	113691667
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 ATermActive Cnt Igc	target VehPwrMd Per1 ATermActive Cnt Igc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDASts Cnt u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDaVld Cnt Igc	target VehPwrMd Per1 DmdDelestDaVld Cnt Igc
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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampValue Uls f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt I	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 SrlComVehSpd Kph f32	target VehPwrMd Per1 SrlComVehSpd Kph f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target VehPwrMd Per1 DmdDelestDaVld Cnt Igc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target VehPwrMd Per1 EtatMT Cnt u08.value	13
target VehPwrMd Per1 MEC Cnt enum.value	1
target VehPwrMd Per1 OutputRampMult Uls f32.value	0.213300005
target VehPwrMd Per1 RampDwnStatusComplete Cnt Igc.value	1
target VehPwrMd Per1 STTdSelected Cnt lqc.value	0
target_VehPwrMd_Per1_Sr1ComVehSpd_Kph_f32.value	5.78539991
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1
Name	
	·
ATermTimer_mS_M_u32	190677674 190677674

target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value

target_VehPwrMd_Per1_OperRampValue_Uls_f32.value

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0.001667 ± 0.015625

0 ± 0.00006103515625

VehPwrMd_Per1			azoncat
Name	Actual Value	Expected Value	Result
ATerm_Cnt_M_lgc	0	0	✓
CTermIgnOffTimer_mS_M_u32	113691667	113691667	~
CTermIgnOnTimer_mS_M_u32	113691667	113691667	✓
CTermVehSpdInvalidTimer_mS_M_u32	113691667	113691667	✓
CTerm_Cnt_M_lgc	0	0	✓
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✓
RampStatus_Cnt_M_u08 target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0 0 0	

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

0.001667

0

ame	Input Value
FermTimer_mS_M_u32	*none*
Ferm_Cnt_M_lgc	*none*
FermIgnOffTimer_mS_M_u32	*none*
ermignOnTimer_mS_M_u32	*none*
ermignorrimer_ms_w_us2	*none*
	none
erm_Cnt_M_lgc	*none*
mpStatus_Cnt_M_u08	
e_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	
Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
_Mode_Ap_VehPwrMd_SystemState_Mode()	3
TermTimeout_mS_u16	4000
TermIgnOffTimeout_mS_u16	0
TermIgnOnTimeout_mS_u16	0
TermVehSpdInvalidTimeout_mS_u16	45
RampDnRt_UlspmS_f32	0.001667
RampUpRtLoSpd_UlspmS_f32	0.001667
STTdEntryThresh_Kph_f32	10
STTdExitThresh_Kph_f32	10
TTdRampDownRate_UlspmS_f32	0.001667
TTdRampUpRate_UlspmS_f32	0.001667
/ehSpdThresh_Kph_f32	8.5
get_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
get_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	8371
get_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	1885700879
get_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
get_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
get_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
get_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
pet_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
get Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngOn Cnt Igc	target_VehPwrMd_Per1_EngOn_Cnt_Igc
pet_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
get Rte Inst Ap VehPwrMd.VehPwrMd Per1 MEC Cnt enum	target VehPwrMd Per1 MEC Cnt enum
get_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
get Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampValue Uls f32	target VehPwrMd Per1 OperRampValue Uls f32
et_Rte_Inst_Ap_vehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
pet_Rte_Inst_Ap_vehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_I	
pet_Rte_Inst_Ap_verir wind.verir wind_r eri_rtalipbwirstatuscomplete_cric_i pet_Rte_Inst_Ap_vehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
get Rte Inst Ap VehPwrMd.VehPwrMd Per1 SrlComVehSpd Kph f32	
	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
get_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
get_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
pet_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
get_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	
pet_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
get_VehPwrMd_Per1_EtatMT_Cnt_u08.value	0
get_VehPwrMd_Per1_MEC_Cnt_enum.value	2
get_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.859700024
get_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
get_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1

VehPwrMd_Per1



Name	Input Value		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	6.55870008		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1885700879	1885700879	~
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	1885700879	1885700879	~
CTermIgnOnTimer_mS_M_u32	1885700879	1885700879	✓
CTermVehSpdInvalidTimer_mS_M_u32	1885700879	1885700879	✓
CTerm_Cnt_M_lgc	0	0	✓
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	

Test Step Call Trace				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	~

Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm Cnt M lgc	*none*
CTermIgnOffTimer mS M u32	*none*
CTermIgnOnTimer_m3_M_u32	*none*
•	*none*
CTermVehSpdInvalidTimer_mS_M_u32	
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	
Rte_Call_Ap_VehPwrMd_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	4000
c_CTermIgnOffTimeout_mS_u16	0
c_CTermIgnOnTimeout_mS_u16	0
c_CTermVehSpdInvalidTimeout_mS_u16	45
<_RampDnRt_UlspmS_f32	0.001667
c_RampUpRtLoSpd_UlspmS_f32	0.001667
x_STTdEntryThresh_Kph_f32	10
c_STTdExitThresh_Kph_f32	10
c_STTdRampDownRate_UlspmS_f32	0.001667
c_STTdRampUpRate_UlspmS_f32	0.001667
c_VehSpdThresh_Kph_f32	8.5
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	45532
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	3788028335
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
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_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
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_RampDwnStatusComplete_Cnt_I	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
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_Kph_f32
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
arget VehPwrMd Per1 EngOn Cnt Igc.value	1
arget_VehPwrMd_Per1_EtatMT_Cnt_u08.value	2
arget_VehPwrMd_Per1_MEC_Cnt_enum.value	0

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Name	Input Value		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	109.279297		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3788028335	3788028335	~
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	3788028335	3788028335	✓
CTermIgnOnTimer_mS_M_u32	3788028335	3788028335	✓
CTermVehSpdInvalidTimer_mS_M_u32	3788028335	3788028335	~
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	1	1	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	•
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	•

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	•

lame	Input Value
NTermTimer_mS_M_u32	*none*
Nerm_Cnt_M_lgc	*none*
CTermIgnOffTimer mS M u32	*none*
CTermIgnOnTimer_m3_M_u32	*none*
CTermVehSpdInvalidTimer mS M u32	*none*
CTerm Cnt M lgc	*none*
RampStatus Cnt M u08	*none*
Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target Rte Call Ap VehPwrMd EpsEn OP GET signal
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16(ElapsedTime)	
tte_Call_Ap_VehPwrMd_SystemTime_DttfffillapsedTime_in3_dTo(LiapsedTime) tte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTime
Rte_lnst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
kte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
_ATermTimeout_mS_u16	4000
: CTermIgnOffTimeout mS u16	0
CTermignOnTimeout_ms_u16	0
CTermVehSpdInvalidTimeout mS u16	45
_CTermvenspanivalid imeout_nis_u16 _RampDnRt_UlspmS_f32	0.001667
RampUpRtLoSpd UlspmS f32	0.001667
STTdEntryThresh Kph f32	10
STTdExitThresh Kph f32	10
STTdRampDownRate UlspmS f32	0.001667
STTdRampUpRate UlspmS f32	0.001667
_ , , _ , _	8.5
_VehSpdThresh_Kph_f32	0.5
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_CurrentTin	
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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc
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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
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_UIs_f32
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_I	
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_DmdDelestDASts_Cnt_u08.value	1
arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0



 Name
 Input Value

 target_VehPwrMd_Per1_EngOn_Cnt_lgc.value
 0

 target_VehPwrMd_Per1_EtatMT_Cnt_u08.value
 8

 target_VehPwrMd_Per1_MEC_Cnt_enum.value
 1

 target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value
 1

 target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value
 0

 target_VehPwrMd_Per1_STTGSelected_Cnt_lgc.value
 0

 target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value
 444.638397

 target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value
 1

target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2081359866	2081359866	~
ATerm_Cnt_M_lgc	1	1	~
CTermIgnOffTimer_mS_M_u32	2081359866	2081359866	~
CTermIgnOnTimer_mS_M_u32	2081359866	2081359866	~
CTermVehSpdInvalidTimer_mS_M_u32	2081359866	2081359866	~
CTerm_Cnt_M_lgc	1	1	•
RampStatus_Cnt_M_u08	1	1	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	~

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

Test Step 2.19 (Repeat Count = 1)	<u> </u>
Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
$target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu16_E$	52135
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u33_CurrentT$	2504668722
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_IqUeller_RampDwnStatusComplete_Cnt_IqUeller_RampDwnStatusComplete_Cnt_IqUeller_RampDwnStatusComplete_Cnt_Iqueller_RampDwnStatusComplete_RampDwnStatusComplete_RampDwnStatusComplete_RampDwnStat$	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc





Name	Input Value		
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	10		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.595399976		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	281.686615		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2504668722	2504668722	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	2504668722	2504668722	✓
CTermIgnOnTimer_mS_M_u32	2504668722	2504668722	✓
CTermVehSpdInvalidTimer_mS_M_u32	2504668722	2504668722	✓
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	•

Test Step 2.20 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermlgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
<_CTermVehSpdInvalidTimeout_mS_u16	45
c_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
<_VehSpdThresh_Kph_f32	8.5
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	11174
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	2813813482
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDASts Cnt u08	target VehPwrMd Per1 DmdDelestDASts Cnt u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngOn Cnt Igc	target VehPwrMd Per1 EngOn Cnt Igc
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 EtatMT Cnt u08	target VehPwrMd Per1 EtatMT Cnt u08
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 MEC Cnt enum	target VehPwrMd Per1 MEC Cnt enum
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampRate XpmS f32	target VehPwrMd Per1 OperRampRate XpmS f32
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampValue Uls f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt I	



Name	Input Value		
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_lgc	target_VehPwrMd_Per1_VehSpo	dValid_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	10		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.111500002		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	383.769806		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2813813482	2813813482	-
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	2813813482	2813813482	-
CTermIgnOnTimer_mS_M_u32	2813813482	2813813482	✓
CTermVehSpdInvalidTimer_mS_M_u32	2504668722	2504668722	•
CTerm_Cnt_M_lgc	0	0	✓
RampStatus_Cnt_M_u08	0	0	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	•
target VehPwrMd Per1 OperRampValue Uls f32.value	0	0 ± 0.00006103515625	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	•
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	✓

Test Step 2.21 (Repeat Count = 1)	✓
Name	Input Value
ATermTimer mS M u32	*none*
ATerm Cnt M lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
$target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elaps$	53926
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u332_CurrentTi$	813663954
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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum





Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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	
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_Iequilibrium (Complete_Cnt_Iequilibrium (Complete_Cnt_Iequi$	target_VehPwrMd_Per1_RampDwnStatusCo	omplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	h_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_I	gc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	14		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.713500023		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	309.811493		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2813813482	2813813482	~
ATerm_Cnt_M_lgc	0	0	✓
CTermIgnOffTimer_mS_M_u32	813663954	813663954	~
CTermIgnOnTimer_mS_M_u32	813663954	813663954	✓
CTermVehSpdInvalidTimer_mS_M_u32	813663954	813663954	✓
CTerm_Cnt_M_lgc	0	0	✓
RampStatus_Cnt_M_u08	0	0	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	•
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	✓

Test Step 2.22 (Repeat Count = 1)	
Name	Input Value
ATermTimer mS M u32	*none*
ATerm Cnt M lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k_CTermIgnOffTimeout_mS_u16	0
k_CTermIgnOnTimeout_mS_u16	0
k_CTermVehSpdInvalidTimeout_mS_u16	45
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	0.001667
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
$target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elaps$	49631
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u33_CurrentT$	1120060580
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08$	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc





Name	Input Value		
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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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_RampDwnStatusComplete_Cnt_le	target_VehPwrMd_Per1_RampDwnStatusCo	omplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	h_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.461800009		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	186.990799		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1120060580	1120060580	✓
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	1120060580	1120060580	✓
CTermIgnOnTimer_mS_M_u32	1120060580	1120060580	✓
CTermVehSpdInvalidTimer_mS_M_u32	1120060580	1120060580	✓
CTerm_Cnt_M_lgc	1	1	•
RampStatus_Cnt_M_u08	1	1	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	

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

Test Step 2.23 (Repeat Count = 1)		
Name	Input Value	
ATermTimer_mS_M_u32	*none*	
ATerm_Cnt_M_lgc	*none*	
CTermIgnOffTimer_mS_M_u32	*none*	
CTermIgnOnTimer_mS_M_u32	*none*	
CTermVehSpdInvalidTimer_mS_M_u32	*none*	
CTerm_Cnt_M_lgc	*none*	
RampStatus_Cnt_M_u08	*none*	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
$Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)$	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2	
k_ATermTimeout_mS_u16	4000	
k_CTermIgnOffTimeout_mS_u16	0	
k_CTermIgnOnTimeout_mS_u16	0	
k_CTermVehSpdInvalidTimeout_mS_u16	45	
k_RampDnRt_UlspmS_f32	0.001667	
k_RampUpRtLoSpd_UlspmS_f32	0.001667	
k_STTdEntryThresh_Kph_f32	10	
k_STTdExitThresh_Kph_f32	10	
k_STTdRampDownRate_UlspmS_f32	0.001667	
k_STTdRampUpRate_UlspmS_f32	0.001667	
k_VehSpdThresh_Kph_f32	8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	57816	
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u332_CurrentTime$	1164882538	
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_Cnt_le	gc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_0	Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_C	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcD	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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xp	mS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	ls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_U	ls_f32	
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_Iquered and the property of the property$	target_VehPwrMd_Per1_RampDwnStatusCo	mplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kpl	h_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_l	gc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	3		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.173199996		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	415.704498		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1164882538	1164882538	~
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	1164882538	1164882538	✓
CTermIgnOnTimer_mS_M_u32	1164882538	1164882538	✓
CTermVehSpdInvalidTimer_mS_M_u32	1164882538	1164882538	✓
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	1	1	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	~

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

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





Name	Input Value			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	40671			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_ms_u32_CurrentTim	964503997			
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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_	Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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		
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_Inst_RampDwnStatusCompl$	target_VehPwrMd_Per1_RampDwnStatusC	omplete_Cnt_lgc		
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_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc		
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1			
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	1			
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2	2		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.894800007			
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	0			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	964503997	964503997	~	
ATerm_Cnt_M_lgc	1	1	~	
CTermlgnOffTimer_mS_M_u32	964503997	964503997	~	
CTermIgnOnTimer_mS_M_u32	964503997	964503997	~	
CTermVehSpdInvalidTimer_mS_M_u32	1164882538	1164882538	~	
CTerm_Cnt_M_lgc	0	0	~	
RampStatus_Cnt_M_u08	0	0	~	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	~	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625		

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	✓

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





Name	Input Value		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_l	Elapse 50548		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Cur	entTir 1247814644		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u0	8	
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc$	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	;	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_	lgc target_VehPwrMd_Per1_EngONSrlComSvcDft_Cn	t_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f3	32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32		
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Inst_Ap_VehPwrMd_Per1_RampDwnDwnStatusComplete_Inst_Ap_VehPwrMd_Per1_RampDwnDwn$	Cnt_le target_VehPwrMd_Per1_RampDwnStatusComplete	e_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	2		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.291599989		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	512		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value Expe	ected Value	Resul
ATermTimer mS M u32	1247814644 1247	814644	
ATerm_Cnt_M_lgc	1 1		
CTermIgnOffTimer mS M u32	1247814644 1247	814644	
CTermIgnOnTimer_mS_M_u32		814644	
CTermVehSpdInvalidTimer_mS_M_u32	1247814644 1247	814644	
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		1667 ± 0.015625	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value		.00006103515625	

Test Step Call Trace				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	~

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





Name	Input Value		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elaps	e 28243		
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u33_CurrentT$	ir 2300046439		
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_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_	<u>lgc</u>	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_0	Cnt_lgc	
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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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_U	Jls_f32	
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_$	target_VehPwrMd_Per1_RampDwnStatusCo	omplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	ph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	<u>lgc</u>	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.93779999		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	7.95419979		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2300046439	2300046439	~
ATerm_Cnt_M_lgc	1	1	~
CTermIgnOffTimer_mS_M_u32	2300046439	2300046439	✓
CTermIgnOnTimer_mS_M_u32	2300046439	2300046439	✓
CTermVehSpdInvalidTimer_mS_M_u32	1247814644	1247814644	~
CTerm_Cnt_M_lgc	0	0	~
RampStatus_Cnt_M_u08	0	0	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✓

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	✓

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





Name	Input Value		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k RampDnRt UlspmS f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k STTdEntryThresh Kph f32	10		
k STTdExitThresh Kph f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k STTdRampUpRate UlspmS f32	0.001667		
k VehSpdThresh Kph f32	8.5		
target Rte Call Ap VehPwrMd EpsEn OP GET signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elaps			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Current1			
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_DmdDelestDASts_Cnt_u08	target VehPwrMd Per1 DmdDelestDASts Cnt u08	1	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc	target_Vehr whid_ren_DindbelestDASts_Cit_doc target_Vehrwind_Per1_DmdDelestDaVld_Cnt_lgc	,	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_Vehr whita_ren_EngONSrlComSvcDft_Cnt_	lac	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	_igc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08 target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_EtatMT_Cnt_u08 target_VehPwrMd_Per1_MEC_Cnt_enum		
· ·		.	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32	2	
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	0.4.1	
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt			
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_DmdDelestDASts_Cnt_u08.value	1		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	11		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.243900001		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	94.3776016		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value Expe	cted Value	Resu
ATermTimer_mS_M_u32	136781562 13678	1562	•
ATerm_Cnt_M_lgc	1 1		
CTermIgnOffTimer_mS_M_u32	136781562 13678	1562	
CTermIgnOnTimer_mS_M_u32	136781562 13678	1562	
CTermVehSpdInvalidTimer_mS_M_u32	136781562 13678	1562	
CTerm_Cnt_M_lgc	0 0		
RampStatus_Cnt_M_u08	0 0		
target VehPwrMd Per1 ATermActive Cnt lgc.value	1 1		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1 1		
target VehPwrMd Per1 OperRampRate XpmS f32.value		667 ± 0.015625	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value		00006103515625	

Test Step Call Trace				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 An VehPwrMd SystemTime GetSystemTime mS u32	1	Rte Call An VehPwrMd SystemTime GetSystemTime mS µ32	1	

Test Step 2.28 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
$Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_$) target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime





Name	Input Value		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k CTermVehSpdInvalidTimeout mS u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k STTdExitThresh Kph f32	10		
k STTdRampDownRate UlspmS f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target Rte Call Ap VehPwrMd EpsEn OP GET signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapsed	e 48884		
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 Current			
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 DmdDelestDASts Cnt u08	target_VehPwrMd_Per1_DmdDelestDASts_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_Igc	target VehPwrMd Per1 DmdDelestDaVld		
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 Igc	0	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	omS f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_L		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt			
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_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0	. •	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0967999995		
target VehPwrMd Per1 RampDwnStatusComplete Cnt lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target VehPwrMd Per1 SrlComVehSpd Kph f32.value	16.7835007		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4203692120	4203692120	- 100 and
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer mS M u32	4203692120	4203692120	
CTermIgnOnTimer_mS_M_u32	4203692120	4203692120	_
CTermVehSpdInvalidTimer mS M u32	4203692120	4203692120	
CTerm Cnt M lgc	1	1	
RampStatus Cnt M u08	0	0	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	-
target VehPwrMd Per1 CTermActive Cnt Igc.value	1	1	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	
		5.551001 ± 0.010020	

Test Step Call Trace			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	~

Test Step 2.29 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermIgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*
CTermVehSpdInvalidTimer_mS_M_u32	*none*
CTerm_Cnt_M_lgc	*none*
RampStatus_Cnt_M_u08	*none*





Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal) Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime) Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime) Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Inst_Ap_VehPwrMd Rte_Mode_Ap_VehPwrMd_SystemState_Mode() k_ATermTimeout_mS_u16 k_CTermIgnOnTimeout_mS_u16 Input Value Rtaget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal Rtarget_Rte_Call_Ap_VehPwrMd_SystemTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u32(CurrentTime) Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime Rte_Inst_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime) Rte_Inst_Ap_VehPwrMd_SystemState_Mode() Rte_Mode_Ap_VehPwrMd_SystemState_Mode() Rte_Inst_Ap_VehPwrMd_SystemState_Mode() Rte_Inst_Ap_VehPwrMd_SystemState_Node() Rte_Inst_Ap_VehPwrMd_SystemState_Node() Rte_Inst_Ap_VehPwrMd_SystemState_Node() Rte_Inst_Ap_VehPwrMd_SystemState_Node() Rte_Inst_Ap_VehPwrMd_SystemState_Node() Rte_Inst_Ap_VehPwrMd_SystemState_Node() Rte_Inst_Ap_VehPwrMd_SystemState_Node() Rte_Inst_Ap_VehPwrMd_SystemState_Node() Rte_Inst_Ap_VehPwrMd_SystemState_Node()	
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 Rte_Mode_Ap_VehPwrMd_SystemState_Mode() k_ATermTimeout_mS_u16 k_CTermIgnOnTimeout_mS_u16 0 target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTim	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Inst_Ap_VehPwrMd Rte_Mode_Ap_VehPwrMd_SystemState_Mode() k_ATermTimeout_mS_u16 k_CTermIgnOnTimeout_mS_u16 k_CTermIgnOnTimeout_mS_u16 column{2} target_Rte_Call_Ap_VehPwrMd SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehPwrMd 4000 4000 column{2} 0 0 0 0 0 0 0 0 0 0 0 0 0	
Rte_Inst_Ap_VehPwrMd target_Rte_Inst_Ap_VehPwrMd Rte_Mode_Ap_VehPwrMd_SystemState_Mode() 0 k_ATermTimeout_mS_u16 4000 k_CTermIgnOffTimeout_mS_u16 0 k_CTermIgnOnTimeout_mS_u16 0	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode() 0 k_ATermTimeout_mS_u16 4000 k_CTermIgnOffTimeout_mS_u16 0 k_CTermIgnOnTimeout_mS_u16 0	
k_ATermTimeout_mS_u16 4000 k_CTermIgnOffTimeout_mS_u16 0 k_CTermIgnOnTimeout_mS_u16 0	
k_CTermIgnOnTimeout_mS_u16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
k_CTermIgnOnTimeout_mS_u16 0	
k_CTermVehSpdInvalidTimeout_mS_u16 45	
k_RampDnRt_UlspmS_f32 0.001667	
k_RampUpRtLoSpd_UlspmS_f32 0.001667	
k_STTdEntryThresh_Kph_f32 10	
k_STTdExitThresh_Kph_f32	
k_STTdRampDownRate_UlspmS_f32 0.001667	
k_STTdRampUpRate_UlspmS_f32 0.001667	
k_VehSpdThresh_Kph_f32 8.5	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal 0	
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse 31154	
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir 336996123	
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_ATermActive_Cnt_lgc target_VehPwrMd_Per1_ATermActive_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc target_VehPwrMd_Per1_CTermActive_Cnt_Igc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08 target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_Igc target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_Igc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc target_VehPwrMd_Per1_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08 target_VehPwrMd_Per1_EtatMT_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum target_VehPwrMd_Per1_MEC_Cnt_enum	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32 target_VehPwrMd_Per1_OperRampRate_XpmS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32 target_VehPwrMd_Per1_OperRampValue_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32 target_VehPwrMd_Per1_OutputRampMult_Uls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_litarget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_ligc	
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_Igc target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value 1	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value 1	
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value 1	
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value 1	
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value 4	
target_VehPwrMd_Per1_MEC_Cnt_enum.value 2	
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value 0.378199995	
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value 0	
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value 1	
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value 156.3349	
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 1	
Name Actual Value Expected Value	Result
ATermTimer_mS_M_u32 336996123 336996123	~
ATerm_Cnt_M_lgc 1	~
CTermIgnOffTimer_mS_M_u32 336996123 336996123	~
CTermIgnOnTimer_mS_M_u32 336996123 336996123	~
CTermVehSpdInvalidTimer_mS_M_u32 336996123 336996123	~
CTerm_Cnt_M_lgc 1	✓
RampStatus_Cnt_M_u08 0	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1	~
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value 1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value 0.001667 0.001667 0.001667	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value 0 0 ± 0.00006103515625	~

Test Step Call Trace				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 An VehPwrMd SystemTime GetSystemTime mS u32	1	Rte Call An VehPwrMd SystemTime GetSystemTime mS u32	1	-

Test Step 2.30 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	*none*
ATerm_Cnt_M_lgc	*none*
CTermlgnOffTimer_mS_M_u32	*none*
CTermIgnOnTimer_mS_M_u32	*none*





Name	Input Value		
CTermVehSpdInvalidTimer_mS_M_u32	*none*		
CTerm_Cnt_M_lgc	*none*		
RampStatus_Cnt_M_u08	*none*		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_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()	1		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
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_l		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	•	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_0		
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_(
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcI target_VehPwrMd_Per1_EngOn_Cnt_lgc	on_ent_ige	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32			
target 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_L		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt I			
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_DmdDelestDASts_Cnt_u08.value	0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	10		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.352600008		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	110.685501		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1009078336	1009078336	~
ATerm_Cnt_M_lgc	1	1	~
CTermIgnOffTimer_mS_M_u32	1009078336	1009078336	~
CTermIgnOnTimer_mS_M_u32	1009078336	1009078336	~
CTermVehSpdInvalidTimer_mS_M_u32	1009078336	1009078336	~
CTerm_Cnt_M_lgc	1	1	~
RampStatus_Cnt_M_u08	0	0	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	V
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	~

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

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





Name	Input Value		
ATerm_Cnt_M_lgc	*none*		
CTermIgnOffTimer_mS_M_u32	*none*		
CTermIgnOnTimer_mS_M_u32	*none*		
CTermVehSpdInvalidTimer_mS_M_u32	*none*		
CTerm_Cnt_M_lgc	*none*		
RampStatus_Cnt_M_u08	*none*		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_	GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime	_DtrmnElapsedTime_mS_u16_Elapse	edTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime	_GetSystemTime_mS_u32_CurrentT	me
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k CTermVehSpdInvalidTimeout mS u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k STTdRampUpRate UlspmS f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5 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 CurrentTi			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lg		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lg		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_C		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_C	nt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcD	ft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xpr	mS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_UI	s_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Ul	s_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_I	target_VehPwrMd_Per1_RampDwnStatusCor	mplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_	lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target VehPwrMd Per1 SrlComVehSpd Kph	i f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target VehPwrMd Per1 VehSpdValid Cnt Ig	ic	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2		
target VehPwrMd Per1 OutputRampMult Uls f32.value	0.131799996		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	484.173615		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	1763481923	1763481923	•
ATerm_Cnt_M_lgc	1	1	•
CTermIgnOffTimer_mS_M_u32	1763481923	1763481923	
CTermIgnOnTimer_mS_M_u32	1763481923	1763481923	•
CTermVehSpdInvalidTimer_mS_M_u32	1009078336	1009078336	•
CTerm_Cnt_M_lgc	0	0	
RampStatus_Cnt_M_u08	1	1	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•
target VehPwrMd Per1 OperRampRate XpmS f32.value	0.001667	0.001667 ± 0.015625	
target verir white rei i Operkampkate Aprilo 152. value			

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	-



Test Step 2.32 (Repeat Count = 1)			
Name	Input Value		
ATermTimer_mS_M_u32	*none*		
ATerm_Cnt_M_lgc	*none*		
CTermIgnOffTimer_mS_M_u32	*none*		
CTermIgnOnTimer_mS_M_u32	*none*		
CTermVehSpdInvalidTimer_mS_M_u32	*none*		
CTerm_Cnt_M_lgc	*none*		
RampStatus_Cnt_M_u08	*none*		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	_GET_signal	
$Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTime_m$	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_Current1	Гime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
$target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elaps$	36973		
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u332_CurrentTime$	3946921298		
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_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_	<u>lgc</u>	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_	Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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	
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_$	target_VehPwrMd_Per1_RampDwnStatusC	omplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	ph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	3		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.899800003		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	453.736298		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	3946921298	3946921298	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	3946921298	3946921298	
CTermIgnOnTimer_mS_M_u32	3946921298	3946921298	
CTermVehSpdInvalidTimer_mS_M_u32	3946921298	3946921298	
CTerm_Cnt_M_lgc	1	1	
RampStatus Cnt M u08	0	0	
· ·	1	1	
target VehPwrMd Per1 ATermActive Cnt lgc.value			
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value		1 0.001667 ± 0.015625	

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



Test Step 2.33 (Repeat Count = 1)	Input Value		
Name	Input Value		
ATermTimer_mS_M_u32	*none*		
ATerm_Cnt_M_lgc	*none*		
CTermIgnOffTimer_mS_M_u32 CTermIgnOnTimer_mS_M_u32	*none* *none*		
CTermVehSpdInvalidTimer_mS_M_u32	*none*		
CTerm_Cnt_M_lgc	*none*		
RampStatus Cnt M u08	*none*		
Rampstatus_Crit_ivi_uuo Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	CET signal	
Rte_Call_Ap_vehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime			emiThe
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin		
Rte Inst Ap VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	ic_octoystem mic_mo_usz_ouncil	TITIC
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k CTermVehSpdInvalidTimeout mS u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k RampUpRtLoSpd UlspmS f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elaps	se 35240		
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 Current			
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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	•	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld		
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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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 RampDwnStatusComplete Cnt	li target_VehPwrMd_Per1_RampDwnStatusC	omplete_Cnt_lgc	
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_	<u>lgc</u>	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	13		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.238399997		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	363.23349		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	3554150033	3554150033	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	3554150033	3554150033	
CTermIgnOnTimer_mS_M_u32	3554150033	3554150033	
CTermVehSpdInvalidTimer_mS_M_u32	3554150033	3554150033	
CTerm_Cnt_M_lgc	1	1	
RampStatus_Cnt_M_u08	0	0	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	



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

Terminary Term	Test Step 2.34 (Repeat Count = 1) Name	Input Value				
Transport Tran		·				
Transport TimeRM_U22						
Transport Tran						
Transferring March March	·					
Tram Carl Mu 198						
Image Imag						
Ites Call AP, Verhrwind Epsinn, DP CET signal Ites Call AP, Verhrwind SystemTime Demonstration State						
Re. Call A.D. VehPerMMS SystemTime DimmElapsedTime _mS_u16 ElapsedTime Image Rise Call Ap. VehPerMMS SystemTime _mS_u16 ElapsedTime Image Rise Call Ap. VehPerMMS SystemTime _mS_u16 ElapsedTime Image Rise Call Ap. VehPerMMS SystemTime _mS_u12 CurrentTime Image Rise _ms_						
		· · ·				
12			Time_GetSystemTime_mS_u32_Current	Time		
Afformithmout_mis_u16	Rte_Inst_Ap_VehPwrMd					
CircempoPoTTImeout, mS_u16	tte_Mode_Ap_VehPwrMd_SystemState_Mode()					
Commonstrational Lings. 116	_ATermTimeout_mS_u16	4000				
Commission Com	_CTermIgnOffTimeout_mS_u16	0				
RampDRFL UlspmS, 132	_CTermIgnOnTimeout_mS_u16	0				
STTGENTPHENS, 192 0.001667	_CTermVehSpdInvalidTimeout_mS_u16	45				
STTGEARTPHONNITAGE LipsmS_132	_RampDnRt_UlspmS_f32	0.001667				
STTGRampUpAmPate_UlspmS_132	_RampUpRtLoSpd_UlspmS_f32	0.001667				
STTGRampDyenReu_LispmS_132	_STTdEntryThresh_Kph_f32	10				
STTGRampUpRate_UlipsmS_132	_STTdExitThresh_Kph_f32	10				
S.5	STTdRampDownRate UlspmS f32	0.001667				
	STTdRampUpRate UlspmS f32	0.001667				
	VehSpdThresh Kph f32	8.5				
		0				
		pse 41117				
triget_Rie_Inst_Ap_VehPwiMd_VehPwiMd_Perl_CaremActive_Cnt_lgc target_VehPwiMd_Perl_CaremActive_Cnt_lgc target_VehPwiMd_Perl_CaremActive_Cnt_lgc target_VehPwiMd_Perl_DmiDelestDASts_Cnt_u08 target_VehPwiMd_Perl_EngON_Cnt_lgc target_VehPwiMd_Perl_EngON_Cnt_lgc target_VehPwiMd_Perl_EngON_Cnt_lgc target_VehPwiMd_Perl_EngON_Cnt_lgc target_VehPwiMd_Perl_DelestDASts_Cnt_u08 target_VehPwiMd_Perl_DelestDASts_Cnt_u08 target_VehPwiMd_Perl_DelestDASts_Cnt_u08 target_VehPwiMd_Perl_DelestDASts_Cnt_u08 target_VehPwiMd_Perl_DelestDASts_Cnt_u08 target_VehPwiMd_Perl_DelestDASts_Cnt_u08 target_VehPwiMd_Perl_DelestDASts_Cnt_u08 target_VehPwiMd_Perl_DelestDASts_Cnt_u08 target_VehPwiMd_Perl_StriStastDastDastDASts_Cnt_u08 target_VehPwiMd_Perl_StriStastDastDastDASts_Cnt_u08 target_VehPwiMd_Perl_StriStastDastDastDASts_Cnt_u08 target_VehPwiMd_Perl_StriStastDastDastDASts_Cnt_u08 target_VehPwiMd_Perl_StriStastDastDastDASts_Cnt_u08 target_VehPwiMd_Perl_StriStastDastDastDASts_Cnt_u08 target_VehPwiMd_Perl_StriStastDastDastDASts_Cnt_u08 target_VehPwiMd_Perl_StriStastDastDASts_Cnt_u08 target_VehPwiMd_Perl_StriStastDastDastDastDASts_Cnt_u08 target_VehPwiMd_Perl_StriStastDastDastDastDastDastDastDastDastDast						
target_Ries_Inst_Ap_VehPwMid_VehPwMid_Perl_CremActive_Cnt_lgc			ent lac			
	·					
arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Pert_EngONSriComSvcDft_Cnt_Igot target_Net_Inst_Ap_VehPwrMd_VehPwrMd_Pert_EngOn_Cnt_Igot target_Net_Inst_Ap_VehPwrMd_VehPwrMd_Pert_EngOn_Cnt_Igot target_VehPwrMd_Pert_EngOn_Cnt_Igot target_VehPwrMd_Pert_EngOn_Igot target_VehPwrMd_Pert_Igot target_VehPwrMd_Pert_Igot target_VehPwrMd_Pert_Igot target_VehPwrMd_Pert_Igot target_VehPwrMd_Pert_Igot target_VehPwrMd_Pert_Igot target_VehPwrMd_Pert_Igot target_VehPwrMd_Pert_Igot target_VehPwrMd_Per						
arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampMate_Uls_132 target_VehPwrMd_Per1_OperRampMate_Uls_132 target_VehPwrMd_Per1_OperRampMate_Uls_132 target_VehPwrMd_Per1_OperRampMate_Uls_132 target_VehPwrMd_Per1_OperRampMate_Xpms_132 target_VehPwrMd_Per1_OperRampMate_Xpms_132 target_VehPwrMd_Per1_OperRampMate_Uls_132 target_VehPwrMd_Per1_OperRampMate_Xpms_132 target_VehPwrMd_Per1_DevPrMd_Per1_STTGSelected_Cnt_Igc_Xpms_132 target_VehPwrMd_Per1_STTGSelected_Cnt_Igc_Xpms_132 target_VehPwrMd_Per1_STGMSelected_Cnt_Igc_Xpms_132 target_VehPwrMd_Per1_DmDDelestDaVid_Cnt_Igc_Xpms_132 target_VehPwrMd_Per1_Per1_Per1_NpmSpms_132 target_VehPwrMd_Per1_Per1_NpmSpms_132 target_VehPwrMd_Per1_NpmSpms_132 target_VehPwrMd_Per1_NpmSpms_132 target_VehPwrMd_Per1_NpmSpms_132 target_VehPwrMd_Per1_NpmSpms_132 target_VehPwrMd_Per1_NpmSpms_132 target_VehPw						
arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OperRampRate_Xpms_f32 target_VehPwrMd_Per1_OperRampRate_Xpms_f32 arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OutputRampMult_UIs_f32 target_VehPwrMd_Per1_OperRampPatue_UIs_f32 arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OutputRampMult_UIS_f32 target_VehPwrMd_Per1_OperRampPatue_UIS_f32 arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_STTGSelected_Cnt_Igc target_VehPwrMd_Per1_STTGSelected_Cnt_Igc arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_STGSelected_Cnt_Igc target_VehPwrMd_Per1_STGSelected_Cnt_Igc arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_STGSelected_Cnt_Igc target_VehPwrMd_Per1_STGSelected_Cnt_Igc arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_STGSelected_Cnt_Igc target_VehPwrMd_Per1_STGSelected_Cnt_Igc arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value 1 arget_VehPwrMd_Per1_EngONSriComSvcDft_Cnt_Igc.value 1 arget_VehPwrMd_Per1_EngON_Cnt_Igc.value 0 arget_VehPwrMd_Per1_EngON_Cnt_Igc.value 7 arget_VehPwrMd_Per1_EntMC_Cnt_enum_value 0 arget_VehPwrMd_Per1_STGSelected_Cnt_Igc.value 0 arget_VehPwrMd_Per1_STGSelected_Cnt_Igc.value 1 arget_VehPwrMd_Per1_STGSelected_Cnt_Igc.value 0 arget_VehPwrMd_Per1_STGSelected_Cnt_Igc.value 1 Actual Value						
arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Perl_OperRampValue_UIs_f32 target_VehPwrMd_Perl_OperRampValue_UIs_f32 arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Perl_RampDwnStatusComplete_Cnt_Iis_faget_Rte_Inst_Ap_VehPwrMd_Perl_RampDwnStatusComplete_Cnt_Iis_carget_Rte_Inst_Ap_VehPwrMd_Perl_STTGSelected_Cnt_Iis_carget_Rte_Inst_Ap_VehPwrMd_Perl_STGOmVehSpd_Kph_f32 target_VehPwrMd_Perl_STTGSelected_Cnt_Iis_carget_VehPwrMd_Perl_STGOmVehSpd_Kph_f32 arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Perl_VehSpdValid_Cnt_Igc_arget_VehPwrMd_Perl_DmdDelestDaXis_Cnt_Iiids_value target_VehPwrMd_Perl_STGOmVehSpd_Kph_f32 arget_VehPwrMd_Perl_DmdDelestDaXis_Cnt_Iiids_value 1 arget_VehPwrMd_Perl_EngONSriComSvcDft_Cnt_Igc_value 1 arget_VehPwrMd_Perl_EngOn_Cnt_Igc_value 0 arget_VehPwrMd_Perl_STGSelected_Cnt_Iiids_value 0 arget_VehPwrMd_Perl_EngOn_DwsTatusComplete_Cnt_Iiids_value 0 arget_VehPwrMd_Perl_STGSelected_Cnt_Iiids_value 0 arget_VehPwrMd_Perl_STGSelected_Cnt_Iiids_value 0 arget_VehPwrMd_Perl_STGSelected_Cnt_Iiids_value 0 arget_VehPwrMd_Perl_STGSelected_Cnt_Iiids_value 0 arget_VehPwrMd_Perl_STGSelected_Cnt_Iiids_value 0 arget_VehPwrMd_Perl_STGSelected_Cnt_Iiids_value 1 arget_VehPwrMd_Perl_STGSelected_Cnt_Iiids_value 2 arget_VehPwrMd_Perl_STGSelected_Cnt_						
target_Rte_inst_Ap_VehPwrMd_VehPwrMd_Perr_OutputRampMult_Uis_132 target_Rte_inst_Ap_VehPwrMd_VehPwrMd_Perr_SiTCdselected_Cnt_igc target_Rte_inst_Ap_VehPwrMd_Perr_SiTCdselected_Cnt_igc target_Rte_inst_Ap_VehPwrMd_VehPwrMd_Perr_SiTCdselected_Cnt_igc target_VehPwrMd_Perr_SiTCdselected_Cnt_igc target_VehPwrMd_Perr_SiTCdselected_Cnt_igc target_VehPwrMd_Perr_SiTCdselected_Cnt_igc target_VehPwrMd_Perr_SiTCdselected_Cnt_igc target_VehPwrMd_Perr_SiTCdselected_Cnt_igc target_VehPwrMd_Perr_DimdDelestDASts_Cnt_u08_value target_VehPwrMd_Perr_DimdDelestDASts_Cnt_u08_value target_VehPwrMd_Perr_DimdDelestDASts_Cnt_u08_value target_VehPwrMd_Perr_EngONSiTComSvotPf_Cnt_igc_value target_VehPwrMd_Perr_EngONSiTComSvotPf_Cnt_igc_value target_VehPwrMd_Perr_EngONSitComSvotPf_Cnt_igc_value target_VehPwrMd_Perr_EngON_Cnt_igc_value target_VehPwrMd_Perr_EngMEC_Cnt_enum_value target_VehPwrMd_Perr_EngMEC_Cnt_enum_value target_VehPwrMd_Perr_SitComVehSpd_kpt_is3.value target						
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc target_Net_Inst_Ap_VehPwrMd_VehPwrMd_Per1_STTGSelected_Cnt_lgc target_Net_Inst_Ap_VehPwrMd_VehPwrMd_Per1_STGSWehSpd_Kph_f32 target_Net_Inst_Ap_VehPwrMd_VehPwrMd_Per1_VehSpdValid_Cnt_lgc target_VehPwrMd_Per1_STGSWehSpd_Kph_f32 target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value 1						
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_Kph_f32 arget_Lnst_Ap_VehPwrMd_VehPwrMd_Per1_VehSpdValid_Cnt_lgc target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value arget_VehPwrMd_Per1_DmdDelestDAVId_Cnt_lgc.value 1 arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value 1 arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value 0 arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value 7 arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value 2 arget_VehPwrMd_Per1_BmdC_Cnt_enum.value 2 arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value 1 arget_VehPwrMd_Per1_STGlomVehSpd_Kph_f32.value 0 arget_VehPwrMd_Per1_STGlomVehSpd_Kph_f32.value 2.65939999 arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 1 arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 1 arget_VehPwrMd_Per1_STGGmVehSpd_Kph_f32.value 2.65939999 arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 1 arget_VehPwrMd_Per1_STGGmVehSpd_Kph_f32.value 2663097164 arget_VehPwrMd_Per1_STGGDMVehSpd_Kph_f32.value 2663097164 arget_Veh						
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Perl_SrlComVehSpd_Kph_f32 target_VehPwrMd_Perl_SrlComVehSpd_Kph_f32 arget_Rte_Inst_Ap_VehPwrMd_Perl_DmdDelestDASts_Ont_u08.value 1 arget_VehPwrMd_Perl_DmdDelestDASts_Ont_u08.value 1 arget_VehPwrMd_Perl_EngONSrlComSvcDft_Cnt_lgc.value 1 arget_VehPwrMd_Perl_EngON_Cnt_lgc.value 0 arget_VehPwrMd_Perl_EngON_Cnt_lgc.value 7 arget_VehPwrMd_Perl_EngON_Cnt_lgc.value 2 arget_VehPwrMd_Perl_MEC_Cnt_enum.value 2 arget_VehPwrMd_Perl_OutputRampMult_Uls_f32.value 0.26030001 arget_VehPwrMd_Perl_SrlComVehSpd_Kph_f32.value 0 arget_VehPwrMd_Perl_SrlComVehSpd_Kph_f32.value 0 arget_VehPwrMd_Perl_SrlComVehSpd_Kph_f32.value 0 arget_VehPwrMd_Perl_SrlComVehSpd_Kph_f32.value 0 arget_VehPwrMd_Perl_SrlComVehSpd_Kph_f32.value 1 arget_VehPwrMd_Perl_SrlComVehSpd_Kph_f32.value 1 arget_VehPwrMd_Perl_SrlComVehSpd_Kph_f32.value 1 arget_VehPwrMd_Perl_SrlComVehSpd_Kph_f32.value 1 arget_VehPwrMd_Perl_SrlComVehSpd_Kph_f32.value 1 arget_VehPwrMd_Perl_SrlComVehSpd_Kph_f32.value 2 arget_VehPwrMd_Perl_SrlCom						
arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Perr_VehSpdValid_Cnt_Igc target_VehPwrMd_Perr_VehSpdValid_Cnt_Igc arget_VehPwrMd_Perr_DmdDelestDASts_Cnt_u08.value 1 arget_VehPwrMd_Perr_EngONSrlComSvcDft_Cnt_Igc.value 1 arget_VehPwrMd_Perr_EngOn_Cnt_Igc.value 0 arget_VehPwrMd_Perr_EngOn_Cnt_Igc.value 7 arget_VehPwrMd_Perr_EngOn_Cnt_enum.value 2 arget_VehPwrMd_Perr_OutputRampMult_UIs_r32.value 0.26030001 arget_VehPwrMd_Perr_SrlTdSelected_Cnt_Igc.value 1 arget_VehPwrMd_Perr_SrlTdSelected_Cnt_Igc.value 0 arget_VehPwrMd_Perr_SrlComVehSpd_Kph_r32.value 0 arget_VehPwrMd_Perr_VehSpdValid_Cnt_Igc.value 1 arget_VehPwrMd_Perr_VehSpdValid_Cnt_Igc.value 1 arget_VehPwrMd_Perr_VehSpdValid_Cnt_Igc.value 1 arget_VehPwrMd_Perr_VehSpdValid_Cnt_Igc.value 1 arget_VehPwrMd_Perr_VehSpdValid_Cnt_Igc.value 1 arget_VehPwrMd_Perr_VehSpdValid_Cnt_Igc.value 1 arget_VehPwrMd_Perr_VehSpdIvalid_Cnt_Igc.value 2 arget_VehPwrMd_Perr_VehSpdIvalid_Cnt_Igc.value 1 arget_VehPwrMd_Perr_VehSpdIvalid_Cnt_Igc.value 2 arget_VehPwrMd_Perr_VehSpdIvalid_Cnt_I						
Arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value 1 1 1 1 1 1 1 1 1	arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpc	_Kph_f32			
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value 1 arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value 1 arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value 0 arget_VehPwrMd_Per1_EtatMT_Cnt_u08.value 7 arget_VehPwrMd_Per1_EtatMT_Cnt_u08.value 2 arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value 0.26030001 arget_VehPwrMd_Per1_StTdSelected_Cnt_lgc.value 1 arget_VehPwrMd_Per1_StTdSelected_Cnt_lgc.value 0 arget_VehPwrMd_Per1_StrlComVehSpd_Kph_f32.value 2.65939999 arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 1 lame Actual Value Expected Value Res lame_Cnt_M_lgc 1 1 1 lame_Cnt_M_lgc 1 1 1 1 lame_Cnt_M_lgc 1 1 1 1 1 lame_Cnt_M_lgc 1 1 2663097164 2663097164 2663097164 2663097164 2663097164 2663097164 2663097164 2663097164 2663097164 2663097164 2663097164 2663097164 2663097164 2663097164 2663097164 <	arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_0	Cnt_lgc			
Target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_igc.value 1	arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1				
arget_VehPwrMd_Per1_EngOn_Cnt_Igc.value 0	arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1				
Target_VehPwrMd_Per1_EtatMT_Cnt_u08.value Target_VehPwrMd_Per1_EtatMT_Cnt_u08.value 2	arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1				
2 2 2 2 2 2 2 2 2 2	arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0				
0.26030001 0.2	arget_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7				
1	arget_VehPwrMd_Per1_MEC_Cnt_enum.value	2				
Composition	arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.26030001				
Composition	arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1				
Jame Actual Value Expected Value Res Actual Value 2663097164 2663097164 2663097164 1 Actual Value 2663097164 2663097164 1		0				
Actual Value		2.65939999				
Actual Value Expected Value Res I.TermTimer_mS_M_u32 2663097164 2663097164 1 I.Term_Cnt_M_lgc 1 1 1 I.TermIgnOnfTimer_mS_M_u32 3554150033 3554150033 3554150033 I.TermVehSpdInvalidTimer_mS_M_u32 2663097164 2663097164 2663097164 I.Term_Cnt_M_lgc 0 0 0 tampStatus_Cnt_M_u08 1 1 1 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1 1						
### ##################################			Expected Value	Res		
ATERTM_CNT_M_lgc 1 ATERTM_CNT_M_lgc 1 ATERTM_CNT_M_lgc 3554150033 ATERTM_GNO_FITHER_MS_M_u32 2663097164 ATERTM_CNT_M_lgc 2663097164 ATERTM_CNT_M_lgc 0 ATERTM_CNT_M_u08 1 ATERTM_CNT_M_LGC 1 ATERTM_CNT_M_u08 1 ATERTM_CNT_M_LGC 1 ATERTM_CNT_M			· ·	1163		
### STERMIGNOFFTIMER_MS_M_u32 3554150033 355415003 3554150000000000000000000000000000000000						
CTermIgnOnTimer_mS_M_u32 2663097164 2663097164 CTermVehSpdInvalidTimer_mS_M_u32 2663097164 2663097164 CTerm_Cnt_M_lgc 0 0 RampStatus_Cnt_M_u08 1 1 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1						
CTermVehSpdInvalidTimer_mS_M_u32 2663097164 2663097164 CTerm_Cnt_M_lgc 0 0 RampStatus_Cnt_M_u08 1 1 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1						
CTerm_Cnt_M_lgc 0 0 RampStatus_Cnt_M_u08 1 1 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1						
RampStatus_Cnt_M_u08 1 1 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1						
arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1						
	arget_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1			





Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target VehPwrMd Per1 OperRampValue Uls f32.value	1	1 ± 0.00006103515625	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	•

Input Value *none* *none* *none* *none* *none* *none* *none* target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_ target_Rte_Call_Ap_VehPwrMd_SystemTime target_Rte_Inst_Ap_VehPwrMd 3	e_DtrmnElapsedTime_mS_u16_ElapsedTime	
none *none* *none* *none* *none* *none* *none* target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_ target_Rte_Call_Ap_VehPwrMd_SystemTime target_Rte_Call_Ap_VehPwrMd_SystemTime target_Rte_Call_Ap_VehPwrMd 3	e_DtrmnElapsedTime_mS_u16_ElapsedTime	
none *none* *none* *none* *none* target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_ target_Rte_Call_Ap_VehPwrMd_SystemTime target_Rte_Call_Ap_VehPwrMd_SystemTime target_Rte_Call_Ap_VehPwrMd 3	e_DtrmnElapsedTime_mS_u16_ElapsedTime	
none *none* *none* *none* *none* target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_ target_Rte_Call_Ap_VehPwrMd_SystemTime target_Rte_Call_Ap_VehPwrMd_SystemTime target_Rte_Inst_Ap_VehPwrMd 3	e_DtrmnElapsedTime_mS_u16_ElapsedTime	
none *none* *none* target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_ target_Rte_Call_Ap_VehPwrMd_SystemTime target_Rte_Call_Ap_VehPwrMd_SystemTime target_Rte_Lall_Ap_VehPwrMd target_Rte_Inst_Ap_VehPwrMd	e_DtrmnElapsedTime_mS_u16_ElapsedTime	
none *none* target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_ target_Rte_Call_Ap_VehPwrMd_SystemTime target_Rte_Call_Ap_VehPwrMd_SystemTime target_Rte_Inst_Ap_VehPwrMd 3	e_DtrmnElapsedTime_mS_u16_ElapsedTime	
none target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_ target_Rte_Call_Ap_VehPwrMd_SystemTime target_Rte_Call_Ap_VehPwrMd_SystemTime target_Rte_Inst_Ap_VehPwrMd 3	e_DtrmnElapsedTime_mS_u16_ElapsedTime	
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_ target_Rte_Call_Ap_VehPwrMd_SystemTime target_Rte_Call_Ap_VehPwrMd_SystemTime target_Rte_Inst_Ap_VehPwrMd 3	e_DtrmnElapsedTime_mS_u16_ElapsedTime	
target_Rte_Call_Ap_VehPwrMd_SystemTime target_Rte_Call_Ap_VehPwrMd_SystemTime target_Rte_Inst_Ap_VehPwrMd 3	e_DtrmnElapsedTime_mS_u16_ElapsedTime	
target_Rte_Call_Ap_VehPwrMd_SystemTime target_Rte_Inst_Ap_VehPwrMd 3		
target_Rte_Inst_Ap_VehPwrMd	e_GetSystemTime_mS_u32_CurrentTime	
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target_VehPwrMd_Per1_DmdDelestDaVld_C	Cnt_lgc	
target_VehPwrMd_Per1_EngONSrlComSvcD	Oft_Cnt_lgc	
target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_VehPwrMd_Per1_MEC_Cnt_enum		
	omS f32	
target_VehPwrMd_Per1_OutputRampMult_U	Jls_f32	
target VehPwrMd Per1 STTdSelected Cnt	lgc	
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	Expected Value	Result
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0 0 1 1 0 0 8 1 5 1 tata tata tata tata ta ta ta ta ta ta t	0.001667 0.001667 0.001667 0.001667 0.001667 0.001667 0.001667 0.55 0.001667 0.55 0.7054 0.70615295 0.001669 0.	0.001667 0.001667 0.001667 0.001667 0.001667 0.001667 0.001667 0.55 0.57054 1770615295 0.001668 0.001669 0.0016

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

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

Test Step 2.36 (Repeat Count = 1)			✓
Name	Input Value		
ATermTimer_mS_M_u32	*none*		
ATerm_Cnt_M_lgc	*none*		
CTermlgnOffTimer_mS_M_u32	*none*		
CTermIgnOnTimer_mS_M_u32	*none*		
CTermVehSpdInvalidTimer_mS_M_u32	*none*		
CTerm Cnt M lgc	*none*		
RampStatus Cnt M u08	*none*		
Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target Rte Call Ap VehPwrMd EpsEn OP	GET signal	
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16(ElapsedTime)			
Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
	0		
k_CTermIgnOnTimeout_mS_u16			
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTim	0		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_l	gc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_l	gc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_0	Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_C	Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvcD	Oft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xp	mS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	ls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_U	ls_f32	
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_Inst_RampDwnStatusCompl$	target_VehPwrMd_Per1_RampDwnStatusCo	mplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kpl	h_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_l	gc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target VehPwrMd Per1 EtatMT Cnt u08.value	5		
target VehPwrMd Per1 MEC Cnt enum.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.741699994		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
target VehPwrMd Per1 STTdSelected Cnt Igc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	394.101196		
target VehPwrMd Per1 VehSpdValid Cnt Igc.value	0		
		Expected Value	Pacult
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	0	0	_
ATerm_Cnt_M_lgc	1	1	_

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

Test Step Call Trace				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	-



Test Step 2.37 (Repeat Count = 1)	Input Value		
Name	Input Value		
ATermTimer_mS_M_u32	*none*		
ATerm_Cnt_M_lgc	*none*		
CTermIgnOffTimer_mS_M_u32	*none*		
CTermIgnOnTimer_mS_M_u32	*none*		
CTermVehSpdInvalidTimer_mS_M_u32	*none*		
CTerm_Cnt_M_lgc	*none*		
RampStatus_Cnt_M_u08	*none*	OCT signal	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF		dTimo
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	ie_GetSystemTime_ms_usz_currentTir	ne
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd 1		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4000		
<pre><_ATermTimeout_mS_u16</pre>	0		
<pre><_CTermIgnOffTimeout_mS_u16</pre> < CTermIgnOnTimeout mS u16	0		
C-Creminghornimeout_ins_u to CTermVehSpdInvalidTimeout_mS_u16	45		
<_Coremivensponityalid infection_u16 <_RampDnRt_UlspmS_f32	0.001667		
	0.001667		
<_RampUpRtLoSpd_UlspmS_f32 <_STTdEntryThresh_Koh_f32	10		
<pre><_STTdEntryThresh_Kph_f32 <_STTdExitThresh_Kph_f32</pre>	10		
k_STTdRxitfilesti_kpii_i32 k STTdRampDownRate UlspmS f32	0.001667		
CSTTdRampUpRate UlspmS f32	0.001667		
CSTRUKAIII)OPRAIE_UISPINS_132 VehSpdThresh Kph f32	8.5		
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_CurrentTir			
arget_Rte_lnst_Ap_vehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target VehPwrMd Per1 ATermActive Cnt	lac	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Ont_	•	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehrwrMd_Per1_DmdDelestDASts_		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDaVld Cnt Igc	target Vehrwind Per1 DmdDelestDaVld		
arget_Rte_Inst_Ap_vehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngOn Cnt Igc	target VehPwrMd Per1 EngOn Cnt Igc	DIL_OIII_Ige	
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 EtatMT Cnt u08	target_Vehr wrwd_r cr1_EtatMT_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
rarget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	nmS 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_		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt I			
rarget_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		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 VehSpdValid Cnt Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_	
arget VehPwrMd Per1 DmdDelestDASts Cnt u08.value	0	- 5	
arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
rarget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
arget VehPwrMd Per1 EngOn Cnt Igc.value	1		
arget VehPwrMd Per1 EtatMT Cnt u08.value	12		
arget_VehPwrMd_Per1_MEC_Cnt_enum.value	2		
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.520900011		
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	72.6651001		
rarget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	4294967295	4294967295	11001
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	
rampstatus_Cnt_m_uu8 rarget VehPwrMd Per1 ATermActive Cnt Igc.value	1	1	
	1	1	
arget VehPwrMd Per1 CTermActive Cnt Ige value		1.1	
arget_VehPwrMd_Per1_CTermActive_Cnt_Igc.value arget_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	

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



Fest Step 2.38 (Repeat Count = 1)	Input Value		
ATermTimer_mS_M_u32	*none*		
Norm_Cnt_M_lgc	*none*		
CTermIgnOffTimer mS M u32	*none*		
CTermIgnOnTimer mS M u32	*none*		
CTermVehSpdInvalidTimer_mS_M_u32	*none*		
CTerm_Cnt_M_lgc	*none*		
RampStatus Cnt M u08	*none*		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	GET signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)			sedTime
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()	0		
x_ATermTimeout_mS_u16	4000		
CTermIgnOffTimeout_mS_u16	0		
 C_CTermIgnOnTimeout_mS_u16	0		
CTermVehSpdInvalidTimeout_mS_u16	45		
RampDnRt UlspmS f32	0.001667		
	0.001667		
S STTdEntryThresh Kph f32	10		
STTdExitThresh Kph f32	10		
STTdRampDownRate UlspmS f32	0.001667		
STTdRampUpRate UlspmS f32	0.001667		
	8.5		
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_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 Igc	target VehPwrMd Per1 CTermActive Cnt		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	•	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	pmS 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_I	_	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt I			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cni		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 SrlComVehSpd Kph f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 VehSpdValid Cnt Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_	
arget VehPwrMd Per1 DmdDelestDASts Cnt u08.value	0		
arget VehPwrMd Per1 DmdDelestDaVld Cnt Igc.value	0		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
arget VehPwrMd Per1 EngOn Cnt Igc.value	1		
arget VehPwrMd Per1 EtatMT Cnt u08.value	4		
arget VehPwrMd Per1 MEC Cnt enum.value	0		
arget_Vehr white_ref1_MEG_ont_enant.value arget VehPwrMd Per1 OutputRampMult Uls f32.value	0.944299996		
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
arget_Vehr whitid_r en_onreadeded_ont_ge.value	382.431488		
arget VehPwrMd Per1 VehSpdValid Cnt Igc.value	0		
Name	Actual Value	Expected Value	Res
Name NTermTimer mS M u32	4325632	4325632	Res
	4325632	1	
ATerm_Cnt_M_lgc CTermlqnOffTimer mS M u32	4325632	4325632	
·			
CTerm/gnOnTimer_mS_M_u32	4325632	4325632	
CTermVehSpdInvalidTimer_mS_M_u32	4325632	4325632	
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	
arget_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	



Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~		

Name	Input Value		
ATermTimer_mS_M_u32	*none*		
ATerm_Cnt_M_lgc	*none*		
CTermIgnOffTimer_mS_M_u32	*none*		
CTermIgnOnTimer_mS_M_u32	*none*		
CTermVehSpdInvalidTimer_mS_M_u32	*none*		
CTerm_Cnt_M_lgc	*none*		
RampStatus_Cnt_M_u08	*none*		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedT		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime	e_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32 k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k VehSpdThresh Kph f32	8.5		
target Rte Call Ap VehPwrMd EpsEn OP GET signal	0		
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse			
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 Igc		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target VehPwrMd Per1 CTermActive Cnt Igc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt I	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc		
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	9		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.272799999		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1 0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1.58720005		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1.58720005		
			Door
Name	Actual Value Expected Val	Je	Resu
ATerm Cot M Iso	4325632 4325632		
ATerm_Cnt_M_lgc	1 1		
CTermIgnOnTimer_mS_M_u32	4325632 4325632		
CTermIgnOnTimer_mS_M_u32	2343166480 2343166480		
CTerm/VehSpdInvalidTimer_mS_M_u32	2343166480 0 2343166480		
CTerm_Cnt_M_lgc RampStatus Cnt M u08	0 0		
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value			
target_verii wriviu_r er i_A reminetive_ent_ige.value	1		

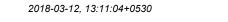
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Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✓

Test Step Call Trace				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_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	~

Name	Input Value		
ATermTimer mS M u32	*none*		
ATerm_Cnt_M_lgc	*none*		
CTermlgnOffTimer_mS_M_u32	*none*		
CTermIgnOnTimer_mS_M_u32	*none*		
CTermVehSpdInvalidTimer_mS_M_u32	*none*		
CTerm_Cnt_M_lgc	*none*		
RampStatus_Cnt_M_u08	*none*		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn	_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_System	mTime_DtrmnElapsedTime_mS_u16_Ela	psedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_Syster	mTime_GetSystemTime_mS_u32_Currer	ntTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u332_CurrentT$			
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_lgc	target_VehPwrMd_Per1_CTermActive_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDA		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDa		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlCon		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lg		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enu		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRat		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampVal		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampN		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_I			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected		
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSp		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_ 0	Cnt_igc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value target_VehPwrMd_Per1_EngOn_Cnt_lqc.value	0		
target_venPwrMd_Per1_EngOn_Cnt_lgc.value	12		
target VehPwrMd Per1 MEC Cnt enum.value	0		
target VehPwrMd Per1 OutputRampMult Uls f32.value	0.562900007		
target VehPwrMd Per1 RampDwnStatusComplete Cnt Igc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	0.658399999		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	2522404984	2522404984	Resu
	1	1	
ATerm_Cnt_M_lgc CTermIqnOffTimer mS M u32	2522404984	2522404984	
	LULL4U4304	2022404904	
CTermIgnOnTimer_mS_M_u32	2522404984	2522404984	





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

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

Test Step 2.41 (Repeat Count = 1)			✓
Name	Input Value		
ATermTimer_mS_M_u32	*none*		
ATerm_Cnt_M_lgc	*none*		
CTermlgnOffTimer_mS_M_u32	*none*		
CTermIgnOnTimer_mS_M_u32	*none*		
CTermVehSpdInvalidTimer_mS_M_u32	*none*		
CTerm_Cnt_M_lgc	*none*		
RampStatus_Cnt_M_u08	*none*		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_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()	3		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	35874		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTin	139181235		
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		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_0		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_0	Ont Igc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcI	— ·	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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_L	_	
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt I			
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_DmdDelestDASts_Cnt_u08.value	1		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	6		
target VehPwrMd Per1 MEC Cnt enum.value	2		
target VehPwrMd Per1 OutputRampMult Uls f32.value	0.248099998		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target VehPwrMd Per1 SrlComVehSpd Kph f32.value	7.9854002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
	Actual Value	Expected Value	Result
Name			
Name ATermTimer_mS_M_u32	139181235	139181235	-

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VehPwrMd_Per1

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

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

Test Case 3: PIM Range Test

Specification

Performance Metrics:

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

CPU Cycles:

CPU Cycles:

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

Description

Vector Description:

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

TS3.19RampStatus_Cnt_M_u08==>Pos

Name	Input Value
ATermTimer_mS_M_u32	0
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	43740934
CTermIgnOnTimer_mS_M_u32	555836781
CTermVehSpdInvalidTimer_mS_M_u32	3950250523
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k CTermIgnOffTimeout mS u16	0





Name	Input Value		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k STTdRampDownRate UlspmS f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elap	se 0		
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 Current	Tir 323323239		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 ATermActive Cnt Igc	target_VehPwrMd_Per1_ATermActive_C	nt Igc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target VehPwrMd Per1 CTermActive C		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDAS		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaV		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlCom		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgo		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u0		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 MEC Cnt enum	target VehPwrMd Per1 MEC Cnt enur		
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		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cn			
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 STTdSelected Cnt Igc	target VehPwrMd Per1 STTdSelected		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 SrlComVehSpd Kph f32	target VehPwrMd Per1 SrlComVehSpd		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_C	- · -	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	go	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target VehPwrMd Per1 EngONSrlComSvcDft Cnt lgc.value	1		
target VehPwrMd Per1 EngOn Cnt Igc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	12		
target VehPwrMd Per1 MEC Cnt enum.value	2		
target VehPwrMd Per1 OutputRampMult Uls f32.value	0.256700009		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target VehPwrMd Per1 STTdSelected Cnt Igc.value	1		
target VehPwrMd Per1 SrlComVehSpd Kph f32.value	124.029503		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	323323239	323323239	•
ATerm_Cnt_M_lgc	1	1	•
CTermIgnOffTimer_mS_M_u32	323323239	323323239	•
CTermIgnOnTimer_mS_M_u32	323323239	323323239	•
CTermVehSpdInvalidTimer_mS_M_u32	323323239	323323239	
CTerm_Cnt_M_lgc	0	0	•
RampStatus_Cnt_M_u08	2	2	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	•
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.9999975e-005	9.99999975e-005 ± 0.0000610	3515625

Test Step Call Trace				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	_

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

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Name	Input Value			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4			
k_ATermTimeout_mS_u16	4000			
k_CTermIgnOffTimeout_mS_u16	0			
k_CTermIgnOnTimeout_mS_u16	0			
k CTermVehSpdInvalidTimeout mS u16	45			
k_RampDnRt_UlspmS_f32	0.001667			
k_RampUpRtLoSpd_UlspmS_f32	0.001667			
k_STTdEntryThresh_Kph_f32	10			
k_STTdExitThresh_Kph_f32	10			
k_STTdRampDownRate_UlspmS_f32	0.001667			
k STTdRampUpRate UlspmS f32	0.001667			
k VehSpdThresh Kph f32	8.5			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapsed				
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Current				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgo	`		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lge			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cr			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc	target VehPwrMd Per1 DmdDelestDaVld Cn			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target VehPwrMd Per1 EngONSrlComSvcDff			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	_Ont_igo		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target VehPwrMd Per1 EtatMT Cnt u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xpm	nC f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32				
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OutputRampMult Uls f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32 target_VehPwrMd_Per1_OutputRampMult_Uls_f32			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt		_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_l	. – –-		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgd	_		
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0	•		
	1			
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value				
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.112999998			
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	37.5619011			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
Name		Expected Value		Resu
ATermTimer_mS_M_u32	4294967295	1294967295		•
ATerm_Cnt_M_lgc	0)		
CTermIgnOffTimer_mS_M_u32		2837703980		•
CTermIgnOnTimer_mS_M_u32		2837703980		
CTermVehSpdInvalidTimer_mS_M_u32		2837703980		
CTerm_Cnt_M_lgc)		
RampStatus_Cnt_M_u08)		
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value)		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0)		•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625		•
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625		•

Test Step Call Trace				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 SystemTime DtrmnElapsedTime mS u16	1	Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	✓

Test Step 3.3 (Repeat Count = 1)	→
Name	Input Value
ATermTimer_mS_M_u32	259855465
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer_mS_M_u32	1300866902
CTermIgnOnTimer_mS_M_u32	968956564
CTermVehSpdInvalidTimer_mS_M_u32	4182160996
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	2





Rec_Call_A_V_MethMMS_Senderine_Ore_CET_signals Rec_Call_A_V_MethMMS_Senderine_Ore_Details_Ca	Name	Input Value		
Ris Coal Ap Verbridd SystemTime DimmElapsesTrime_mis_uf0ElapsestTrime Inset_Coal Ap Verbridd SystemTime OscilystemTime_mis_uf0ElapsesTrime Inset_Coal Ap Verbridd SystemTime OscilystemTime mis_uf0ElapsesTrime Inset_Mose_Ap Verbridd SystemTime OscilystemTime mis_uf0ElapsesTrime Inset_Mose_Ap Verbridd SystemTime OscilystemTime mis_uf0ElapsesTrime Inset_Mose_Ap Verbridd SystemTime OscilystemTime osci		·	P GET signal	
Rispon Lay Verbrinds SystemTrine _ m8_u32 CurrentTrine Single Rispon Analy Verbrinds SystemState Mode)				2
Re_imed_A_V_verPewMd SystemStein_Mode() 2 2 2 2 2 2 2 2 2				-
Rite Mode Ap. VeriPrivide SystemState Mode) 2				
k_ATemmiproTrimeout_m9_u16				
Commission Commissio				
Commission Commissi				
A				
Ramouphett.ogu.lipams_132				
K. Tiffethy Think Mg 12				
K.STTGRAmpDownRate_UlspmS_1/32				
K_STTGKAmpDownRate_UlspmS_122 0.001667				
K_STIGRampDwaReale_UlspmS_132				
K_VehSprThreah_Kph_G2				
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$				
target Ric Call Ap, VerPrwMd, SystemTime_OBMSplagedTime_mS_u32_CurrentTill target Ric Call Ap, VerPrwMd, SystemTime_OBMSplagedTime_mS_u32_CurrentTill target Ric Inst. Ap, VerPrwMd, VerPrwMd, Perl_ATermActive_Cnt.go target Ric Inst. Ap, VerPrwMd, VerPrwMd, Perl_ATermActive_Cnt.go target Ric Inst. Ap, VerPrwMd, VerPrwMd, Perl_DradbesitDASis_Cnt_u08 target Ric_Inst. Ap, VerPrwMd, VerPrwMd, Perl_DradbesitDASis_Cnt_u08 target Ric_Inst. Ap, VerPrwMd, VerPrwMd, Perl_EngOnSicComSvcDt(_Cnt_goc target Ric_Inst. Ap, VerPrwMd, VerPrwMd, Perl_EngOn_Cnt_goc target Ric_Inst. Ap, VerPrwMd, VerPrwMd, Perl_DradbesitDASis_Cnt_u08 target Ric_Inst. Ap, VerPrwMd, VerPrwMd, Perl_DradbesitDASis_Cnt_u08 target Ric_Inst. Ap, VerPrwMd, VerPrwMd, Perl_DradbesitDASis_Cnt_u08 target Ric_Inst. Ap, VerPrwMd, VerPrwMd, Perl_CotputRampMult_u18_132 target Ric_Inst. Ap, VerPrwMd, VerPrwMd, Perl_SriTOsiacica(Cnt_goc) target Ric_Inst. Ap, VerPrwMd, VerPrwMd, Per	_ : : _			
Image Rite Call Ap, VehPwindd VehPwinde Perl ATermActive Cnt Ligo Larget Rite Inst Ap, VehPwindd VehPwinde Perl ATermActive Cnt Ligo Larget Rite Inst Ap, VehPwindd VehPwinde Perl CTermActive Cnt Ligo Larget Rite Inst Ap, VehPwindd VehPwinde Perl CTermActive Cnt Ligo Larget Rite Inst Ap, VehPwindd VehPwinde Perl Direct Design Rite Inst Ap, VehPwindd VehPwinde Perl Direct Design Rite Inst Ap, VehPwindd VehPwinde Perl EngONSiflomsvc0ft Cnt Ligo Larget Rite Inst Ap, VehPwindd VehPwinde Perl EngONSiflomsvc0ft Cnt Ligo Larget Rite Inst Ap, VehPwindd VehPwinde Perl EngONSiflomsvc0ft Cnt Ligo Larget Rite Inst Ap, VehPwindd VehPwinde Perl Endot Cnt Ligo Larget Rite Inst Ap, VehPwindd VehPwinde Perl Endot Cnt Ligo Larget Rite Inst Ap, VehPwindd VehPwinde Perl Endot State Larget Rite Inst Ap, VehPwindd VehPwinde Perl Design Rite Inst Ap, VehPwindd VehPwinde Perl Design Rite Inst Ap, VehPwindd VehPwinde Perl Content Rite Larget Rite Inst Ap, VehPwindd VehPwinde Perl Content Rite Larget Rite Inst Ap, VehPwindd VehPwinde Perl Content Rite Larget Rite Inst Ap, VehPwindd VehPwinde Perl State Cnt Ligo Larget Rite Inst Ap, VehPwindd VehPwinde Perl State State Larget VehPwinde Perl Larget Rite Inst Ap, VehPwindd VehPwinde Perl State State Larget VehPwinde Perl Larget Rite Larget VehPwinde Perl Larget Rite Larget Ap VehPwindd Perl Larget Ap VehPwinde Perl Larget Ap VehP				
larget_Rie_Inst_Ap_VehPwiMd VehPwiMd_Pert_AremActive_Cnt_lgo				
larget_Rie_Inst_Ap_VehPwMMd VehPwMdd_Pert_DmdDelestDASis_Cnt_u08 target_VehPwMMd_Pert_DmdDelestDASis_Cnt_u08 target_VehPwMMd_Pert_DmdDelestDAVis_Cnt_u05 target_Rie_Inst_Ap_VehPwMMd VehPwMdd_Pert_DmdDelestDAVis_Cnt_u05 target_VehPwMMd_Pert_DmdDelestDAVis_Cnt_u05 target_Rie_Inst_Ap_VehPwMMd_VehPwMdd_Pert_EngON.SniComSvcDf_Cnt_u05 target_Rie_Inst_Ap_VehPwMMd_Pert_EngON.SniComSvcDf_Cnt_u05 target_VehPwMMd_Pert_EngON.SniComSvcDf_Cnt_u05 target_VehPwMMd_Pert_EngON.SniComSvcDf_Cnt_u05 target_VehPwMMd_Pert_EngON.SniComSvcDf_Cnt_u05 target_VehPwMMd_Pert_EngON.SniComSvcDf_Cnt_u05 target_VehPwMMd_Pert_EngON.SniComSvcDf_Cnt_u05 target_VehPwMdd_Pert_EngON.SniComSvcDf_Cnt_u05 target_VehPwMdd_Pert_EngON.SniComSvcDf_Cnt_u05 target_VehPwMdd_Pert_EngON.SniComSvcDf_Cnt_u05 target_VehPwMdd_Pert_EngON.SniComSvcDf_Cnt_u05 target_VehPwMdd_Pert_DoperRampNatue_U05_122 targ			lac	
larget_Nel_Inst_Ap_VehPwMMd_Pert_DmdDelestDASts_Cnt_U08 larget_Nel_Inst_Ap_VehPwMMd_Pert_DmdDelestDAVIG_Cnt_Igc larget_Nel_Inst_Ap_VehPwMMd_VehPwMMd_Pert_EngONSifComSvcDft_Cnt_Igc larget_Nel_Inst_Ap_VehPwMMd_Pert_EngONSifComSvcDft_Cnt_Igc larget_Nel_Inst_Ap_VehPwMMd_Pert_EngONSifComSvcDft_Cnt_Igc larget_Nel_Inst_Ap_VehPwMMd_Pert_EngONSifComSvcDft_Cnt_Igc larget_Nel_Inst_Ap_VehPwMMd_Pert_EngONSifComSvcDft_Cnt_Igc larget_Nel_Inst_Ap_VehPwMMd_Pert_EngON_Cnt_Igc larget_Nel_Inst_Ap_VehPwMMd_Pert_EngON_Cnt_Igc larget_Nel_Inst_Ap_VehPwMMd_Pert_EngON_Cnt_Igc larget_Nel_Inst_Ap_VehPwMMd_Pert_Inst_Ap_VehPwMMd_Pert_Inst_Ap_VehPwMMd_Pert_Inst_Ap_VehPwMMd_Pert_Inst_Ap_VehPwMMd_Pert_Inst_Ap_VehPwMMd_Pert_OperRampRate_XpmS_T32 larget_NelInst_Ap_VehPwMMd_Pert_OperRampMate_Uis_52 larget_NelInst_Ap_VehPwMMd_Pert_Inst_Ap_VehPwMMd_Pert_StiTGSelected_Cnt_Igc larget_NelInst_Ap_VehPwMMd_Pert_MelPwMMd_Pert_StiTGSelected_Cnt_Igc larget_NelInst_Ap_VehPwMMd_Pert_MelPwMMd_Pert_StiTGSelected_Cnt_Igc larget_VehPwMMd_Pert_DmdDelestDaVid_Cnt_Igc value larget_VehPwMMd_Pert_StiTGSelected_Cnt_Igc larget_VehPwMMd_Pert_StiTGSelected_Cnt_Igc larget_VehPwMMd_Pert_DmdDelestDaVid_Cnt_Igc value larget_VehPwMMd_Pert_DmdDelestDaVid_Cnt_Igc value larget_VehPwMMd_Pert_DmdDelestDaVid_Cnt_Igc value larget_VehPwMMd_Pert_MelPwMMd_Pert_DmdDelestDaVid_Cnt_Igc value larget_VehPwMMd_Pert_MelPmMd_Pert_MelPm				
target_Re_Inst_Ap_VehPwMd_Pert_EngONSriComSvDt_Cnt_Igc target_Re_Inst_Ap_VehPwMd_Pert_EngONSriComSvDt_Cnt_Igc target_Re_Inst_Ap_VehPwMd_Pert_EngONSriComSvDt_Cnt_Igc target_VehPwMd_Pert_EngONSriComSvDt_Cnt_Igc target_VehPwMd_Pert_On_Igc target_VehPwMd_Pert_On_Igc target_VehPwMd_Pert_On_Igc target_VehPwMd_Pert_On_Igc target_VehPwMd_Pert_On_Igc target_VehPwMd_Pert_Igc target			•	
target_Rie_Inst_Ap_VehPwrMd_VehPwrMd_Peri_EngONsriComsvcDft_Cnt_lgc target_Rie_Inst_Ap_VehPwrMd_VehPwrMd_Peri_EngOn_Cnt_lgc target_Rie_Inst_Ap_VehPwrMd_VehPwrMd_Peri_EngOn_Cnt_lgc target_Rie_Inst_Ap_VehPwrMd_VehPwrMd_Peri_EtaNtT_Cnt_u08 target_Rie_Inst_Ap_VehPwrMd_VehPwrMd_Peri_EtaNtT_Cnt_u08 target_Rie_Inst_Ap_VehPwrMd_VehPwrMd_Peri_MEC_Cnt_enum target_Rie_Inst_Ap_VehPwrMd_VehPwrMd_Peri_OperRampRate_XpmS_132 target_Rie_Inst_Ap_VehPwrMd_VehPwrMd_Peri_OperRampRate_XpmS_132 target_Rie_Inst_Ap_VehPwrMd_VehPwrMd_Peri_OperRampRate_XpmS_132 target_Rie_Inst_Ap_VehPwrMd_VehPwrMd_Peri_OperRampRate_XpmS_132 target_Rie_Inst_Ap_VehPwrMd_VehPwrMd_Peri_OperRampRate_XpmS_132 target_Rie_Inst_Ap_VehPwrMd_VehPwrMd_Peri_StriComVehSpd_Kpm_132 target_Rie_Inst_Ap_VehPwrMd_VehPwrMd_Peri_StriComVehSpd_Kpm_132 target_Rie_Inst_Ap_VehPwrMd_VehPwrMd_Peri_StriComVehSpd_Kpm_132 target_Rie_Inst_Ap_VehPwrMd_VehPwrMd_Peri_StriComVehSpd_Kpm_132 target_VehPwrMd_Peri_DmODelestDaNid_Cnt_lgc_value target_VehPwrMd_Peri_EngOn_Cnt_lgc_value targe				
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target_Nel_mst_Ap_VehPwrMd_Perrl_EtatMT_Cnt_u08 target_Nel_mst_Ap_VehPwrMd_Perrl_MEC_Cnt_enum target_VehPwrMd_Perrl_MEC_Cnt_enum target_VehPwrMd_Perrl_MEC_Cnt_enum target_Nel_mst_Ap_VehPwrMd_VehPwrMd_Perrl_OperRampRate_xpm_512 target_Rel_mst_Ap_VehPwrMd_VehPwrMd_Perrl_OperRampRate_xpm_512 target_Rel_mst_Ap_VehPwrMd_VehPwrMd_Perrl_OperRampWalue_Uis_f32 target_Rel_mst_Ap_VehPwrMd_VehPwrMd_Perrl_OperRampWalue_Uis_f32 target_Rel_mst_Ap_VehPwrMd_VehPwrMd_Perrl_RampDwnStatusComplete_Cnt_lgc target_Rel_mst_Ap_VehPwrMd_VehPwrMd_Perrl_RampDwnStatusComplete_Cnt_lgc target_Rel_mst_Ap_VehPwrMd_VehPwrMd_Perrl_SirGomVehSpd_Kph_f32 target_VehPwrMd_Perrl_SirGomVehSpd_Kph_f32 target_VehPwrMd_Perrl_SirGomVehSpd_Kph_f32 target_VehPwrMd_Perrl_DmdDelestDASts_Cnt_u08.value target_VehPwrMd_Perrl_DmdDelestDASts_Cnt_u08.value target_VehPwrMd_Perrl_DmdDelestDASts_Cnt_u08.value target_VehPwrMd_Perrl_DmdDelestDASts_Cnt_u08.value target_VehPwrMd_Perrl_EtatMT_Cnt_u08.value target_VehPwrMd_Perrl_EtatMT_Cnt_u08.value target_VehPwrMd_Perrl_EtatMT_Cnt_u08.value target_VehPwrMd_Perrl_EtatMT_Cnt_u08.value target_VehPwrMd_Perrl_DmdDelestDASts_Cnt_u08.value target_VehPwrMd_Perrl_EtatMT_Cnt_u08.value target_VehPwrMd_Perrl_EtatMT_Cnt_u08.value target_VehPwrMd_Perrl_EtatMT_Cnt_u08.value target_VehPwrMd_Perrl_EtatMT_Cnt_u08.value target_VehPwrMd_Perrl_Target_VehPwrMd_Perrl_			DIL_CIIL_IGC	
larget_Rie_Inst_Ap_VehPwMd_VehPwMd_Per1_OperRampRate_XpmS_122 target_Rel_Inst_Ap_VehPwMd_VehPwMd_Per1_OperRampRate_XpmS_132 target_Rel_Inst_Ap_VehPwMd_VehPwMd_Per1_OperRampRate_Usls_132 target_Rie_Inst_Ap_VehPwMd_VehPwMd_Per1_OperRampRate_Usls_132 target_Rie_Inst_Ap_VehPwMd_VehPwMd_Per1_OperRampWate_Usls_132 target_Rie_Inst_Ap_VehPwMd_VehPwMd_Per1_OperRampWate_Usls_132 target_Rie_Inst_Ap_VehPwMd_VehPwMd_Per1_OperRampWate_Usls_132 target_Rie_Inst_Ap_VehPwMd_VehPwMd_Per1_RampDwnStatusComplete_Cnt_Ugc target_VehPwMd_Per1_Cnt_Ugc target_VehPwMd_Per1_TratSelected_Cnt_Ugc target_VehPwMd_Per1_RampDwnStatusComplete_Cnt_Ugc target_VehPwMd_Per1_RampDwnStatusComplete_Cnt_U		0 00		
target_Rel_inst_Ap_VehPwrMd_VehPwrMd_Perl_OperRampRate_XpmS_f32 target_VehPwrMd_Perl_OperRampRate_XpmS_f32 target_Rel_inst_Ap_VehPwrMd_VehPwrMd_Perl_OperRampMulb_Ulls_f32 target_Rel_inst_Ap_VehPwrMd_VehPwrMd_Perl_OperRampMulb_Ulls_f32 target_Rel_inst_Ap_VehPwrMd_VehPwrMd_Perl_OperRampMulb_Ulls_f32 target_VehPwrMd_Perl_OperRampMoulb_Ulls_f32 target_Rel_inst_Ap_VehPwrMd_VehPwrMd_Perl_SrlfGelected_Cnt_Ugc target_VehPwrMd_Perl_STTGSelected_Cnt_Ugc target_Rel_inst_Ap_VehPwrMd_VehPwrMd_Perl_SrlfGenVehSpd_Kph_f32 target_VehPwrMd_Perl_STTGSelected_Cnt_Ugc target_Rel_inst_Ap_VehPwrMd_Perl_SrlfGenVehSpd_Kph_f32 target_VehPwrMd_Perl_SrlfGenVehSpd_Kph_f32 target_Rel_inst_Ap_VehPwrMd_Perl_SrlfGenVehSpd_Kph_f32 target_VehPwrMd_Perl_DmdDelestDASis_Cnt_Ugc_value target_VehPwrMd_Perl_DmdDelestDASis_Cnt_Ugc_value 0 target_VehPwrMd_Perl_EngON_Cnt_Ugc_value 1 target_VehPwrMd_Perl_EngON_Cnt_Ugc_value 3 target_VehPwrMd_Perl_DutpUtRampMult_Uls_f32_value 1 target_VehPwrMd_Perl_SrlfGenVehSpd_Kph_f32_value 1 target_VehPwrMd_Perl_SrlfGenVehSpd_Kph_f32_value 87.3906021 target_VehPwrMd_Perl_VehSpdValid_Cnt_Ugc_value 1 target_VehPwrMd_Perl_VehSpdValid_Cnt_Ugc_value 1 target_VehPwrMd_Perl_VehSpdValid_Cnt_Ugc_value 1				
target_Rel_inst_Ap_VehPwrMd_VehPwrMd_Perl_OuptrRampMult_Uls_f32 target_Rel_inst_Ap_VehPwrMd_VehPwrMd_Perl_OuptrRampMult_Uls_f32 target_Rel_inst_Ap_VehPwrMd_VehPwrMd_Perl_CarpMult_Uls_f32 target_Rel_inst_Ap_VehPwrMd_VehPwrMd_Perl_RampDwnStatusComplete_Cnt_ target_Rel_inst_Ap_VehPwrMd_VehPwrMd_Perl_STTGSelected_Cnt_ target_Rel_inst_Ap_VehPwrMd_VehPwrMd_Perl_STTGSelected_Cnt_ target_Rel_inst_Ap_VehPwrMd_VehPwrMd_Perl_STTGSelected_Cnt_ target_VehPwrMd_Perl_STTGSelected_Cnt_ target_VehPwrMd_Perl_STGSelected_Cnt_ target_VehPwrMd_Perl_DmdDelestDxRsts_Cnt_u08_value target_VehPwrMd_Perl_DmdDelestDxRsts_Cnt_u08_value target_VehPwrMd_Perl_DmdDelestDxRsts_Cnt_u08_value target_VehPwrMd_Perl_EngONSriComSvcDt_Cnt_ to_value target_VehPwrMd_Perl_MEC_Cnt_enum_value target_VehPwrMd_Perl_MEC_Cnt_enum_value target_VehPwrMd_Perl_STTGSelected_Cnt_ to_value target_VehPwrMd_Perl_STTGSelected_Cnt_ to_value target_VehPwrMd_Perl_STGSelected_Cnt_			nmC f22	
target_Rel_Inst_Ap_VehPwrMd.VehPwrMd_Perl_OutputRampMult_Uls_f32 target_Rel_Inst_Ap_VehPwrMd_VehPwrMd_Perl_RampDwnStatusComplete_Cnt_listarget_Rel_Inst_Ap_VehPwrMd_VehPwrMd_Perl_STrGSelected_Cnt_Ugc target_Rel_Inst_Ap_VehPwrMd_VehPwrMd_Perl_STrGSelected_Cnt_Ugc target_Rel_Inst_Ap_VehPwrMd_VehPwrMd_Perl_StrGomVehSpd_Kph_f32 target_Rel_Inst_Ap_VehPwrMd_VehPwrMd_Perl_StrGomVehSpd_Kph_f32 target_VehPwrMd_Perl_DmdDelestDASts_Cnt_Ugc.value 1 target_VehPwrMd_Perl_DmdDelestDASts_Cnt_Ugc.value 0 1 target_VehPwrMd_Perl_EngONsfComSvcDt_Cnt_Ugc.value 1 1 target_VehPwrMd_Perl_EngOn_Cnt_Ugc.value 1 1 target_VehPwrMd_Perl_EngOn_Cnt_Ugc.value 3 1 target_VehPwrMd_Perl_EngOn_Cnt_Ugc.value 1 1 target_VehPwrMd_Perl_StrTGSelected_Cnt_Ugc.value 1 1 target_VehPwrMd_Perl_VehPyrMd_Perl_StrTGSelected_Cnt_Ugc.value 1				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc target_VehPwrMd_Per1_STTGSelected_Cnt_lgc target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTGSelected_Cnt_lgc target_VehPwrMd_Per1_STTGSelected_Cnt_lgc target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrtGomVehSpd_Kph_f32 target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value 1 ************************************			_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc target_VehPwrMd_Per1_STTdSelected_Cnt_Igc target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SriComVehSpd_Kph_f32 target_VehPwrMd_Per1_UehSpd_Kph_f32 target_VehPwrMd_Per1_DmdDelestDASts_Cnt_U08_value 1 target_VehPwrMd_Per1_EngONSriComSvcDft_Cnt_Igc_value 0 target_VehPwrMd_Per1_EngONSriComSvcDft_Cnt_Igc_value 1 target_VehPwrMd_Per1_EngON_Cnt_Igc_value 0 target_VehPwrMd_Per1_EngON_Cnt_Igc_value 1 target_VehPwrMd_Per1_EngON_Cnt_Igc_value 1 target_VehPwrMd_Per1_EngON_Cnt_Igc_value 3 target_VehPwrMd_Per1_MEC_Cnt_enum_value 1 target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_Igc_value 1 target_VehPwrMd_Per1_SriComVehSpd_Kph_f32_value 1 target_VehPwrMd_Per1_SriComVehSpd_Kph_f32_value 1 target_VehPwrMd_Per1_SriComVehSpd_Kph_f32_value 87.3906021 target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc_value 1 target_VehPwrMd_Per1_SriComVehSpd_Kph_f32_value 1 ATerm_Ins_m_M_u32 1195407159 195407159 ATerm_Ins_m_S_M_u32 1195407159 195407159 Y CTermIgnOnTimer_mS_M_u32 <				
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target_VehPwrMd_Pert_DmdDelestDaNd_Cnt_lgc.value 1 target_VehPwrMd_Pert_EngONSrlComSvcDft_Cnt_lgc.value 0 target_VehPwrMd_Pert_EngONSrlComSvcDft_Cnt_lgc.value 1 target_VehPwrMd_Pert_EngOn_Cnt_lgc.value 0 target_VehPwrMd_Pert_EtatMT_Cnt_u08.value 3 target_VehPwrMd_Pert_MEC_Cnt_enum.value 1 target_VehPwrMd_Pert_MEC_Cnt_enum.value 1 target_VehPwrMd_Pert_AmpDwnStatusComplete_Cnt_lgc.value 1 target_VehPwrMd_Pert_SrlComVehSpd_Kph_f3z.value 1 target_VehPwrMd_Pert_SrlComVehSpd_Kph_f3z.value 87.3906021 target_VehPwrMd_Pert_VehSpdValid_Cnt_lgc.value 0 Name Actual Value Expected Value Result ATerm_Cnt_M_lgc 1 1 4 CTermIgnOffTimer_mS_M_u32 1195407159 1195407159 V CTermIgnOfTimer_mS_M_u32 1195407159 1195407159 V CTermCnt_M_lgc 0 0 0 CTermCnt_M_lgc 0 0 0 CTermCnt_M_lgc 0 0 0 CTermCnt_M_lgc 0 0			-	
target_VehPwrMd_Perl_EngONsrlComSvcDft_Cnt_lgc.value 0 target_VehPwrMd_Perl_EngON_Cnt_lgc.value 1 target_VehPwrMd_Perl_EngON_Cnt_lgc.value 0 target_VehPwrMd_Perl_EngON_Cnt_lgc.value 0 target_VehPwrMd_Perl_EntdTC_Cnt_uow.value 3 target_VehPwrMd_Perl_MCC_Cnt_enum.value 1 target_VehPwrMd_Perl_OutputRampMult_Uls_f32.value 0.658100009 target_VehPwrMd_Perl_SncOmVehSpd_Eng.value 1 target_VehPwrMd_Perl_SrlComVehSpd_Kph_f32.value 1 target_VehPwrMd_Perl_SrlComVehSpd_Kph_f32.value 87.3906021 target_VehPwrMd_Perl_VehSpdValid_Cnt_lgc.value 0 Name Actual Value Expected Value Result ATermTimer_mS_M_u32 1195407159 1195407159 V ATerm_Cnt_M_lgc 1 1 V CTermIgnOfTimer_mS_M_u32 1195407159 1195407159 V CTermCnt_M_lgc 0 0 0 V CTerm_Cnt_M_lgc 0 0 0 V CTerm_Cnt_M_lgc 0 0 0 V Carget_VehPwrMd_Per			_igc	
target_VehPwrMd_Per1_EngONSrlComSvcDtf_Cnt_lgc.value 1 target_VehPwrMd_Per1_EngOn_Cnt_lgc.value 0 target_VehPwrMd_Per1_EtatMT_Cnt_u08.value 3 target_VehPwrMd_Per1_EtatMT_Cnt_u08.value 1 target_VehPwrMd_Per1_MEC_Cnt_enum.value 0.658100009 target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value 1 target_VehPwrMd_Per1_STrlGselected_Cnt_lgc.value 1 target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value 87.3906021 target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value 0 VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 0 Name Actual Value Expected Value Result ATerm_Timer_mS_M_u32 1195407159 1195407159 ✓ ATerm_Cnt_M_lgc 1 1 1 CTermIgnOnTimer_mS_M_u32 1195407159 1195407159 ✓ CTermCnt_M_lgc 0 0 ✓ CTerm_Cnt_M_lgc 0 0 ✓ CTerm_Cnt_M_lgc 0 0 ✓ CTerm_Cnt_M_lgc 0 0 ✓ CTerm_Cnt_M_lgc 0 0 </td <td></td> <td></td> <td></td> <td></td>				
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value 0 target_VehPwrMd_Per1_EtatMT_Cnt_u08.value 3 target_VehPwrMd_Per1_MEC_Cnt_enum.value 1 target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value 0.658100009 target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value 1 target_VehPwrMd_Per1_STrIdSelected_Cnt_lgc.value 1 target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value 87.3906021 target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 0 Name Actual Value Expected Value Result ATerm_Timer_mS_M_u32 1195407159 1195407159 ✓ ATerm_Cnt_M_lgc 1 1 ✓ CTermIgnOnTimer_mS_M_u32 1195407159 1195407159 ✓ CTermVehSpdInvalidTimer_mS_M_u32 1195407159 1195407159 ✓ CTerm_Cnt_M_lgc 0 0 0 <				
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value 3 target_VehPwrMd_Per1_MEC_Cnt_enum.value 1 target_VehPwrMd_Per1_OutputRampMult_UIs_f32.value 0.658100009 target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value 1 target_VehPwrMd_Per1_STTGselected_Cnt_lgc.value 1 target_VehPwrMd_Per1_STGloenVehSpd_Kph_f32.value 87.3906021 target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 0 VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 0 AtermEnd_ms_M_u32 1195407159 1195407159 ATerm_Cnt_M_lgc 1 1 ATerm_Cnt_M_lgc 1 1 4 CTermIgnOnTimer_mS_M_u32 1195407159 1195407159 195407159 4 CTermVehSpdInvalidTimer_mS_M_u32 1195407159 1195407159 4 4 CTerm_Cnt_M_lgc 0 0 4 4 CTerm_Cnt_M_lgc 0 0 4 4 CTerm_Cnt_M_lgc 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4				
target_VehPwrMd_Per1_MEC_Cnt_enum.value 1 target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value 0.658100009 target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value 1 target_VehPwrMd_Per1_SrTdSelected_Cnt_lgc.value 1 target_VehPwrMd_Per1_SrIComVehSpd_Kph_f32.value 87.3906021 target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 0 Name Actual Value Expected Value Result ATermTimer_mS_M_u32 1195407159 1195407159 ✓ ATerm_Cnt_M_lgc 1 1 ✓ CTermIgnOffTimer_mS_M_u32 1195407159 1195407159 ✓ CTermLont_mc_mS_M_u32 1195407159 1195407159 ✓ CTermVehSpdInvalidTimer_mS_M_u32 1195407159 1195407159 ✓ CTerm_Cnt_M_lgc 0 0 ✓ RampStatus_Cnt_M_u08 2 2 2 target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value				
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value 0.658100009 target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value 1 target_VehPwrMd_Per1_STrdSelected_Cnt_lgc.value 1 target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value 87.3906021 target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 0 Name Actual Value Expected Value Result ATermTimer_mS_M_u32 1195407159 1195407159 ✓ ATerm_Cnt_M_lgc 1 1 1 ✓ CTermIgnOffTimer_mS_M_u32 1195407159 1195407159 ✓ CTermVehSpdInvalidTimer_mS_M_u32 1195407159 1195407159 ✓ CTerm_Cnt_M_lgc 0 0 ✓ CTerm_Cnt_M_lgc 1 1 ✓ CTerm_Cnt_M_lgc 0 0 ✓ CTerm_Cnt_M_lgc 0 <				
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value 1 target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value 1 target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value 87.3906021 target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 0 Name Actual Value Expected Value Result ATerm_Imer_mS_M_u32 1195407159 1195407159 ✓ ATerm_Cnt_M_lgc 1 1 1 ✓ CTermIgnOnTimer_mS_M_u32 1195407159 1195407159 ✓ 1195407159 ✓ CTermVehSpdInvalidTimer_mS_M_u32 1195407159 1195407159 ✓ ✓ 0 ✓ CTerm_Cnt_M_lgc 0 0 ✓ 0 ✓ 0 ✓ CTerm_Cnt_M_u08 2 2 2 2 ✓ 2 4				
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value 1 target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value 87.3906021 target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 0 Name Actual Value Expected Value Result ATerm_Imer_mS_M_u32 1195407159 1195407159 ✓ ATerm_Cnt_M_lgc 1 1 1 ✓ CTermIgnOnTimer_mS_M_u32 1195407159 1195407159 ✓ ✓ CTermVehSpdInvalidTimer_mS_M_u32 1195407159 1195407159 ✓ ✓ CTerm_Cnt_M_lgc 0 0 ✓ ✓ CTerm_Cnt_M_lgc 0 0 ✓ ✓ RampStatus_Cnt_M_u08 2 2 2 ✓ target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1 ✓ target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value 1 1 ✓ target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value 0.001667 0.001667 ± 0.015625 ✓				
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value 87.3906021 target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 0 Name Actual Value Expected Value Result ATerm_Cnt_M_gc 1195407159 1195407159 195407159 ATerm_Cnt_M_lgc 1 1 1 CTermIgnOnTimer_mS_M_u32 1195407159 1195407159 195407159 CTermVehSpdInvalidTimer_mS_M_u32 1195407159 1195407159 195407159 CTerm_Cnt_M_lgc 0 0 0 CTerm_Cnt_M_lgc 0 0 0 RampStatus_Cnt_M_u08 2 2 2 target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1 4 target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value 1 1 4 target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value 0.001667 0.001667 ± 0.015625 ✓				
target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value 0 Name Actual Value Expected Value Result ATermTimer_mS_M_u32 1195407159 1195407159 1 ATerm_Cnt_M_lgc 1 1 1 1 CTermIgnOnTimer_mS_M_u32 1195407159 1195407159 1195407159 ✓ CTermVehSpdInvalidTimer_mS_M_u32 1195407159 1195407159 ✓ ✓ CTerm_Cnt_M_lgc 0 0 ✓ ✓ RampStatus_Cnt_M_u08 2 2 2 target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1 ✓ target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value 1 1 ✓ target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value 0.001667 0.001667 ± 0.015625 ✓				
Name Actual Value Expected Value Result ATermTimer_mS_M_u32 1195407159 1195407159 ✓ ATerm_Cnt_M_lgc 1 1 1 ✓ CTermIgnOnTimer_mS_M_u32 1195407159 1195407159 ✓ CTermVehSpdInvalidTimer_mS_M_u32 1195407159 1195407159 ✓ CTerm_Cnt_M_lgc 0 0 ✓ RampStatus_Cnt_M_u08 2 2 2 target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1 ✓ target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value 1 1 ✓ target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value 0.001667 0.001667 ± 0.015625 ✓		07.3900021		
ATermTimer_mS_M_u32 1195407159 1195407159 ATerm_Cnt_M_gc 1 1 CTermIgnOffTimer_mS_M_u32 1195407159 1195407159 CTermVehSpdInvalidTimer_mS_M_u32 1195407159 1195407159 CTerm_Cnt_M_lgc 0 0 RampStatus_Cnt_M_u08 2 2 target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1 target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value 1 1 target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value 0.001667 0.001667 ± 0.015625			I=	1_
ATerm_Cnt_M_lgc 1 1 1 1 CTermIgnOffTimer_mS_M_u32 1195407159 1195407159 1195407159 1195407159 1195407159 1195407159 1195407159 1195407159 1195407159 1195407159 1195407159 0			· ·	Result
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CTermIgnOnTimer_mS_M_u32 1195407159 1195407159 CTermVehSpdInvalidTimer_mS_M_u32 1195407159 1195407159 CTerm_Cnt_M_lgc 0 0 RampStatus_Cnt_M_u08 2 2 target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1 target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value 1 1 target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value 0.001667 0.001667 ± 0.015625				
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RampStatus_Cnt_M_u08 2 2 target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1 target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value 1 1 target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value 0.001667 0.001667 ± 0.015625	CTermVehSpdInvalidTimer_mS_M_u32			
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1 target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value 1 1 target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value 0.001667 0.001667 ± 0.015625	·			
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value 1 1 1				
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value 0.001667 0.001667 0.001667 ■ 0.001667 0.001667 0.001667	0 = = = = = = = = = = = = = = = = = = =		1	~
· · · - · - · - · · - · · - ·		1	1	
target VehPwrMd Per1 OperRampValue Uls f32.value 9.99999975e-005 9.99999975e-005 ± 0.00006103515625 ✓			0.001667 ± 0.015625	~
	target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.9999975e-005	9.99999975e-005 ± 0.00006103515625	~

Test Step Call Trace				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 An VehPwrMd SystemTime GetSystemTime mS u32	1	Rte Call An VehPwrMd SystemTime GetSystemTime mS u32	1	-

Test Step 3.4 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	2641520828
ATerm_Cnt_M_lgc	0
CTermlgnOffTimer_mS_M_u32	2254785243
CTermIgnOnTimer_mS_M_u32	2908122258





Name	Input Value				
CTermVehSpdInvalidTimer_mS_M_u32	4141369014				
CTerm Cnt M lgc	1				
RampStatus_Cnt_M_u08	1	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)		0 e_DtrmnElapsedTime_mS_u16_ElapsedTime	9		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime				
Rte_Inst_Ap_VehPwrMd		arget_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0				
k_ATermTimeout_mS_u16	4000				
k_CTermIgnOffTimeout_mS_u16	0				
k_CTermIgnOnTimeout_mS_u16	0				
k CTermVehSpdInvalidTimeout mS u16	45				
k RampDnRt UlspmS f32	.001667				
k_RampUpRtLoSpd_UlspmS_f32	0.001667				
k_STTdEntryThresh_Kph_f32	10				
k_STTdExitThresh_Kph_f32	10				
k_STTdRampDownRate_UlspmS_f32	0.001667				
k_STTdRampUpRate_UlspmS_f32	0.001667				
k_VehSpdThresh_Kph_f32	8.5				
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0				
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse					
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	lac			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	•			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target VehPwrMd Per1 DmdDelestDaVld				
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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32				
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt I		target VehPwrMd Per1 RampDwnStatusComplete Cnt Igc			
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_	_			
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	. •			
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0				
target VehPwrMd Per1 EngONSrlComSvcDft Cnt lgc.value	0				
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1				
target VehPwrMd Per1 EtatMT Cnt u08.value	7				
target VehPwrMd Per1 MEC Cnt enum.value	1				
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.703700006				
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0				
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0				
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	314.364807				
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1				
Name	Actual Value	Expected Value	Result		
ATermTimer_mS_M_u32	374540228	374540228	-		
ATerm Cnt M lgc	1	1	-		
CTermIgnOffTimer mS M u32	374540228	374540228	-		
CTermIgnOnTimer mS M u32	374540228	374540228			
CTermVehSpdInvalidTimer_mS_M_u32	374540228	374540228			
CTerm_Cnt_M_lgc	1	1	•		
RampStatus Cnt M u08	0	0			
target VehPwrMd Per1 ATermActive Cnt Igc.value	1	1	~		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1			
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	-		
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0±0.001067 ± 0.013625 0±0.00006103515625			
Targot_voin winit_i or i_Operitainpvalue_ors_roz.value	~	0 ± 0.00000 1000 10020			

Test Step Call Trace				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	_

Test Step 3.5 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	3299889764

VehPwrMd_Per1





Name	Input Value			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	2455001840			
CTermIgnOnTimer_mS_M_u32	2825269926			
CTermVehSpdInvalidTimer_mS_M_u32	3908995911			
CTerm Cnt M lgc	0			
RampStatus_Cnt_M_u08	0			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target Rte Call Ap VehPwrMd EpsEn OF	arget_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_SystemTin			
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1			
k_ATermTimeout_mS_u16	4000			
k_CTermIgnOffTimeout_mS_u16	0			
k_CTermIgnOnTimeout_mS_u16	0			
k CTermVehSpdInvalidTimeout mS u16	45			
k_RampDnRt_UlspmS_f32	0.001667			
k_RampUpRtLoSpd_UlspmS_f32	0.001667			
k_STTdEntryThresh_Kph_f32	10			
k_STTdExitThresh_Kph_f32	10			
k_STTdRampDownRate_UlspmS_f32	0.001667			
k_STTdRampUpRate_UlspmS_f32	0.001667			
k_VehSpdThresh_Kph_f32	8.5			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse				
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTime target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTime	2528898563			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_	_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_	Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	pmS 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_	Uls f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_I				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	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_DmdDelestDASts_Cnt_u08.value		-90		
target_VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc.value	1			
	0			
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value				
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	15			
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.393099993			
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	3.1184001			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
Name	Actual Value	Expected Value	Result	
ATermTimer_mS_M_u32	2528898563	2528898563	-	
ATerm_Cnt_M_lgc	1	1	→	
CTermIgnOffTimer_mS_M_u32	2528898563	2528898563	-	
CTermIgnOnTimer_mS_M_u32	2528898563	2528898563	•	
CTermVehSpdInvalidTimer_mS_M_u32	2528898563	2528898563		
CTerm_Cnt_M_lgc	0	0	•	
RampStatus_Cnt_M_u08	0	0		
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1		
		'		
	0	0		
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0 001667	0 001667 + 0 015625	•	
	0 0.001667 0	0 0.001667 ± 0.015625 0 ± 0.00006103515625		

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



Test Step 3.6 (Repeat Count = 1)			•
Name	Input Value		
ATermTimer_mS_M_u32	2909229506		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	0		
CTermIgnOnTimer_mS_M_u32	702446271		
CTermVehSpdInvalidTimer_mS_M_u32	1752297084		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	1		
Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_Ol	P GET signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime			nsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTir		
Rte_Inst_Ap_VehPwrMd	target Rte Inst Ap VehPwrMd	ne_cotoystemrime_me_uoz_currer	it i i i i i
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
	0		
k_CTermIgnOnTimeout_mS_u16			
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elaps	e 55800		
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u332_CurrentTime_$	ir 667618818		
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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_	_Cnt_lgc	
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc$	target_VehPwrMd_Per1_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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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_RampDwnStatusComplete_Cnt_	target_VehPwrMd_Per1_RampDwnStatusC	Complete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	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 Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt	_	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1		
target VehPwrMd Per1 DmdDelestDaVld Cnt Igc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	8		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1		
target VehPwrMd Per1 OutputRampMult Uls f32.value	0.447899997		
target VehPwrMd Per1 RampDwnStatusComplete Cnt lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	5.02670002		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value		Property days	-
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	667618818	667618818	•
ATerm_Cnt_M_lgc	1	1	•
CTermIgnOffTimer_mS_M_u32	0	0	•
CTermIgnOnTimer_mS_M_u32	667618818	667618818	•
CTermVehSpdInvalidTimer_mS_M_u32	667618818	667618818	•
CTerm_Cnt_M_lgc	0	0	•
RampStatus_Cnt_M_u08	0	0	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	•
target_verir wild_rer_Opentamproate_xpm3_i32.value			



Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~		
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	✓		

Test Step 3.7 (Repeat Count = 1)	Input Value		
	3937102139		
	1		
= = = 0	4294967295		
	1022049634		
3 1 1 2 1 2 1 2 1 1			
	202839327		
	0		
RampStatus_Cnt_M_u08	1		
	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_GetSystemTime_mS_u32_CurrentTim	е
	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4		
c_ATermTimeout_mS_u16	4000		
c_CTermIgnOffTimeout_mS_u16	0		
CCTermIgnOnTimeout_mS_u16	0		
CTermVehSpdInvalidTimeout_mS_u16	45		
	0.001667		
	0.001667		
_ , , , _ , _	10		
STTdExitThresh Kph f32	10		
	0.001667		
	0.001667		
	8.5		
	0		
3-2			
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_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_		
	target_VehPwrMd_Per1_CTermActive_Cnt_	•	
	target_VehPwrMd_Per1_DmdDelestDASts_		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_	Cnt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc	Dft_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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	pmS_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	Jls_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_I	Jls_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_le	target_VehPwrMd_Per1_RampDwnStatusC	omplete_Cnt_lgc	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 STTdSelected Cnt Igc	target_VehPwrMd_Per1_STTdSelected_Cnf	gc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp		
	target VehPwrMd Per1 VehSpdValid Cnt	_	
	0	:3-	
	1		
	1		
0	0		
	2		
312 1 2 121 21 111	0		
	0.377999991		
	1		
0 =	0		
	8.47270012		
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Res
ATermTimer_mS_M_u32	3918626904	3918626904	
	1	1	
= = = 0	3918626904	3918626904	
	3918626904	3918626904	
•	3918626904	3918626904	
	0	0	
	0	0	
	1 U	111	1





Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target VehPwrMd Per1 OperRampValue Uls f32.value	0	0 ± 0.00006103515625	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~	

Test Step 3.8 (Repeat Count = 1) Name	Input Value		
	1865898064		
	0		
	150458478		
•	1944139875		
	2462275598		
	0		
. ,	0	057 : 1	
	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP		
	target_Rte_Call_Ap_VehPwrMd_SystemTim)
	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_GetSystemTime_mS_u32_CurrentTime	
	target_Rte_Inst_Ap_VehPwrMd		
	3		
	4000		
	0		
	0		
	45		
	0.001667		
	0.001667		
_ , , _	10		
	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	62664		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	1715691368		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_l	gc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	gc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_0	Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_0	Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xp	mS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	ls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_U	lls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusCo	mplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt	_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	h_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	gc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	11		
	2		
	0.0401000008		
	1		
	1		
0 =	4.82289982		
	1		
	Actual Value	Expected Value	Res
	1715691368	1715691368	1163
= = =0	1745004360	1745004200	
	1715691368	1715691368	1
°	1715691368	1715691368	

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

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

Test Step 3.9 (Repeat Count = 1)			✓
Name	Input Value		
ATermTimer_mS_M_u32	1804487558		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	2123589508		
CTermIgnOnTimer mS M u32	0		
CTermVehSpdInvalidTimer_mS_M_u32	2526932424		
CTerm_Cnt_M_lgc	1		
RampStatus Cnt M u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_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()	3		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k CTermIgnOnTimeout mS u16	0		
k CTermVehSpdInvalidTimeout mS u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k STTdExitThresh Kph f32	10		
k STTdRampDownRate UlspmS f32	0.001667		
k STTdRampUpRate UlspmS f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse			
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	lac	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_0		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_0		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvcI	— ·	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xp	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_L	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_I			
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_	_	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	·9-	
target VehPwrMd Per1 DmdDelestDaVld Cnt Igc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target VehPwrMd Per1 EngOn Cnt Igc.value	1		
target VehPwrMd Per1 EtatMT Cnt u08.value	9		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2		
target VehPwrMd Per1 OutputRampMult UIs f32.value	0.980099976		
target VehPwrMd Per1 RampDwnStatusComplete Cnt Igc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	265.365509		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Dogu!
		Expected Value	Result
ATermTimer_mS_M_u32	639056542	639056542	
ATerm_Cnt_M_lgc	1	1	_

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

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



Test Step 3.10 (Repeat Count = 1) Name	Input Value		
ATermTimer_mS_M_u32	2115464945		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	3677342429		
CTermIgnOnTimer mS M u32	4294967295		
CTermVehSpdInvalidTimer mS M u32	2504749452		
CTerm_Cnt_M_lgc	0		
RampStatus_Cnt_M_u08	2		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	_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_Current	Гіте
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32 k_STTdExitThresh_Kph_f32	10		
k STTdRampDownRate UlspmS f32	0.001667		
k STTdRampUpRate UlspmS f32	0.001667		
k VehSpdThresh Kph f32	8.5		
target Rte Call Ap VehPwrMd EpsEn OP GET signal	0		
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse			
	2564191820		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_	lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_	lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_	Cnt_lgc	
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc$	target_VehPwrMd_Per1_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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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_		
	target_VehPwrMd_Per1_RampDwnStatusC	*	
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnitarget_VehPwrMd_Per1_SrlComVehSpd_Ki		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32 target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_	
target VehPwrMd Per1 DmdDelestDASts Cnt u08.value	0	igo	
target_VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	8		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.1329		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	94.3551025		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	2564191820	2564191820	•
ATerm_Cnt_M_lgc	1	1	•
CTermIgnOffTimer_mS_M_u32	2564191820	2564191820	•
CTermIgnOnTimer_mS_M_u32	2564191820	2564191820	•
CTermVehSpdInvalidTimer_mS_M_u32	2564191820	2564191820	•
CTerm_Cnt_M_lgc	0	0	•
RampStatus_Cnt_M_u08	3	3	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0.001667	1 0.001667 ± 0.015625	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value			

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



Test Step 3.11 (Repeat Count = 1)	Input Value		
	3143374571		
	0		
CTermIgnOffTimer mS M u32	2902546499		
CTermIgnOnTimer mS M u32	50214856		
CTermVehSpdInvalidTimer mS M u32	3873418463		
. – – –	1		
	0		
Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target Rte Call Ap VehPwrMd EpsEn OP	GFT signal	
	target_Rte_Call_Ap_VehPwrMd_SystemTim	•	osedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
	3		
<pre>ATermTimeout_mS_u16</pre>	4000		
	0		
	0		
CTermVehSpdInvalidTimeout mS u16	45		
c_RampDnRt_UlspmS_f32	0.001667		
<pre>c_RampUpRtLoSpd_UlspmS_f32</pre>	0.001667		
<_STTdEntryThresh_Kph_f32	10		
<_STTdExitThresh_Kph_f32	10		
<pre>C_STTdRampDownRate_UlspmS_f32</pre>	0.001667		
STTdRampUpRate UlspmS f32	0.001667		
<pre><_VehSpdThresh_Kph_f32</pre>	8.5		
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
rarget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	56396		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_	lgc	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target_VehPwrMd_Per1_CTermActive_Cnt_		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDASts Cnt u08	target_VehPwrMd_Per1_DmdDelestDASts_	-	
rarget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_0		
rarget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvcl		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
arget 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_L		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 OutputRampMult Uls f32	target VehPwrMd Per1 OutputRampMult U		
		_	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cnt		
rarget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_	
arget VehPwrMd Per1 DmdDelestDASts Cnt u08.value	1		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
arget VehPwrMd Per1 EtatMT Cnt u08.value	5		
° =	2		
arget VehPwrMd Per1 OutputRampMult Uls f32.value	0.390799999		
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
	0		
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	180.691299		
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Res
ATermTimer mS M u32	2246335998	2246335998	1/62
ATERMITIME_MS_M_us2	1	1	
ATerm_Cnt_M_igc CTermIgnOffTimer mS M u32			
·	2246335998	2246335998	
CTermIgnOnTimer_mS_M_u32	2246335998	2246335998	
CTermVehSpdInvalidTimer_mS_M_u32	2246335998	2246335998	
	1	1	
	0	0	
arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	
	1	1	
arget_VehPwrMd_Per1_CTermActive_Cnt_lgc.value arget_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	



Test Step Call Trace				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	✓

	Test Step 3.12 (Repeat Count = 1)	Innut Value				
Name	Name	· ·				
TransportTimer M 132 233717891						
	·					
Term Orl M, 196	·					
Times						
Ites Call AP, Verbindtd Epstein, DPI CETrigoral)		1				
Record Ap. Verbendtd. SystemTime. DimmElapsedTime ms. 3/10(ElapsedTime) regr. Ric. Call Ap. Verbendtd. SystemTime ms. 3/10 ElapsedTime regr. Ric. Call Ap. Verbendtd. SystemTime ms. 3/10 ElapsedTime regr. Ric. Call Ap. Verbendtd. SystemTime ms. 3/10 ElapsedTime regr. Ric. Call Ap. Verbendtd. SystemTime ms. 3/10 ElapsedTime regr. Ric. Call Ap. Verbendtd. SystemTime ms. 3/10 ElapsedTime regr. Ric. Call Ap. Verbendtd. SystemTime ms. 3/10 ElapsedTime regr. Ric. Call Ap. Verbendtd. SystemTime ms. 3/10 ElapsedTime regr. Ric. Call Ap. Verbendtd. SystemTime ms. 3/10 ElapsedTime regr. Ric. Call Ap. Verbendtd. SystemTime ms. 3/10 ElapsedTime regr. Ric. Call Ap. Verbendtd. SystemTime ms. 3/10 ElapsedTime regr. Ric. Call Ap. Verbendtd. SystemTime ms. 3/10 ElapsedTime regr. Ric. Call Ap. Verbendtd. SystemTime ms. 3/10 ElapsedTime regr. Ric. Call Ap. Verbendtd. SystemTime ms. 3/10 ElapsedTime regr. Ric. Call Ap. Verbendtd. SystemTime ms. 3/10 ElapsedTime regr. Ric. Call Ap. Verbendtd. SystemTime regr. Ric. Call Ap.	RampStatus_Cnt_M_u08	0				
Italy	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_e	OP_GET_signal			
Ites Made A_Verbrwidd Ites	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	e) target_Rte_Call_Ap_VehPwrMd_System	ime_DtrmnElapsedTime_mS_u16_Elaps	sedTime		
18	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_System	fime_GetSystemTime_mS_u32_Current	Гime		
Afferniment mis until 000 Crimering/Orlineau, mis until 000 Crimering/Orlineau, mis until 000 Crimering/Orlineau, mis until 000 Crimering/Orlineau, mis until 000 Emproperit Ulspenis, D2 Emproperit Emproperit Ulspenis, D2 Emproperit Emproperit Ulspenis, D2 Emproperit Emproperit Ulspenis, D2 Emproperit Em	Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd				
Commisportimeout_ms_u16	Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3				
CTEMPORT CHEMPORT	_ATermTimeout_mS_u16	4000				
CeremiveSpelmontal Timonout_Ins_u16	_CTermIgnOffTimeout_mS_u16	0				
RampDRPL UspmS, 132	_CTermIgnOnTimeout_mS_u16	0				
SamulpRis.Spd_Usipms_132	_CTermVehSpdInvalidTimeout_mS_u16	45				
STTGE/MP/Treesh_Kpt_B2		0.001667				
STTGE/MP/Treesh_Kpt_B2						
STTGRampUpownRate_UlspmS_132	_ , , , , _ , _	10				
STTGRampDyRate UlspmS_132						
STTGRampUpRaie_Ulspins_1322						
	_ , , _ , _	1				
Single Ric Call Ap VehPwrMd SystemTime DtmnElapsedTime mS u16 Elapse stringer Ric Call Ap VehPwrMd SystemTime GetSystemTime mS u32 Currentify SystemTime MS u32 Sys						
		-				
siget, Rie, Inst, Ap, VehPwindd VehPwind, Pert _AttermActive_Cnt_lgc target_Net_Inst, Ap_VehPwindd_VehPwind_Pert_Cort_lgc target_VehPwind_Pert_Cort_lgc siget_Rie_Inst, Ap_VehPwindd VehPwind_Pert_DmidDelestDAVig_Cnt_lgc target_VehPwind_Pert_DmidDelestDAVig_Cnt_lgc target_VehPwind_Pert_DmidDelestDAVig_Cnt_lgc siget_Rie_Inst, Ap_VehPwindd VehPwind_Pert_EngONSriComScott_Cnt_lgc target_VehPwind_Pert_DmidDelestDAVig_Cnt_lgc target_VehPwind_Pert_DmidDelestDAVig_Cnt_lgc siget_Rie_Inst, Ap_VehPwindd VehPwind_Pert_EngONSriComScott_Cnt_lgc target_VehPwind_Pert_EngONSriComScott_Cnt_lgc siget_Rie_Inst, Ap_VehPwindd VehPwind_Pert_EngONSriComScott_Cnt_lgc target_VehPwind_Pert_EngONSriComScott_Cnt_lgc siget_Rie_Inst, Ap_VehPwindd VehPwind_Pert_OperRampRate_XomS_ris2 target_VehPwind_Pert_DelestBavig_Cnt_lgc siget_Rie_Inst, Ap_VehPwind_VehPwind_Pert_OutputRampMult_Uls_Ris2 target_VehPwind_Pert_OperRampRate_XomS_ris2 siget_Rie_Inst, Ap_VehPwind_VehPwind_Pert_StriComVehSpd_Kph_ris2 target_VehPwind_Pert_DelestBavig_Cnt_lgc siget_Rie_Inst, Ap_VehPwind_VehPwind_Pert_StriComVehSpd_Kph_ris2 target_VehPwind_Pert_StriComVehSpd_Kph_ris2 siget_VehPwind_Pert_DelestDavig_Cnt_lgc.value 0 siget_VehPwind_Pert_EngOn_StriComSvcDtt_Cnt_lgc.value 0 siget_VehPwind_Pert_EngOn_Cnt_lgc.value 0 siget_VehPwind_Pert_StriSteled_Cnt_lgc.value 0						
target_Net_Inst_Ap_VehPwMd_VehPwMd_Pert_CremActive_Cnt_lgc			at Iao			
	·					
arget_Re_Inst_Ap_VehPwrMd_VehPwrMd_Pert_EngONsriComSvcDft_Cnt_Igc target_VehPwrMd_Pert_EngON_Cnt_Igc arget_Re_Inst_Ap_VehPwrMd_VehPwrMd_Pert_EngOn_Cnt_Igc target_VehPwrMd_Pert_EngOn_Cnt_Igc arget_Re_Inst_Ap_VehPwrMd_VehPwrMd_Pert_ElatMT_Cnt_u08 target_VehPwrMd_Pert_EngOn_Cnt_Igc arget_Re_Inst_Ap_VehPwrMd_VehPwrMd_Pert_DerCon_enum target_VehPwrMd_Pert_Inst_T_Cut_u08 arget_Re_Inst_Ap_VehPwrMd_Pert_OperRampPale_Usl_St_22 target_Re_Inst_Ap_VehPwrMd_Pert_OperRampPale_Usl_St_22 arget_Re_Inst_Ap_VehPwrMd_Pert_OperRampPale_Usl_St_22 target_Re_Inst_Ap_VehPwrMd_Pert_OperRampPale_Usl_St_22 arget_Re_Inst_Ap_VehPwrMd_Pert_OperRampPale_Usl_St_22 target_VehPwrMd_Pert_OperRampPale_Usl_St_22 arget_Re_Inst_Ap_VehPwrMd_Pert_St_St_St_Cnt_Ugc target_VehPwrMd_Pert_OutputRampMult_Usl_St_32 arget_Re_Inst_Ap_VehPwrMd_Pert_StTGSelected_Cnt_Igc target_VehPwrMd_Pert_StrComVehSpd_Kph_St_22 arget_Re_Inst_Ap_VehPwrMd_Pert_StrComVehSpd_Kph_St_22 target_VehPwrMd_Pert_StrComVehSpd_Kph_St_22 arget_VehPwrMd_Pert_DmDGelestDASts_Cnt_Uslow_aute						
Sarget Re Inst. Ap_VehPwrMd VehPwrMd_Per1_EngOn_Cnt_lgc Sarget_Re Inst. Ap_VehPwrMd_Per1_EngOn_Cnt_lgc Sarget_Re Inst. Ap_VehPwrMd_Per1_EngMT_Cnt_u08 Sarget_Re Inst. Ap_VehPwrMd_Per1_MEC_Cnt_enum Sarget_Re Inst. Ap_VehPwrMd_Per1_MEC_Cnt_enum Sarget_Re Inst. Ap_VehPwrMd_Per1_OperRampValue_Uls_rising Sarget_Re Inst. Ap_VehPwrMd_VehPwrMd_Per1_OperRampValue_Uls_rising Sarget_Re Inst. Ap_VehPwrMd_VehPwrMd_Per1_OperRampValue_Uls_rising Sarget_Re Inst. Ap_VehPwrMd_VehPwrMd_Per1_OperRampValue_Uls_rising Sarget_Re Inst. Ap_VehPwrMd_VehPwrMd_Per1_RemDownStatusComplete_Cnt_lgc Sarget_Re Inst. Ap_VehPwrMd_VehPwrMd_Per1_STTGSelected_Cnt_lgc Sarget_Re Inst. Ap_VehPwrMd_VehPwrMd_Per1_STGOmVehSpd_Kph_rising Sarget_Re Inst. Ap_VehPwrMd_VehPwrMd_Per1_STGOmVehSpd_Kph_rising Sarget_Re Inst. Ap_VehPwrMd_VehPwrMd_Per1_STGOmVehSpd_Kph_rising Sarget_Re Inst. Ap_VehPwrMd_VehPwrMd_Per1_VehSpd_Valid_Cnt_lgc Sarget_VehPwrMd_Per1_STGOmVehSpd_Kph_rising Sarget_VehPwrMd_Per1_STGOmVehSpd						
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_MEC_Cnt_enum target_VehPwrMd_Per1_MEC_Cnt_enum target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OperRampRate_Xpms_f32 target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OperRampVate_Uis_f32 target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OperRampVate_Uis_f32 target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OperRampVate_Uis_f32 target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_CnutputRampMult_Uis_f32 target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_STITdselected_Cnt_Igc target_VehPwrMd_Per1_CnutputRampMult_Uis_f32 target_VehPwrMd_Per1_STITdselected_Cnt_Igc target_VehPwrMd_Per1_STITdselected_Cnt_Igc target_VehPwrMd_Per1_STIComVehSpd_Kph_f32 target_VehPwrMd_Per1_STICOmVehSpd_Kph_f33 target_VehPwrMd_Per1_STICOmVehSpd_Kph_f33 target_VehPwrMd_Per1_STICOmVehSpd_Kph_f33 target_VehP						
arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OperRampRate_Xpms_f32 target_VehPwrMd_Per1_OperRampRate_Xpms_f32 arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OperRampValue_UIs_f32 target_VehPwrMd_Per1_OperRampValue_UIs_f32 arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OutputRampMult_UIs_f32 target_VehPwrMd_Per1_OperRampValue_UIs_f32 arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_STTGSelected_Cnt_Igc target_VehPwrMd_Per1_STTGSelected_Cnt_Igc arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_STGOMVehSpd_Kph_f32 target_VehPwrMd_Per1_STGOMVehSpd_Kph_f32 arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_STGOMVehSpd_Kph_f32 target_VehPwrMd_Per1_STGOMVehSpd_Kph_f32 arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value 0 arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_U08.value 0 arget_VehPwrMd_Per1_EngONSriComSvebTc_Cnt_Igc.value 1 arget_VehPwrMd_Per1_EngON_Cnt_Igc.value 0 arget_VehPwrMd_Per1_EngON_StatusComplete_Cnt_Igc.value 0 arget_VehPwrMd_Per1_StrOmVehSpd_Kph_f32.value 0.772899985 arget_VehPwrMd_Per1_StrOmVehSpd_Kph_f32.value 1 arget_VehPwrMd_Per1_StrOmVehSpd_Kph_f32.value 452.440186 arget_VehPwrMd_Per1_StrOmVehSpd_Kph_f32.value 0 arget_VehPwrMd_Per1_StrOmVehSpd_Kph_f32.value 452.440186 arget_VehPwrMd_Per1_StrOm						
arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Perl_OperRampValue_UIs_f32 target_VehPwrMd_Perl_OperRampValue_UIs_f32 arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Perl_CutputRampMult_UIs_f32 target_VehPwrMd_Perl_OperRampValue_UIs_f32 arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Perl_STTGSelected_Cnt_Igc target_VehPwrMd_Perl_STTGSelected_Cnt_Igc arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Perl_STTGSelected_Cnt_Igc target_VehPwrMd_Perl_STGSelected_Cnt_Igc arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Perl_VehSpdValid_Cnt_Igc target_VehPwrMd_Perl_STGOmVehSpd_Kph_f32 arget_VehPwrMd_Perl_DmdDelestDaXis_Cnt_u08_value 0 arget_VehPwrMd_Perl_EngONSriComSvcDft_Cnt_Igc_value 0 arget_VehPwrMd_Perl_EngOn_Cnt_Igc_value 0 arget_VehPwrMd_Perl_EngOn_Cnt_Igc_value 0 arget_VehPwrMd_Perl_DutpUrRampMult_UIs_f32_value 0 arget_VehPwrMd_Perl_STGSelected_Cnt_Igc_value 0 arget_VehPwrMd_Perl_STGSelected_Cnt_Igc_value 0 arget_VehPwrMd_Perl_STGSelected_Cnt_Igc_value 1 arget_VehPwrMd_Perl_STGSelected_Cnt_Igc_value 1 arget_VehPwrMd_Perl_STGSelected_Cnt_Igc_value 1 arget_VehPwrMd_Perl_STGSelected_Cnt_Igc_value 1 arget_VehPwrMd_Perl_STGSelected_Cnt_Igc_value 1 Actual Value						
arget_Rte_Inst_A_VehPwrMd_VehPwrMd_Per1_OutputRampMult_UIs_f32 target_VehPwrMd_Per1_OutputRampMult_UIs_f32 arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_STITdSelected_Cnt_Igc target_VehPwrMd_Per1_STITdSelected_Cnt_Igc arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_STITdSelected_Cnt_Igc target_VehPwrMd_Per1_STIGSelected_Cnt_Igc arget_Rte_Inst_Ap_VehPwrMd_Per1_VehSpdValid_Cnt_Igc target_VehPwrMd_Per1_STIGSelected_Cnt_Igc arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_Uo8_value 0 arget_VehPwrMd_Per1_EngONsftcomSvcbft_Cnt_Igc_value 0 arget_VehPwrMd_Per1_EngON_Cnt_Igc_value 0 arget_VehPwrMd_Per1_EngON_Cnt_Igc_value 0 arget_VehPwrMd_Per1_EngON_Cnt_Igc_value 0 arget_VehPwrMd_Per1_EngON_Cnt_Igc_value 0 arget_VehPwrMd_Per1_EngON_Cnt_Igc_value 0 arget_VehPwrMd_Per1_EngON_Cnt_Igc_value 0 arget_VehPwrMd_Per1_StriAgselected_Cnt_Igc_value 0 arget_VehPwrMd_Per1_StriComVehSpd_Kph_f32_value 1 arget_VehPwrMd_Per1_StriComVehSpd_Kph_f32_value 1 arget_VehPwrMd_Per1_StriComVehSpd_Kph_f32_value 1 arget_VehPwrMd_Per1_EngON_Group_Strip_Strip_VehPwrMd_Per1_Strip_Cnt_Mpd_Fart_Strip_Cnt_Mpd_Fart_Strip_Strip_Strip_Strip_Strip_Strip_Strip_Strip_Strip_Strip_Strip_Strip_Strip_Strip_Strip_Strip_Strip_Strip_S						
target Ret Inst Ap VehPwrMd VehPwrMd Per1 RampDwnStatus Complete Cnt target VehPwrMd Per1 RampDwnStatus Complete Cnt target VehPwrMd Per1 STTGSelected Cnt Igc target Ret Inst Ap VehPwrMd VehPwrMd Per1 STTGSelected Cnt Igc target Ret Inst Ap VehPwrMd VehPwrMd Per1 STTGSelected Cnt Igc target VehPwrMd Per1 STGSelected Cnt Igc target						
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_Lnst_Ap_VehPwrMd_VehPwrMd_Per1_VehSpdValid_Cnt_Igc target_VehPwrMd_Per1_VehSpdValid_Cnt_Igc arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value 0 arget_VehPwrMd_Per1_EngOhSrlComSvcDft_Cnt_Igc.value 1 arget_VehPwrMd_Per1_EngOn_Cnt_Igc.value 0 arget_VehPwrMd_Per1_EndOn_Cnt_Igc.value 0 arget_VehPwrMd_Per1_EndOn_Cnt_Igc.value 0 arget_VehPwrMd_Per1_EndOn_Cnt_Igc.value 0 arget_VehPwrMd_Per1_EndOn_Cnt_Igc.value 0 arget_VehPwrMd_Per1_EndOn_Cnt_Igc.value 0 arget_VehPwrMd_Per1_DdC_Cnt_Igc.value 1 arget_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value 1 arget_VehPwrMd_Per1_STTdSelected_Cnt_Igc.value 1 arget_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value 452.440186 arget_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value 0 AttermInter_mS_M_u32 548543710 548543710 Yterm_Inter_mS_M_u32 548543710 548543710 YtermInter_mS_M_u32 548543710<	arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32					
garget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Pert_SrlComVehSpd_Kph_f32 target_VehPwrMd_Pert_SrlComVehSpd_Kph_f32 garget_Rte_Inst_Ap_VehPwrMd_Pert_OmdDelestDASts_Ont_u08_value 0 garget_VehPwrMd_Pert_EngOnDelestDASts_Ont_u08_value 0 garget_VehPwrMd_Pert_EngOnSriComSvcDft_Cnt_lgc.value 1 garget_VehPwrMd_Pert_EngOn_Cnt_lgc.value 0 garget_VehPwrMd_Pert_EngOn_Cnt_lgc.value 0 garget_VehPwrMd_Pert_EngOn_Cnt_lgc.value 0 garget_VehPwrMd_Pert_EngOn_Cnt_lgc.value 0 garget_VehPwrMd_Pert_Mc_Cnt_u08.value 7 garget_VehPwrMd_Pert_Mc_Cnt_u08.value 0 garget_VehPwrMd_Pert_Mc_Cnt_u08.value 0 garget_VehPwrMd_Pert_OutputRampMult_Uls_f32.value 1 garget_VehPwrMd_Pert_SrlComVehSpd_Kph_f32.value 1 garget_VehPwrMd_Pert_SrlComVehSpd_Kph_f32.value 452.440186 garget_VehPwrMd_Pert_VehSpdValid_Cnt_lgc.value 0 lame Actual Value Expected Value Nemmark 1 1 Nemmark 1 1 Nemmark 1 1 Nemmark 1 1 Nemmark		target_VehPwrMd_Per1_RampDwnStatus	sComplete_Cnt_lgc			
arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Pert_VehSpdValid_Cnt_lgc target_VehPwrMd_Pert_VehSpdValid_Cnt_lgc arget_VehPwrMd_Pert_DmdDelestDASts_Cnt_u08.value 0 arget_VehPwrMd_Pert_EngONSrlComSvcDft_Cnt_lgc.value 1 arget_VehPwrMd_Pert_EngON_Cnt_lgc.value 1 arget_VehPwrMd_Pert_EngOn_Cnt_lgc.value 7 arget_VehPwrMd_Pert_EngOn_Cnt_enum.value 0 arget_VehPwrMd_Pert_MEC_Cnt_enum.value 0 arget_VehPwrMd_Pert_AmpDwnStatusComplete_Cnt_lgc.value 1 arget_VehPwrMd_Pert_SrlTdSelected_Cnt_lgc.value 1 arget_VehPwrMd_Pert_SrlComVehSpd_Kph_f32.value 1 arget_VehPwrMd_Pert_VehSpdValid_Cnt_lgc.value 1 arget_VehPwrMd_Pert_VehSpdValid_Cnt_lgc.value 0 Actual Value Expected Value Res Actual Value Expected Value </td <td>arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc</td> <td>target_VehPwrMd_Per1_STTdSelected_0</td> <td>Cnt_lgc</td> <td></td>	arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_0	Cnt_lgc			
Arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value 0 0 0 0 0 0 0 0 0	arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_	_Kphf32			
arget_VehPwrMd_Per1_EngONsrlComSvcDft_Cnt_lgc.value 0 arget_VehPwrMd_Per1_EngONsrlComSvcDft_Cnt_lgc.value 1 arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value 0 arget_VehPwrMd_Per1_EtatMT_Cnt_u08.value 7 arget_VehPwrMd_Per1_MEC_Cnt_enum.value 0 arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value 0.772899985 arget_VehPwrMd_Per1_StTdSelected_Cnt_lgc.value 1 arget_VehPwrMd_Per1_StTdSelected_Cnt_lgc.value 1 arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value 452.440186 arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 0 lame Actual Value Expected Value Res Actern_Cnt_M_lgc 1 1 1 CtermIgnOffTimer_mS_M_u32 548543710 548543710 548543710 CtermIgnOffTimer_mS_M_u32 548543710 548543710 548543710 CtermIgnOffTimer_mS_M_u32 548543710 548543710 548543710 CtermSpdInvalidTimer_mS_M_u32 0 0 0 Cterm_Cnt_M_lgc 0 0 0 Cterm_Cnt_M_lgc 0 0 0 cterm_Cnt_M_lgc 0 0 0	arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_C	nt_lgc			
Actual Value Expected Value Research Value Actual Value Tempon Firm Mu32 S48543710 S48543710 S725mm Mu32 S48543710 S725mm Mu32 S725mm	arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0				
Composition	arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0				
Target_VehPwrMd_Per1_EtatMT_Cnt_u08.value Target_VehPwrMd_Per1_EtatMT_Cnt_u08.value O	arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1				
Composition	arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0				
0.772899985 0.77289985 0.772899985 0.772899985 0.772899985 0.772899985 0.77289985	arget_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7				
Common	arget_VehPwrMd_Per1_MEC_Cnt_enum.value	0				
Common	arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.772899985				
1		1				
Actual Value Expected Value Res Actual Value 548543710 548543710 548543710 CtermIgnOnTimer_ms_M_u32 0 0 0 CtermVehSpdInvalidTimer_ms_M_u32 0 0 0 Cterm_Cnt_M_igc 0 0 0 Cterm_Cnt_M_u08 0 0 0 Cre	· · · · · ·	1				
Actual Value Expected Value Res ATERM Timer_mS_M_u32 548543710 548543710 ATERM_Cnt_M_lgc 1 1 CTermIgnOffTimer_mS_M_u32 548543710 548543710 CTermIgnOnTimer_mS_M_u32 548543710 548543710 CTermVehSpdInvalidTimer_mS_M_u32 0 0 CTerm_Cnt_M_lgc 0 0 CRampStatus_Cnt_M_u08 0 0 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1						
Name Actual Value Expected Value Res ATERMTIMER_MS_M_u32 548543710 548543710 1 ATERM_CNT_M_Igc 1 1 1 CTERMIGNONTIMER_mS_M_u32 548543710 548543710 548543710 CTERMICHONTIMER_mS_M_u32 0 0 0 CTERM_CNT_M_Igc 0 0 0 RampStatus_Cnt_M_u08 0 0 0 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1 1						
ATERMTIMER_MS_M_u32 548543710 548543710 ATERM_Cnt_M_lgc 1 1 CTERMIGNORITIMER_mS_M_u32 548543710 548543710 CTERMIGNONTIMER_mS_M_u32 548543710 548543710 CTERMVehSpdInvalidTimer_mS_M_u32 0 0 CTERM_Cnt_M_lgc 0 0 RampStatus_Cnt_M_u08 0 0 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1			Expected Value	Pos		
ATERM_CNT_M_Igc 1 1 CTERMIGNOFITIMER_MS_M_u32 548543710 548543710 CTERMIGNONTIMER_MS_M_u32 548543710 548543710 CTERMICH_MIGNORMS_M_u32 0 0 CTERM_CNT_M_Igc 0 0 RampStatus_Cnt_M_u08 0 0 arget_VehPwrMd_Per1_ATermActive_Cnt_Igc.value 1 1			•	res		
CTermIgnOffTimer_mS_M_u32 548543710 548543710 CTermIgnOnTimer_mS_M_u32 548543710 548543710 CTermVehSpdInvalidTimer_mS_M_u32 0 0 CTerm_Cnt_M_lgc 0 0 RampStatus_Cnt_M_u08 0 0 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1						
CTermIgnOnTimer_mS_M_u32 548543710 548543710 CTermVehSpdInvalidTimer_mS_M_u32 0 0 CTerm_Cnt_M_lgc 0 0 RampStatus_Cnt_M_u08 0 0 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1						
CTermVehSpdInvalidTimer_mS_M_u32 0 0 CTerm_Cnt_M_lgc 0 0 RampStatus_Cnt_M_u08 0 0 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1						
CTerm_Cnt_M_lgc 0 0 RampStatus_Cnt_M_u08 0 0 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1						
RampStatus_Cnt_M_u08 0 0 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1		-	-			
arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1		1				
	RampStatus_Cnt_M_u08					
	LIVER MEDICAL ACTIONS	1	1			
	rget_VehPwrMd_Per1_ATermActive_Cnt_Igc.value rget_VehPwrMd_Per1_CTermActive_Cnt_Igc.value	1	1			

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

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

est Step 3.13 (Repeat Count = 1)	Input Value		
	·		
TermTimer_mS_M_u32	4003381450		
Term_Cnt_M_lgc	2631778155		
TermIgnOffTimer_mS_M_u32			
TermIgnOnTimer_mS_M_u32	1166061166		
TermVehSpdInvalidTimer_mS_M_u32	4294967295		
Term_Cnt_M_lgc	1		
ampStatus_Cnt_M_u08	2		
tte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	•	
tte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		e_DtrmnElapsedTime_mS_u16_ElapsedTime	
tte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_GetSystemTime_mS_u32_CurrentTime	
tte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
te_Mode_Ap_VehPwrMd_SystemState_Mode()	0		
_ATermTimeout_mS_u16	4000		
_CTermIgnOffTimeout_mS_u16	0		
_CTermIgnOnTimeout_mS_u16	0		
_CTermVehSpdInvalidTimeout_mS_u16	45		
_RampDnRt_UlspmS_f32	0.001667		
_RampUpRtLoSpd_UlspmS_f32	0.001667		
_STTdEntryThresh_Kph_f32	10		
_STTdExitThresh_Kph_f32	10		
_STTdRampDownRate_UlspmS_f32	0.001667		
_STTdRampUpRate_UlspmS_f32	0.001667		
_VehSpdThresh_Kph_f32	8.5		
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	24		
arget Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTir	2911072950		
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 Igc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_0		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngOn Cnt Igc	target VehPwrMd Per1 EngOn Cnt Igc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	omS f32	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampValue Uls f32	target Vehrwind_rel1_OperRampValue L		
		-	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_L		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_li		. – – .	
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	_	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_EtatMT_Cnt_u08.value	1		
arget_VehPwrMd_Per1_MEC_Cnt_enum.value	1		
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.250499994		
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	405.841003		
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
lame	Actual Value	Expected Value	Res
TermTimer_mS_M_u32	4003381450	4003381450	
Term Cnt M lgc	0	0	
TermIgnOffTimer mS M u32	2911072950	2911072950	
TermIgnOnTimer_mS_M_u32	2911072950	2911072950	





Name	Actual Value	Expected Value	Result
	2	e e e e e e e e e e e e e e e e e e e	Rosuit
CTerm_Cnt_M_lgc	0	U	•
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✓

Test Step Call Trace				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_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	~

Test Step 3.14 (Repeat Count = 1)	🗸
Name	Input Value
ATermTimer_mS_M_u32	2759189766
ATerm_Cnt_M_lgc	1
CTermlgnOffTimer_mS_M_u32	3173491164
CTermIgnOnTimer mS M u32	1769229647
CTermVehSpdInvalidTimer_mS_M_u32	875462117
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	2
Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target Rte Call Ap VehPwrMd EpsEn OP GET signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	
Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
k CTermIgnOffTimeout mS u16	0
- · · ·	0
k_CTermIgnOnTimeout_mS_u16 k_CTermVehSpdInvalidTimeout_mS_u16	45
	0.001667
k_RampDnRt_UlspmS_f32	0.001667
k_RampUpRtLoSpd_UlspmS_f32	
k_STTdEntryThresh_Kph_f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	
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_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	15
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.952700019
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target VehPwrMd Per1 STTdSelected Cnt lgc.value	1
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	148.285706
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0
Name	Actual Value Expected Value Result
	2759189766 2759189766 • • • • • • • • • • • • • • • • • •
ATermTimer_mS_M_u32	2139109100

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

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	✓
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	2	~

ame	Input Value
	3779209849
TermTimer_mS_M_u32	
Term_Cnt_M_lgc	0
TermIgnOffTimer_mS_M_u32	2897129192
TermIgnOnTimer_mS_M_u32	430379121
TermVehSpdInvalidTimer_mS_M_u32	2913191319
Term_Cnt_M_lgc	0
ampStatus_Cnt_M_u08	1
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
re_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
e_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
e_Mode_Ap_VehPwrMd_SystemState_Mode()	2
ATermTimeout_mS_u16	4000
CTermIgnOffTimeout_mS_u16	0
CTermIgnOnTimeout_mS_u16	0
CTermVehSpdInvalidTimeout_mS_u16	45
RampDnRt_UlspmS_f32	0.001667
RampUpRtLoSpd_UlspmS_f32	0.001667
STTdEntryThresh_Kph_f32	10
STTdExitThresh_Kph_f32	10
STTdRampDownRate_UlspmS_f32	0.001667
STTdRampUpRate_UlspmS_f32	0.001667
VehSpdThresh_Kph_f32	8.5
rget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
rget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	2389
get Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTir	
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt_lgc
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target VehPwrMd Per1 CTermActive Cnt Igc
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
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_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
get_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_venrwmid_ren_mico_cnt_enum target_venrwmid_ren_mico_cnt_enum target_venrwmid_ren_mico_cnt_enum
get_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
get_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_li	
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	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_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
rget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0
get_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
get_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
get_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
rget_VehPwrMd_Per1_EtatMT_Cnt_u08.value	12
rget_VehPwrMd_Per1_MEC_Cnt_enum.value	1
rget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.818300009
rget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
rget VehPwrMd Per1 STTdSelected Cnt lgc.value	0

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Name	Input Value		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	490.978088		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3766846794	3766846794	~
ATerm_Cnt_M_lgc	1	1	~
CTermIgnOffTimer_mS_M_u32	3766846794	3766846794	~
CTermIgnOnTimer_mS_M_u32	3766846794	3766846794	✓
CTermVehSpdInvalidTimer_mS_M_u32	3766846794	3766846794	✓
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	1	1	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	~

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

Name	Input Value
ATermTimer_mS_M_u32	255002059
ATerm_Cnt_M_lgc	1
CTermIgnOffTimer mS M u32	3321350830
CTermIgnOnTimer_ms_M_us2	3801268390
CTermVehSpdInvalidTimer_mS_M_u32	1037059709
CTerm_Cnt_M_lgc	
RampStatus_Cnt_M_u08	2
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
x_ATermTimeout_mS_u16	4000
CTermIgnOffTimeout_mS_u16	0
c_CTermIgnOnTimeout_mS_u16	0
c_CTermVehSpdInvalidTimeout_mS_u16	45
c_RampDnRt_UlspmS_f32	0.001667
c_RampUpRtLoSpd_UlspmS_f32	0.001667
s_STTdEntryThresh_Kph_f32	10
STTdExitThresh_Kph_f32	10
_STTdRampDownRate_UlspmS_f32	0.001667
_STTdRampUpRate_UlspmS_f32	0.001667
_VehSpdThresh_Kph_f32	8.5
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	57180
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 lgc
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDASts Cnt u08	target VehPwrMd Per1 DmdDelestDASts Cnt u08
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
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 EtatMT Cnt u08	target VehPwrMd Per1 EtatMT Cnt u08
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampRate XpmS f32	target VehPwrMd Per1 OperRampRate XpmS f32
arget_Rte_inst_Ap_veriPwimd.veriPwimd_Per1_OperRampRate_Xpm5_is2 arget_Rte_inst_Ap_veriPwimd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
arget_Rte_inst_Ap_venPwrMd.VenPwrMd_Per1_OperRampValue_uis_f32 arget_Rte_inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uis_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	
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_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc
arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1
arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1
arget_VehPwrMd_Per1_EtatMT_Cnt_u08.value	13
arget_VehPwrMd_Per1_MEC_Cnt_enum.value	1





Name	Input Value		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.155100003		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	101.9674		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1616404549	1616404549	~
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	1616404549	1616404549	✓
CTermIgnOnTimer_mS_M_u32	1616404549	1616404549	✓
CTermVehSpdInvalidTimer_mS_M_u32	1616404549	1616404549	✓
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	-

lame	Input Value
NTermTimer_mS_M_u32	462103983
NTerm_Cnt_M_lgc	1
CTermIgnOffTimer mS M u32	2296319589
CermIgnOnTimer mS M u32	712310199
CTermVehSpdInvalidTimer mS M u32	3439475234
CTerm Cnt M Igc	0
RampStatus Cnt M u08	0
Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target Rte Call Ap VehPwrMd EpsEn OP GET signal
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16(ElapsedTime)	
Rte_Call_Ap_VehPwrMd_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	4000
: CTermIgnOffTimeout mS u16	0
CTermIgnOnTimeout mS u16	0
CTermVehSpdInvalidTimeout mS u16	45
oremvenepunivalid*iniedu_nio_uro	0.001667
RampUpRtLoSpd UlspmS f32	0.001667
STTdEntryThresh Kph f32	10
STTdExitThresh Kph f32	10
STTdRampDownRate UlspmS f32	0.001667
STTdRampUpRate UlspmS f32	0.001667
VehSpdThresh Kph f32	8.5
arget Rte Call Ap VehPwrMd EpsEn OP GET signal	1
arget_Rte_Call_Ap_VenFwrMd_EpsEn_OP_GE1_signal arget_Rte_Call_Ap_VenPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	
arget_Rte_Call_Ap_VehPwrMd_SystemTime_Duffinit_lapsedfinite_ini3_u.to_Liapse 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_lgc
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target VehPwrMd Per1 CTermActive Cnt lgc
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDASts Cnt u08	target VehPwrMd Per1 DmdDelestDASts Cnt u08
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
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_RampDwnStatusComplete_Cnt_I	
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_DmdDelestDASts_Cnt_u08.value	
arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1





Name	Input Value		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	1		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.807600021		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	28.9032001		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1421955979	1421955979	~
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	1421955979	1421955979	~
CTermIgnOnTimer_mS_M_u32	1421955979	1421955979	~
CTermVehSpdInvalidTimer_mS_M_u32	1421955979	1421955979	~
CTerm_Cnt_M_lgc	0	0	~
RampStatus_Cnt_M_u08	1	1	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	

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

est Step 3.18 (Repeat Count = 1)	
lame	Input Value
TermTimer_mS_M_u32	3716336205
Term_Cnt_M_lgc	0
TermIgnOffTimer_mS_M_u32	2924586920
TermIgnOnTimer_mS_M_u32	2727646533
TermVehSpdInvalidTimer_mS_M_u32	1302895270
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()	2
_ATermTimeout_mS_u16	4000
_CTermIgnOffTimeout_mS_u16	0
_CTermIgnOnTimeout_mS_u16	0
_CTermVehSpdInvalidTimeout_mS_u16	45
_RampDnRt_UlspmS_f32	0.001667
_RampUpRtLoSpd_UlspmS_f32	0.001667
_STTdEntryThresh_Kph_f32	10
_STTdExitThresh_Kph_f32	10
_STTdRampDownRate_UlspmS_f32	0.001667
_STTdRampUpRate_UlspmS_f32	0.001667
_VehSpdThresh_Kph_f32	8.5
rget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
rget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	29392
rget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3457338444
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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
urget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_Igc
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
irget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
rget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
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
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt I	
urget 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 Igc	target VehPwrMd Per1 VehSpdValid Cnt lgc





Name	Input Value		
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	2		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.0215000007		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	203.540894		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3457338444	3457338444	~
ATerm_Cnt_M_lgc	1	1	~
CTermIgnOffTimer_mS_M_u32	3457338444	3457338444	~
CTermIgnOnTimer_mS_M_u32	3457338444	3457338444	~
CTermVehSpdInvalidTimer_mS_M_u32	3457338444	3457338444	~
CTerm_Cnt_M_lgc	1	1	~
RampStatus_Cnt_M_u08	3	3	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	•

Test Step 3.19 (Repeat Count = 1)	
Name	Input Value
ATermTimer_mS_M_u32	1588732191
ATerm_Cnt_M_lgc	1
CTermlgnOffTimer_mS_M_u32	744030112
CTermIgnOnTimer_mS_M_u32	3282355568
CTermVehSpdInvalidTimer_mS_M_u32	227608366
CTerm_Cnt_M_lgc	0
RampStatus_Cnt_M_u08	1
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2
k_ATermTimeout_mS_u16	4000
c_CTermIgnOffTimeout_mS_u16	0
c_CTermIgnOnTimeout_mS_u16	0
c_CTermVehSpdInvalidTimeout_mS_u16	45
c_RampDnRt_UlspmS_f32	0.001667
<_RampUpRtLoSpd_UlspmS_f32	0.001667
C_STTdEntryThresh_Kph_f32	10
<pre><_STTdExitThresh_Kph_f32</pre>	10
k_STTdRampDownRate_UlspmS_f32	0.001667
<pre>c_STTdRampUpRate_UlspmS_f32</pre>	0.001667
<_VehSpdThresh_Kph_f32	8.5
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	11102
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	3241879372
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 ATermActive Cnt Igc	target VehPwrMd Per1 ATermActive Cnt Igc
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDASts Cnt u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 EngOn Cnt Igc	target VehPwrMd Per1 EngOn Cnt Igc
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 EtatMT Cnt u08	target VehPwrMd Per1 EtatMT Cnt u08
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 MEC Cnt enum	target VehPwrMd Per1 MEC Cnt enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampValue Uls f32	target VehPwrMd Per1 OperRampValue Uls f32
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OutputRampMult Uls f32	target VehPwrMd Per1 OutputRampMult Uls f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	

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Name	Input Value		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cr	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_DmdDelestDASts_Cnt_u08.value	0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	12		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.657800019		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	7.0072999		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3241879372	3241879372	~
ATerm_Cnt_M_lgc	1	1	✓
CTermIgnOffTimer_mS_M_u32	3241879372	3241879372	~
CTermIgnOnTimer_mS_M_u32	3241879372	3241879372	~
CTermVehSpdInvalidTimer_mS_M_u32	3241879372	3241879372	✓
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	1	1	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	•

Test Step Call Trace			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	-



Test Case 4: PRM Range Test

Specification

Performance Metrics:

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

CPU Cycles

TS4.1 1733.00 Cycles
TS4.2 1733.00 Cycles
TS4.3 1722.00 Cycles
TS4.4 1722.00 Cycles
TS4.5 2336.00 Cycles
TS4.6 2239.00 Cycles
TS4.7 2313.00 Cycles
TS4.7 2313.00 Cycles
TS4.9 2228.00 Cycles
TS4.9 2228.00 Cycles
TS4.10 2235.00 Cycles
TS4.11 1808.00 Cycles
TS4.11 1779.00 Cycles
TS4.12 1779.00 Cycles
TS4.12 1779.00 Cycles
TS4.13 1751.00 Cycles
TS4.15 1749.00 Cycles
TS4.16 1692.00 Cycles
TS4.17 1803.00 Cycles
TS4.17 1803.00 Cycles
TS4.18 1773.00 Cycles
TS4.19 1693.00 Cycles
TS4.19 1693.00 Cycles
TS4.19 1735.00 Cycles
TS4.20 1735.00 Cycles
TS4.21 1728.00 Cycles
TS4.21 1748.00 Cycles
TS4.21 1748.00 Cycles
TS4.23 1751.00 Cycles
TS4.21 1748.00 Cycles
TS4.23 1751.00 Cycles
TS4.24 1775.00 Cycles
TS4.25 1745.00 Cycles
TS4.26 1775.00 Cycles
TS4.27 1780.00 Cycles
TS4.28 1775.00 Cycles
TS4.28 1775.00 Cycles
TS4.29 1832.00 Cycles
TS4.30 1720.00 Cycles
TS4.31 1782.00 Cycles
TS4.33 1749.00 Cycles
TS4.33 1749.00 Cycles
TS4.33 1775.00 Cycles
TS4.33 1775.00 Cycles
TS4.33 1775.00 Cycles
TS4.31 1775.00 Cycles
TS4.33 1775.00 Cycles
TS4.34 1775.00 Cycles
TS4.41 1753.00 Cycles
TS4.41 1753.00 Cycles

Description

Vector Description:

```
TS4.1k ATermTimeout mS u16==>Min
TS4.2k_ATermTimeout_mS_u16==>Max
TS4.3k_ATermTimeout_mS_u16==>Pos
TS4.4k_ATermTimeout_mS_u16==> Default
TS4.5k_CTermIgnOffTimeout_mS_u16==>Min/Default
TS4.6k_CTermIgnOffTimeout_mS_u16==>Max
TS4.7k_CTermIgnOffTimeout_mS_u16==>Pos
TS4.8k_CTermIgnOnTimeout_mS_u16==>Min/Default
TS4.9k_CTermIgnOnTimeout_mS_u16==>Max
TS4.10k_CTermIgnOnTimeout_mS_u16==>Pos
TS4.11k_CTermVehSpdInvalidTimeout_mS_u16==>Min
TS4.12k_CTermVehSpdInvalidTimeout_mS_u16==>Max
TS4.13k_CTermVehSpdInvalidTimeout_mS_u16==>Pos
TS4.14k_CTermVehSpdInvalidTimeout_mS_u16==>Default
TS4.15k, RampDnRt, UlspmS_f32==>Min
TS4.16k, RampDnRt_UlspmS_f32==>Max
TS4.17k_RampDnRt_UlspmS_f32==>Pos
TS4.18k_RampDnRt_UlspmS_f32==>Default
TS4.18k_RampUnRt_Uispms_t32==>Detault
TS4.19k_RampUpRtLoSpd_Ulspms_f32==>Min
TS4.20k_RampUpRtLoSpd_Ulspms_f32==>Max
TS4.21k_RampUpRtLoSpd_Ulspms_f32==>Pos
TS4.22k_RampUpRtLoSpd_Ulspms_f32==>Default
TS4.23k_STTdEntryThresh_Kph_f32==>Min
TS4.24k_STTdEntryThresh_Kph_f32==>Max
TS4.25k_STTdEntryThresh_Kph_f32==>Pos
TS4.25k_STTdEntryThresh_Kph_f32==>Default
TS4.27k_STTdExitThresh_Kph_f32==>Min
TS4.28k_STTdExitThresh_Kph_f32==>Max
TS4.29k_STTdExitThresh_Kph_f32==>Pos
TS4.30k_STTdExitThresh_Kph_f32==>Default
TS4.31k_STTdRampDownRate_UlspmS_f32==>Min
TS4.32k_STTdRampDownRate_UlspmS_f32==>Max
TS4.33k_STTdRampDownRate_UlspmS_f32==>Pos
TS4.34k_STTdRampDownRate_UlspmS_f32==>Default
TS4.35k_STTdRampUpRate_UlspmS_f32==>Min
TS4.36k_STTdRampUpRate_UlspmS_f32==>Max
TS4.37k_STTdRampUpRate_UlspmS_f32==>Pos
TS4.38k_STTdRampUpRate_UlspmS_f32==>Default
TS4.39k_VehSpdThresh_Kph_f32==>Min
TS4.40k_VehSpdThresh_Kph_f32==>Max
TS4.41k_VehSpdThresh_Kph_f32==>Pos
TS4.42k_VehSpdThresh_Kph_f32==>Default
```

Test Step 4.1 (Repeat Count = 1)	✓
Name	Input Value
ATermTimer_mS_M_u32	3212980191
ATerm_Cnt_M_lgc	1

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VehPwrMd_Per1	MACICAL
Name	Input Value
CTermIgnOffTimer_mS_M_u32	1879191886
CTermIgnOnTimer mS M u32	3610158975
CTermVehSpdInvalidTimer_mS_M_u32	153227463
CTerm_Cnt_M_lgc	0
RampStatus Cnt M u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1
k_ATermTimeout_mS_u16	0
k CTermIgnOffTimeout mS u16	0
k CTermIgnOnTimeout mS u16	0
k CTermVehSpdInvalidTimeout mS u16	45
k_RampDnRt_UlspmS_f32	0.001667
k RampUpRtLoSpd UlspmS f32	0.001667
k STTdEntryThresh Kph f32	10
k_STTdExitThresh_Kph_f32	10
k_STTdRampDownRate_UlspmS_f32	0.001667
k STTdRampUpRate UlspmS f32	0.001667
k VehSpdThresh Kph f32	8.5
target Rte Call Ap VehPwrMd EpsEn OP GET signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	
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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDaVld Cnt Igc	target VehPwrMd Per1 DmdDelestDaVld Cnt Igc
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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 MEC Cnt enum	target VehPwrMd Per1 MEC Cnt enum
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 OperRampRate XpmS f32	target VehPwrMd Per1 OperRampRate XpmS f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt I	
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 Igc	target VehPwrMd Per1 VehSpdValid Cnt Igc
target VehPwrMd Per1 DmdDelestDASts Cnt u08.value	0
target VehPwrMd Per1 DmdDelestDaVld Cnt Igc.value	0
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0
target VehPwrMd Per1 EngOn Cnt Igc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.497500002
target VehPwrMd Per1 RampDwnStatusComplete Cnt Igc.value	1
target VehPwrMd Per1 STTdSelected Cnt Igc.value	1
target_verii willia_i el i_o i racelected_olit_ige.value	•

target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3212980191	3212980191	✓
ATerm_Cnt_M_lgc	0	0	✓
CTermIgnOffTimer_mS_M_u32	3834966969	3834966969	✓
CTermIgnOnTimer_mS_M_u32	3834966969	3834966969	✓
CTermVehSpdInvalidTimer_mS_M_u32	3834966969	3834966969	✓
CTerm_Cnt_M_lgc	0	0	✓
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target VehPwrMd Per1 OperRampValue Uls f32.value	0	0 ± 0.00006103515625	✓

460.885803

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

target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value



Test Step 4.2 (Repeat Count = 1) Name	Input Value				
ATermTimer_mS_M_u32	4003132079				
ATerm_Cnt_M_lgc	1				
CTermIgnOffTimer mS M u32	784794234				
CTermIgnOnTimer mS M u32	3582289045				
CTermVehSpdInvalidTimer_mS_M_u32	137921432				
CTerm Cnt M lgc	0				
RampStatus_Cnt_M_u08	1				
Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target Rte Call Ap VehPwrMd EpsEn Of	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin		psedTime		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin	ne_GetSystemTime_mS_u32_Currer	ntTime		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd				
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2				
k_ATermTimeout_mS_u16	65535				
k_CTermIgnOffTimeout_mS_u16	0				
k_CTermIgnOnTimeout_mS_u16	0				
k_CTermVehSpdInvalidTimeout_mS_u16	45				
k_RampDnRt_UlspmS_f32	0.001667				
k_RampUpRtLoSpd_UlspmS_f32	0.001667				
k_STTdEntryThresh_Kph_f32	10				
k_STTdExitThresh_Kph_f32	10				
k_STTdRampDownRate_UlspmS_f32	0.001667				
k_STTdRampUpRate_UlspmS_f32	0.001667				
k_VehSpdThresh_Kph_f32	8.5				
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0				
$target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse$	13099				
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir$	3812984849				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cnt	_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt	_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_	Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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_RampDwnStatusComplete_Cnt_lender_Cnt_lender_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lender_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lender_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lender_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lender_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lender_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lender_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lender_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lender_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lender_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lender_Rte_Inst_Ap_VehPwrMd.VehPwrMd					
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_DmdDelestDASts_Cnt_u08.value	1				
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1				
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0				
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0				
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	11				
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0				
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.464300007				
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1				
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0				
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	103.1026				
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0	1			
Name	Actual Value	Expected Value	Resu		
ATermTimer_mS_M_u32	4003132079	4003132079			
ATerm_Cnt_M_lgc	1	1	•		
CTermIgnOffTimer_mS_M_u32	3812984849	3812984849			
CTermIgnOnTimer_mS_M_u32	3812984849	3812984849			
CTermVehSpdInvalidTimer_mS_M_u32	3812984849	3812984849			
CTerm_Cnt_M_lgc	0	0			
RampStatus_Cnt_M_u08	0	0	•		
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1			
	0	0			
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625			



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	✓

Test Step 4.3 (Repeat Count = 1) Name	Input Value			
ATermTimer mS M u32	4184055726			
	1			
ATerm_Cnt_M_lgc	4230852890			
CTermIgnOnfTimer_mS_M_u32	275269843			
CTermIgnOnTimer_mS_M_u32				
CTermVehSpdInvalidTimer_mS_M_u32	1601784885			
CTerm_Cnt_M_lgc	0			
RampStatus_Cnt_M_u08	2			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP			
	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_DtrmnElapsedTime_mS_u16_ElapsedT	ime	
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	55843			
k_CTermIgnOffTimeout_mS_u16	0			
<_CTermIgnOnTimeout_mS_u16	0			
<_CTermVehSpdInvalidTimeout_mS_u16	45			
k_RampDnRt_UlspmS_f32	0.001667			
k_RampUpRtLoSpd_UlspmS_f32	0.001667			
k_STTdEntryThresh_Kph_f32	10			
k_STTdExitThresh_Kph_f32	10			
k STTdRampDownRate UlspmS f32	0.001667			
k STTdRampUpRate UlspmS f32	0.001667			
k VehSpdThresh Kph f32	8.5			
arget_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				
		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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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_U	Jls_f32		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_le	target_VehPwrMd_Per1_RampDwnStatusCo	omplete_Cnt_lgc		
target_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_Kp	bh_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt	lgc		
arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1			
target VehPwrMd Per1 DmdDelestDaVld Cnt Igc.value	1			
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
arget VehPwrMd Per1 EngOn Cnt Igc.value	0			
arget_Venr_willid_ren_Engon_ont_igc.value	6			
target_VenPwrMd_Per1_MEC_Cnt_enum.value	1			
	0.297699988			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value				
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	215.535995			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
Name	Actual Value	Expected Value	Res	
ATermTimer_mS_M_u32	4184055726	4184055726		
ATerm_Cnt_M_lgc	0	0		
CTermIgnOffTimer_mS_M_u32	3531436374	3531436374		
CTermIgnOnTimer_mS_M_u32	3531436374	3531436374		
CTermVehSpdInvalidTimer_mS_M_u32	3531436374	3531436374		
CTerm_Cnt_M_lgc	0	0		
RampStatus Cnt M u08	0	0		
	I and the second			

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Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target VehPwrMd Per1 OperRampValue Uls f32.value	0	0 ± 0.00006103515625	✓

Test Step Call Trace	Test Step Call Trace			
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Name	Input Value			
	1127573394			
ATermTimer_mS_M_u32	1			
ATerm_Cnt_M_lgc				
CTermIgnOffTimer_mS_M_u32	427121141			
CTermIgnOnTimer_mS_M_u32	4088143833			
CTermVehSpdInvalidTimer_mS_M_u32	2610342510			
CTerm_Cnt_M_lgc	0			
RampStatus_Cnt_M_u08	0			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)				
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin	ne_GetSystemTime_mS_u32_CurrentTim	е	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	1			
k_ATermTimeout_mS_u16	4000			
k_CTermIgnOffTimeout_mS_u16	0			
k_CTermIgnOnTimeout_mS_u16	0			
k_CTermVehSpdInvalidTimeout_mS_u16	45			
k_RampDnRt_UlspmS_f32	0.001667			
k_RampUpRtLoSpd_UlspmS_f32	0.001667			
k_STTdEntryThresh_Kph_f32	10			
k_STTdExitThresh_Kph_f32	10			
k_STTdRampDownRate_UlspmS_f32	0.001667			
k_STTdRampUpRate_UlspmS_f32	0.001667			
k_VehSpdThresh_Kph_f32	8.5			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	50579			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	3137176882			
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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc			
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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08			
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 MEC Cnt enum	target_VehPwrMd_Per1_MEC_Cnt_enum			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	CpmS 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 RampDwnStatusComplete Cnt				
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 DmdDelestDASts Cnt u08.value	0	_igc		
target_venPwrMd_Per1_DmdDelestDASts_Crit_ub6.value target_VehPwrMd_Per1_DmdDelestDaVld_Crit_lgc.value	0			
0				
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0			
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	2			
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	2			
target_VehPwrMd_Per1_MEC_Cnt_enum.value				
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.56370002			
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	202.643295			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0			
Name	Actual Value	Expected Value	Res	
ATermTimer_mS_M_u32	1127573394	1127573394		
ATerm_Cnt_M_lgc	0	0		
CTermIgnOffTimer_mS_M_u32	3137176882	3137176882		
CTermIgnOnTimer_mS_M_u32	3137176882	3137176882		

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Name	Actual Value	Expected Value	Result
CTermVehSpdInvalidTimer_mS_M_u32	3137176882	3137176882	✓
CTerm_Cnt_M_lgc	0	0	✓
RampStatus_Cnt_M_u08	0	0	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target VehPwrMd Per1 OperRampValue Uls f32.value	0	0 ± 0.00006103515625	✓

Test Step Call Trace				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_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	•



Test Step 4.5 (Repeat Count = 1)				
Name	Input Value			
ATermTimer_mS_M_u32	3703661593			
ATerm_Cnt_M_lgc	0			
CTermIgnOffTimer_mS_M_u32	3866106431			
CTermIgnOnTimer_mS_M_u32	2248880267			
CTermVehSpdInvalidTimer_mS_M_u32	1600432398			
CTerm_Cnt_M_lgc	1			
RampStatus Cnt M u08	1			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)			osedTime	
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()	0			
k ATermTimeout mS u16	4000			
k_CTermIgnOffTimeout_mS_u16	0			
k_CTermIgnOnTimeout_mS_u16	0			
k_CTermVehSpdInvalidTimeout_mS_u16	45			
k_RampDnRt_UlspmS_f32	0.001667			
k_RampUpRtLoSpd_UlspmS_f32	0.001667			
k_STTdEntryThresh_Kph_f32	10			
k_STTdExitThresh_Kph_f32	10			
k_STTdRampDownRate_UlspmS_f32	0.001667			
k_STTdRampUpRate_UlspmS_f32	0.001667			
k_VehSpdThresh_Kph_f32	8.5			
target Rte Call Ap VehPwrMd EpsEn OP GET signal	0			
target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	e 49271			
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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X			
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		
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_$	target_VehPwrMd_Per1_RampDwnStatusC	omplete_Cnt_lgc		
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 DmdDelestDASts Cnt u08.value	0	-0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1			
target VehPwrMd Per1 EngONSrlComSvcDft Cnt lgc.value	1			
target VehPwrMd Per1 EngOn Cnt Igc.value	0			
	0			
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value				
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2			
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.880999982			
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0			
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0			
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	7.77190018			
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
Name	Actual Value	Expected Value	Resu	
ATermTimer_mS_M_u32	3960288535	3960288535		
ATerm_Cnt_M_lgc	1	1		
CTermIgnOffTimer mS M u32	3866106431	3866106431		
CTermIgnOnTimer_mS_M_u32	3960288535	3960288535		
CTermVehSpdInvalidTimer_mS_M_u32	3960288535	3960288535		
CTerm_Cnt_M_lgc	0	0		
RampStatus_Cnt_M_u08	0	0	•	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	•	
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625		



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	✓

Test Step 4.6 (Repeat Count = 1) Name	Input Value		
ATermTimer mS M u32	473637532		
	0		
ATerm_Cnt_M_lgc	2455213395		
CTermIgnOnfTimer_mS_M_u32	1420497855		
CTermIgnOnTimer_mS_M_u32			
CTermVehSpdInvalidTimer_mS_M_u32	413949681		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	0		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP		
Rte_Call_Ap_VehPwrMd_SystemTime_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()	0		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	65535		
k_CTermIgnOnTimeout_mS_u16	0		
<_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k STTdRampDownRate UlspmS f32	0.001667		
k STTdRampUpRate UlspmS f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Nc_call_Ap_vchi whita_EpsEn_or_coll_asignal target_Rte_Call_Ap_vchi whita_EpsEn_or_coll_asignal			
target_Rte_Call_Ap_vehPwrMd_SystemTime_BuffinElapseuffine_mS_u32_CurrentTir			
		la o	
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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_0		
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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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_U	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_le	target_VehPwrMd_Per1_RampDwnStatusCo	omplete_Cnt_lgc	
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_Kp	bh_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1		
target VehPwrMd Per1 DmdDelestDaVld Cnt Igc.value	0		
rarget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target VehPwrMd Per1 EngOn Cnt Igc.value	0		
arget_venr wind_ren_Engon_ont_igc.value	3		
target_VenPwrMd_Per1_Etativi1_Cnt_buok.value target_VenPwrMd_Per1_MEC_Cnt_enum.value	1		
	0.322699994		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value			
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	1.07980001		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resi
ATermTimer_mS_M_u32	2410326640	2410326640	
ATerm_Cnt_M_lgc	0	0	
CTermIgnOffTimer_mS_M_u32	2455213395	2455213395	
CTermIgnOnTimer_mS_M_u32	2410326640	2410326640	
CTermVehSpdInvalidTimer_mS_M_u32	2410326640	2410326640	
CTerm_Cnt_M_lgc	0	0	
RampStatus Cnt M u08	0	0	
	I .	I .	1





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

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

Name	Input Value
ATermTimer_mS_M_u32	514260839
ATerm_Cnt_M_lgc	0
CTermIgnOffTimer mS M u32	3547879159
CTermIgnOnTimer mS M u32	1693812066
CTermVehSpdInvalidTimer mS M u32	1614412525
CTerm_Cnt_M_lgc	1
RampStatus_Cnt_M_u08	0
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target Rte Call Ap VehPwrMd EpsEn OP GET signal
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4
k ATermTimeout mS u16	4000
k_CTermIgnOffTimeout_mS_u16	8745
k CTermIgnOnTimeout mS u16	0
k_CTermVehSpdInvalidTimeout mS u16	45
k_CremivenSpamvalid ilineout_riiS_u16 k_RampDnRt_UlspmS_f32	0.001667
	0.001667
k_RampUpRtLoSpd_UlspmS_f32 k_STTdEntryThresh_Kph_f32	10
	10
k_STTdExitThresh_Kph_f32	
k_STTdRampDownRate_UlspmS_f32	0.001667
k_STTdRampUpRate_UlspmS_f32	0.001667
k_VehSpdThresh_Kph_f32	8.5
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	
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_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_XpmS_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_le	
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_DmdDelestDASts_Cnt_u08.value	1
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1
target_VehPwrMd_Per1_EngOn_Cnt_Igc.value	0
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	1
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.101300001
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	5.89769983
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1
Name	Actual Value Expected Value Res
ATermTimer mS M u32	3542053512 3542053512
ATerm_Cnt_M_lgc	1 1
CTermIgnOffTimer_mS_M_u32	3547879159 3547879159
- · - · · · · · · · · · · · · · · · · ·	3577070100

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Name	Actual Value	Expected Value	Result
CTermVehSpdInvalidTimer_mS_M_u32	3542053512	3542053512	~
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	0	0	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target VehPwrMd Per1 OperRampValue Uls f32.value	0	0 ± 0.00006103515625	✓

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



Test Step 4.8 (Repeat Count = 1)			·
Name	Input Value		
ATermTimer mS M u32	1780788704		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	3550134503		
CTermIgnOnTimer_mS_M_u32	2785106847		
CTermVehSpdInvalidTimer_mS_M_u32	3406943830		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_Of	P GET signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin		psedTime
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()	0		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k CTermIgnOnTimeout mS u16	0		
	45		
k_CTermVehSpdInvalidTimeout_mS_u16	0.001667		
k_RampDnRt_UlspmS_f32			
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	44019		
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u332_Current$	817430080		
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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_	_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvd	cDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	(pmS_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_RampDwnStatusComplete_Cnt_I			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	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_DmdDelestDASts_Cnt_u08.value	1	90	
target VehPwrMd Per1 DmdDelestDaVld Cnt Igc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
	7		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value			
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.790000021		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	2.45490003		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	817430080	817430080	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	817430080	817430080	•
CTermIgnOnTimer_mS_M_u32	2785106847	2785106847	•
CTermVehSpdInvalidTimer_mS_M_u32	817430080	817430080	
CTerm_Cnt_M_lgc	0	0	
RampStatus_Cnt_M_u08	0	0	
target VehPwrMd Per1 ATermActive Cnt Igc.value	1	1	
	1	1	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	1 0.001667 ± 0.015625	•



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

Fest Step 4.9 (Repeat Count = 1)	Input Value		
	3833368897		
	1		
	1399736107		
0	1460922647		
	1430733239		
	1		
	0		
	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_		
	target_Rte_Call_Ap_VehPwrMd_SystemTime		ne
	target_Rte_Call_Ap_VehPwrMd_SystemTime	e_GetSystemTime_mS_u32_CurrentTime	
	target_Rte_Inst_Ap_VehPwrMd		
	2		
	4000		
c_CTermIgnOffTimeout_mS_u16	0		
c_CTermIgnOnTimeout_mS_u16	65535		
c_CTermVehSpdInvalidTimeout_mS_u16	45		
C_RampDnRt_UlspmS_f32	0.001667		
C_RampUpRtLoSpd_UlspmS_f32	0.001667		
_STTdEntryThresh_Kph_f32	10		
	10		
STTdRampDownRate UlspmS f32	0.001667		
STTdRampUpRate UlspmS f32	0.001667		
<pre>C_VehSpdThresh_Kph_f32</pre>	8.5		
	1		
arget Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse			
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir			
	target_VehPwrMd_Per1_ATermActive_Cnt_k	20	
	target VehPwrMd Per1 CTermActive Cnt l		
	target_VehPwrMd_Per1_DmdDelestDASts_0		
	target_VehPwrMd_Per1_DmdDelestDaVId_C		
	target_VehPwrMd_Per1_EngONSrlComSvcE	ort_Cnt_igc	
	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
	target_VehPwrMd_Per1_MEC_Cnt_enum		
	target_VehPwrMd_Per1_OperRampRate_Xp		
	target_VehPwrMd_Per1_OperRampValue_U		
	target_VehPwrMd_Per1_OutputRampMult_U	ls_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_l	target_VehPwrMd_Per1_RampDwnStatusCo	mplete_Cnt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt_	<u>lgc</u>	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	h_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_l	gc	
arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1		
arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
arget VehPwrMd Per1 EngONSrlComSvcDft Cnt lgc.value	0		
	0		
0 =	6		
	1		
•	0.336600006		
	0		
	1		
	0.547900021		
3.2 - 12 - 14 - 14 - 14 - 14 - 14 - 14 - 1			-
	Actual Value	Expected Value	Resi
	559574568	559574568	
ATerm_Cnt_M_lgc	1	1	
	559574568	559574568	
CTermIgnOffTimer_mS_M_u32			
	1460922647	1460922647	
CTermIgnOnTimer_mS_M_u32	1460922647 559574568	1460922647 559574568	
CTermIgnOnTimer_mS_M_u32 CTermVehSpdInvalidTimer_mS_M_u32			





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

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	•

Test Step 4.10 (Repeat Count = 1)		✓	
Name	Input Value		
ATermTimer_mS_M_u32	1361191900		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	4132377146		
CTermlgnOnTimer_mS_M_u32	2406480037		
CTermVehSpdInvalidTimer mS M u32	2066349388		
CTerm_Cnt_M_lgc	1		
RampStatus Cnt M u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target Rte Call Ap VehPwrMd EpsEn OP	GET signal	
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16(ElapsedTime)	·	ne DtrmnElapsedTime mS u16 ElapsedTime	
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	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	40745		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k RampUpRtLoSpd UlspmS f32	0.001667		
k STTdEntryThresh Kph f32	10		
k STTdExitThresh Kph f32	10		
	0.001667		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32			
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
1 3 2 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1			
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_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc		
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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	1		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.753899992		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	7.10270023		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value Result	
ATermTimer_mS_M_u32	881630007	881630007	
ATerm Cnt M lgc	1	1	
CTermIgnOffTimer mS M u32	881630007	881630007	
		2406480037	

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Name	Actual Value	Expected Value	Result
CTermVehSpdInvalidTimer_mS_M_u32	881630007	881630007	•
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	0	0	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target VehPwrMd Per1 OperRampValue Uls f32.value	0	0 ± 0.00006103515625	✓

Test Step Call Trace				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_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	•



Test Step 4.11 (Repeat Count = 1)			•
Name	Input Value		
ATermTimer_mS_M_u32	2012589294		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	2724808189		
CTermIgnOnTimer_mS_M_u32	864249971		
CTermVehSpdInvalidTimer_mS_M_u32	2406853421		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	*	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_GetSystemTime_mS_u32_Current1	Time
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	3		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	0		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
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_I		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	•	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_0		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_0		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcI	Off_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xp		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_L	_	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_L		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_li			
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_	igc .	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value			
target_VehPwrMd_Per1_EngOnSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value			
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	9		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0.111200000		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.111299999		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	327.630493		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0	l=	
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	697343001	697343001	•
ATerm_Cnt_M_lgc	0	0	•
CTermIgnOffTimer_mS_M_u32	697343001	697343001	•
CTermIgnOnTimer_mS_M_u32	697343001	697343001	•
CTermVehSpdInvalidTimer_mS_M_u32	2406853421	2406853421	•
CTerm_Cnt_M_lgc	0	0	•
RampStatus_Cnt_M_u08	0	0	•
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	0	0	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	•
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	



Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~	
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	1	✓	

Test Step 4.12 (Repeat Count = 1) Name	Input Value			
	•			
	1283943161 0			
	4218434929			
	4083699832			
	3996646220			
	1			
	0			
		CFT signal		
	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP		·	
	target_Rte_Call_Ap_VehPwrMd_SystemTime			
	target_Rte_Call_Ap_VehPwrMd_SystemTime	e_GetSystemTime_mS_u32_CurrentTime		
	target_Rte_Inst_Ap_VehPwrMd			
	0			
	4000			
	0			
	0			
_ ,	65535			
	0.001667			
	0.001667			
_ , _, _	10			
	10			
	0.001667			
k_STTdRampUpRate_UlspmS_f32	0.001667			
k_VehSpdThresh_Kph_f32	8.5			
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	38116			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	346145285			
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_l	gc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xp	omS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	ls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_L	lls_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_le	target_VehPwrMd_Per1_RampDwnStatusCo	omplete_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt	_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	h_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_l	gc		
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0			
target VehPwrMd Per1 DmdDelestDaVld Cnt lgc.value	0			
target VehPwrMd Per1 EngONSrlComSvcDft Cnt lgc.value	0			
	0			
0 =	6			
•	1			
v	0.775200009			
	0			
	1			
	171.953003			
	0			
		Fynastad Value	Dan	
	Actual Value	Expected Value	Res	
1 - 1 - 1	346145285	346145285		
	0	0		
·	346145285	346145285		
·	346145285	346145285		
CTermVehSpdInvalidTimer_mS_M_u32	3996646220	3996646220		
	•	0		
= = = = =	0	0		





Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target VehPwrMd Per1 OperRampValue Uls f32.value	0	0 ± 0.00006103515625	✓

Test Step Call Trace				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_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Name	Input Value		
ATermTimer_mS_M_u32	4174936114		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer mS M u32	3534483654		
CTermIgnOnTimer mS M u32	120207153		
CTermVehSpdInvalidTimer mS M u32	2448390276		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	2		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target Rte Call Ap VehPwrMd EpsEn OP	GET signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		e_DtrmnElapsedTime_mS_u16_ElapsedTime	e
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target Rte Call Ap VehPwrMd SystemTim		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	5_50.676.6	
Rte Mode Ap VehPwrMd SystemState Mode()	2		
k ATermTimeout mS u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	0.001667		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32			
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
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_l		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_0		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_0		
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_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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_L	Jls_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_le	target_VehPwrMd_Per1_RampDwnStatusCo	omplete_Cnt_lgc	
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_Kp	oh_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	15		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.897599995		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	31.5554008		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	534787401	534787401	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	534787401	534787401	
010mignon1mo_m_u02	001101701	007101701	

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Name	Actual Value	Expected Value	Result
CTermVehSpdInvalidTimer_mS_M_u32	2448390276	2448390276	~
CTerm_Cnt_M_lgc	1	1	~
RampStatus_Cnt_M_u08	2	2	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target VehPwrMd Per1 OperRampValue Uls f32.value	9.99999975e-005	9.99999975e-005 ± 0.000061035156	25

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



Test Step 4.14 (Repeat Count = 1) Name	Input Value				
ATermTimer_mS_M_u32	769589036				
ATerm_Cnt_M_lgc	1				
CTermIgnOffTimer mS M u32	3311861641				
CTermIgnOnTimer mS M u32		3964402845			
CTermVehSpdInvalidTimer_mS_M_u32	787821523				
CTerm Cnt M lgc	1				
RampStatus_Cnt_M_u08	2				
Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target Rte Call Ap VehPwrMd EpsEn (OP GET signal			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemT	ime_DtrmnElapsedTime_mS_u16_Ela	psedTime		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemT	ime_GetSystemTime_mS_u32_Curre	ntTime		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd				
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	0				
k_ATermTimeout_mS_u16	4000				
k_CTermIgnOffTimeout_mS_u16	0				
k_CTermIgnOnTimeout_mS_u16	0				
k_CTermVehSpdInvalidTimeout_mS_u16	45				
k_RampDnRt_UlspmS_f32	0.001667				
k_RampUpRtLoSpd_UlspmS_f32	0.001667				
k_STTdEntryThresh_Kph_f32	10				
k_STTdExitThresh_Kph_f32	10				
k_STTdRampDownRate_UlspmS_f32	0.001667				
k_STTdRampUpRate_UlspmS_f32	0.001667				
k_VehSpdThresh_Kph_f32	8.5				
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0				
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse					
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTireups_usself$					
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cr				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cr				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASt				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComS	vcDft_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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum				
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_				
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OperRampValue_UIs_f32	target_VehPwrMd_Per1_OperRampValue				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32 target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_li	target_VehPwrMd_Per1_OutputRampMul				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_RampDwnStatus target_VehPwrMd_Per1_STTdSelected_0				
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 SrlComVehSpd Kph f32	target VehPwrMd Per1 SrlComVehSpd				
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target VehPwrMd Per1 VehSpdValid Cr				
target VehPwrMd Per1 DmdDelestDASts Cnt u08.value		12-190			
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0				
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0				
target VehPwrMd Per1 EngOn Cnt Igc.value	0				
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	12				
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0				
target VehPwrMd Per1 OutputRampMult Uls f32.value	0.400999993				
target VehPwrMd Per1 RampDwnStatusComplete Cnt Igc.value	1				
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0				
target VehPwrMd Per1 SrlComVehSpd Kph f32.value	264.653503				
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0				
Name	Actual Value	Expected Value	Resu		
ATermTimer_mS_M_u32	769589036	769589036			
ATerm Cnt M lgc	0	0			
CTermIgnOffTimer_mS_M_u32	3583403222	3583403222			
CTermIgnOnTimer_mS_M_u32	3583403222	3583403222			
CTermVehSpdInvalidTimer_mS_M_u32	787821523	787821523			
CTerm Cnt M lgc	0	0			
RampStatus_Cnt_M_u08	0	0			
target VehPwrMd Per1 ATermActive Cnt Igc.value	0	0			
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0	0			
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625			
	0				



Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~		
Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	2	Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16	2	✓		

Name	Input Value		
ATermTimer mS M u32	67805158		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer mS M u32	2702134998		
CTermIgnOnTimer_mS_M_u32	1113030781		
CTermVehSpdInvalidTimer mS M u32	3168778531		
CTerm_Cnt_M_lgc	0		
RampStatus Cnt M u08	0		
Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	GET signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)			Time
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()	4		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	9.9999975e-005		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
$target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapset$	45647		
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u332_CurrentTime$	2404850619		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_	<u>lg</u> c	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_	Cnt_lgc	
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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_I			
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_DmdDelestDASts_Cnt_u08.value	1		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	10		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.631699979		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	495.274689		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	1	1_
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	2404850619	2404850619	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	2404850619	2404850619	
CTermIgnOnTimer_mS_M_u32	2404850619	2404850619	
CTermVehSpdInvalidTimer_mS_M_u32	2404850619	2404850619	
CTerm_Cnt_M_lgc	1	1	
	1 0 1	1 0 1	

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Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.99999975e-005	9.99999975e-005 ± 0.015625	~
target VehPwrMd Per1 OperRampValue Uls f32.value	0	0 ± 0.00006103515625	~

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

Name	Input Value		
ATermTimer_mS_M_u32	422925759		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	1481694540		
CTermIgnOnTimer mS M u32	3040880863		
CTermVehSpdInvalidTimer_mS_M_u32	3835823822		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	0		
Rampstatus_Cnt_ivi_u00 Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)		in OB CET signal	
	target_Rte_Call_Ap_VehPwrMd_EpsE		odTimo
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_ Rts_Call_Ap_VehPwrMd_SystemTime_CatSystemTime_mS_u32(GyrachTime)		emTime_DtrmnElapsedTime_mS_u16_Elaps	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Inst_Ap_VehPwrMd		emTime_GetSystemTime_mS_u32_CurrentT	ime
:-	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()			
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.0049999989		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Currer			
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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestD	ASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestD	aVld_Cnt_lgc	
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgarget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgarget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgarget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgarget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgarget_Rte_Inst_Ap_VehPwrMd.VehPwrMd.Per1_EngONSrlComSvcDft_Cnt_lgarget_Rte_Inst_Ap_VehPwrMd.VehPwrMd.Per1_EngONSrlComSvcDft_Cnt_lgarget_Rte_Inst_Ap_VehPwrMd.VehPwrMd.Per1_EngONSrlComSvcDft_Cnt_lgarget_Rte_Inst_Ap_VehPwrMd.VehPwrMd.Per1_EngONSrlComSvcDft_Cnt_lgarget_Rte_Inst_Ap_VehPwrMd.Per1_EngONSrlComSvcDft_Cnt_lgarget_Rte_Inst_Ap_VehPwrMd.Per1_EngONSrlComSvcDft_Cnt_lgarget_Rte_Inst_Ap_VehPwrMd.Per1_EngONSrlComSvcDft_Cnt_lgarget_Rte_Inst_Ap_VehPwrMd.Per1_EngONSrlComSvcDft_Rte_Inst_ApVVehPwrMd.Per1_EngONSrlComSvcDft_Rte_Inst_ApVVehPwrMd.Per1_EngONSrlComSvcDft_Rte_Inst_ApVVehPwrMd.Per1_EngONSrlComSvcDft_Rte_Inst_ApVVehPwrMd.Per1_EngONSrlComSvcDft_Rte_Inst_ApVVehPwrMd.Per1_EngONSrlComSvcDft_Rte_Inst$	target_VehPwrMd_Per1_EngONSrlCo	mSvcDft_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_	<u>lg</u> c	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_	_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_er	num	
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_OperRampVa	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_RampDwnStatusComplete_C	nt_letarget_VehPwrMd_Per1_RampDwnSt	atusComplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelecte	d_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehS	pd_Kph_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid	_Cnt_lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	5		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.783399999		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	86.6305008		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Res
	1404584283	1404584283	1163
ATerm Cnt M Inc.	1404584283	1404584283	
ATerm_Cnt_M_lgc			
CTermIgnOffTimer_mS_M_u32	1404584283	1404584283	
CTermIgnOnTimer_mS_M_u32	1404584283	1404584283	
CTermVehSpdInvalidTimer mS M u32	1404584283	1404584283	

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Name	Actual Value	Expected Value	Result
CTerm_Cnt_M_lgc	1	1	~
RampStatus_Cnt_M_u08	0	0	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.0049999989	0.00499999989 ± 0.015625	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	✓

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

Test Step 4.17 (Repeat Count = 1)			
Name	Input Value		
ATermTimer_mS_M_u32	3214862453		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	3556977289		
CTermIgnOnTimer_mS_M_u32	2031192450		
CTermVehSpdInvalidTimer_mS_M_u32	1464793256		
CTerm_Cnt_M_lgc	0		
RampStatus_Cnt_M_u08	0		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_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()	3		
x_ATermTimeout_mS_u16	4000		
c_CTermIgnOffTimeout_mS_u16	0		
CTermIgnOnTimeout mS u16	0		
CTermVehSpdInvalidTimeout mS u16	45		
C_RampDnRt_UlspmS_f32	0.00254500005		
<pre>c_nampupRtLoSpd_UlspmS_f32</pre>	0.001667		
STTdEntryThresh Kph f32	10		
STTdExitThresh Kph f32	10		
<pre>C_STTdExittrilesi_rpii_io2</pre> <pre>C_STTdRampDownRate_UlspmS_f32</pre>	0.001667		
STTdRampUpRate UlspmS f32	0.001667		
<pre><_STRIKAMpophate_oispins_is2</pre> <pre><_VehSpdThresh_Kph_f32</pre>	8.5		
	0.0		
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_CurrentTii		le	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	-	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_0		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcl	Dft_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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
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_L	Jls_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_L	Jls_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_I	target_VehPwrMd_Per1_RampDwnStatusCo	omplete_Cnt_lgc	
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_Kp	oh_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	<u>lgc</u>	
arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1		
arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EtatMT_Cnt_u08.value	11		
arget_VehPwrMd_Per1_MEC_Cnt_enum.value	2		
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.243399993		
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	261.525391		
arget VehPwrMd Per1 VehSpdValid Cnt Igc.value	1		
	Actual Value	Expected Value	Par
Name ATermTimer_mS_M_u32		Expected Value	Resi
A LORINITION IN MA LIST	900584951	900584951	

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

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	-



Test Step 4.18 (Repeat Count = 1) Name	Input Value		
	752849969		
	0		
	4229455022		
	3057263		
	1105680330		
	0		
	0		
	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_	GET signal	
		e_DtrmnElapsedTime_mS_u16_ElapsedTime	
	target_Rte_Call_Ap_VehPwrMd_SystemTime		
	target_Rte_Inst_Ap_VehPwrMd	5_00.070.0	
	0		
	4000		
	0		
	0		
	45		
	0.001667		
	0.001667		
_ · P·P · · · · · · · · · · · · · · · ·	10		
_ , , _	10		
	0.001667		
	0.001667		
	8.5		
	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir			
	target_VehPwrMd_Per1_ATermActive_Cnt_I	ac	
	target_VehPwrMd_Per1_CTermActive_Cnt_I		
	target_VehPwrMd_Per1_DmdDelestDASts_0	-	
	target VehPwrMd Per1 DmdDelestDaVld C		
	target_VehPwrMd_Per1_EngONSrlComSvcI		
	target_VehPwrMd_Per1_EngOn_Cnt_lgc	oge	
	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
	target_VehPwrMd_Per1_MEC_Cnt_enum		
	target_VehPwrMd_Per1_OperRampRate_Xp	mS f32	
	target_VehPwrMd_Per1_OperRampValue_U		
	target_VehPwrMd_Per1_OutputRampMult_L		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt I			
	target_VehPwrMd_Per1_STTdSelected_Cnt		
	target VehPwrMd Per1 SrlComVehSpd Kp		
	target_VehPwrMd_Per1_VehSpdValid_Cnt_I	_	
	1	~	
	0		
	1		
	0		
312 1 12 1 2 31 21 231 111	1		
	0		
	0.310900003		
	0		
	1		
	224.819794		
	1		
	Actual Value	Expected Value	Resu
	624842137	624842137	11000
	1	1	
	624842137	624842137	
	624842137	624842137	
	624842137 624842137	624842137	
	1	1	
	0	0	
		1	
tardet veni wilvid Peri A reimactive Cnt Idc. Value	1		•
	1	1	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1 0.001667	1 0.001667 ± 0.015625	•

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



Fest Step 4.19 (Repeat Count = 1)	Input Value		
TermTimer_mS_M_u32	3135367463		
Term_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	834104315		
CremignonTimer_mS_M_u32	3507315103		
CTermVehSpdInvalidTimer_mS_M_u32	2500295903		
CTerm_Cnt_M_lgc	1		
RampStatus Cnt M u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	GET signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)			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	ic_detaystem ime_mo_usz_ounem i	ilic
Rte Mode Ap VehPwrMd SystemState Mode()	2		
_ATermTimeout_mS_u16	4000		
_CTermIgnOffTimeout_mS_u16	0		
_CTermIgnOnTimeout_mS_u16	0		
_CTermVehSpdInvalidTimeout_mS_u16	45		
RampDnRt UlspmS f32	0.001667		
	9.9999975e-005		
_RampUpRtLoSpd_UlspmS_f32 STTdEntryThresh_Knh_f32	10		
_STTdEntryThresh_Kph_f32 STTdExitThresh Kph f32	10		
_STTdRampDownRate UlspmS f32	0.001667		
STTdRampUpRate UlspmS f32	0.001667		
_orrukampopkale_dispmo_isz _VehSpdThresh_Kph_f32	8.5		
	0		
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal arget Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	1		
arget_Rte_Call_Ap_VenPwrMd_SystemTime_DuffinitiabsedTime_inS_u1o_clapse arget_Rte_Call_Ap_VenPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir			
		lao	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	•	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08 arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EngOn_Cnt_lgc target_VehPwrMd_Per1_EtatMT_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	oms f22	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X		
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_I		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt I	target_VehPwrMd_Per1_RampDwnStatusColored VehPwrMd Per1_STTdSelected Cnt		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32 arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_SrlComVehSpd_Kp	_	
	target_VehPwrMd_Per1_VehSpdValid_Cnt_ 1	igc	
arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lqc.value			
<u> </u>	1		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EtatMT_Cnt_u08.value	14		
arget_VehPwrMd_Per1_MEC_Cnt_enum.value	1		
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.228		
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value			
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	120.705498		
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value		Francisco d Vistoria	
lame	Actual Value	Expected Value	Res
.TermTimer_mS_M_u32	3279288994	3279288994	
.Term_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	3279288994	3279288994	
TermIgnOnTimer_mS_M_u32	3279288994	3279288994	
TermVehSpdInvalidTimer_mS_M_u32	3279288994	3279288994	
Term_Cnt_M_lgc	1	1	
RampStatus_Cnt_M_u08	1	1	
arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	
arget_VehPwrMd_Per1_ATermActive_Ont_lgc.value	1	1	



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	✓

Name	Input Value			
	· ·			
ATermTimer_mS_M_u32	2653127508			
ATerm_Cnt_M_lgc	1			
CTermIgnOffTimer_mS_M_u32	4233470751			
CTermIgnOnTimer_mS_M_u32	3737809737			
CTermVehSpdInvalidTimer_mS_M_u32		1720520380		
CTerm_Cnt_M_lgc	0			
RampStatus_Cnt_M_u08	1			
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_			
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime	target_Rte_Call_Ap_VehPwrMd_System	Time_DtrmnElapsedTime_mS_u16_Elaps	edTime	
tte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_System	Time_GetSystemTime_mS_u32_CurrentT	ime	
tte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
tte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
_ATermTimeout_mS_u16	4000			
_CTermIgnOffTimeout_mS_u16	0			
_CTermIgnOnTimeout_mS_u16	0			
_CTermVehSpdInvalidTimeout_mS_u16	45			
_RampDnRt_UlspmS_f32	0.001667			
_RampUpRtLoSpd_UlspmS_f32	0.00499999989			
_STTdEntryThresh_Kph_f32	10			
_STTdExitThresh_Kph_f32	10			
STTdRampDownRate UlspmS f32	0.001667			
_STTdRampUpRate_UlspmS_f32	0.001667			
_VehSpdThresh_Kph_f32	8.5			
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0			
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elaps				
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentT				
riget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_C	nt lac		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc				
arget_Rte_Inst_Ap_VenPwrMd.VenPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_CTermActive_Cnt_lgc			
	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08			
arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaV			
arget_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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u0			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enur			
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_OutputRampMu			
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt	target_VehPwrMd_Per1_RampDwnStatu	sComplete_Cnt_lgc		
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_Igc	target_VehPwrMd_Per1_VehSpdValid_C	nt_lgc		
arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0			
arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1			
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1			
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0			
arget_VehPwrMd_Per1_EtatMT_Cnt_u08.value	12			
arget VehPwrMd Per1 MEC Cnt enum.value	2			
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.461400002			
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0			
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0			
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	223.594193			
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1			
lame	Actual Value	Expected Value	Res	
		· ·	Res	
TermTimer_mS_M_u32	3740647270	3740647270		
.Term_Cnt_M_lgc	1	1		
CermIgnOffTimer_mS_M_u32	3740647270	3740647270		
CTermIgnOnTimer_mS_M_u32	3740647270	3740647270		
CTermVehSpdInvalidTimer_mS_M_u32	3740647270	3740647270		
CTerm_Cnt_M_lgc	1	1		
RampStatus_Cnt_M_u08	1	1		
and Mak Dund Ad Dard A Tama Antica Co. 1	1	1		
arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	•			
rrget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value rrget_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1		





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

Test Step Call Trace				
Actual Function C		Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	•
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~

Test Step 4.21 (Repeat Count = 1)	Input Value		
Name	Input Value		
1 - 1 - 1	2039370109		
	0		
CTermIgnOffTimer_mS_M_u32	2829629922		
CTermIgnOnTimer_mS_M_u32	1061557918		
CTermVehSpdInvalidTimer_mS_M_u32	1907373203		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_Ep		
		stemTime_DtrmnElapsedTime_mS_u16_Elap	
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)		stemTime_GetSystemTime_mS_u32_Curren	tTime
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
	2		
<_ATermTimeout_mS_u16	4000		
	0		
	0		
CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
x_RampUpRtLoSpd_UlspmS_f32	0.000923999993		
x_STTdEntryThresh_Kph_f32	10		
c_STTdExitThresh_Kph_f32	10		
<_STTdRampDownRate_UlspmS_f32	0.001667		
c_STTdRampUpRate_UlspmS_f32	0.001667		
<_VehSpdThresh_Kph_f32	8.5		
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	54440		
$arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir$	3818331731		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActi	ve_Cnt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActi	ive_Cnt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDeles	tDASts_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDeles	tDaVld_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrl	ComSvcDft_Cnt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cr	nt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_C	nt_u08	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_	enum	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRamp	pRate_XpmS_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRamp	oValue_Uls_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRar	npMult_Uls_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_le	target_VehPwrMd_Per1_RampDwn	StatusComplete_Cnt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelect	cted_Cnt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVe	hSpd_Kph_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdVa		
	0		
	1		
	1		
arget VehPwrMd Per1 EngOn Cnt Igc.value	1		
target VehPwrMd Per1 EtatMT Cnt u08.value	13		
arget_VehPwrMd_Per1_MEC_Cnt_enum.value	2		
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.497000009		
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_Igc.value	1		
	0		
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	34.3386993		
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
		Evnosted Value	Do
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	3818331731	3818331731	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	3818331731	3818331731	
		0040004704	
CTermIgnOnTimer_mS_M_u32 CTermVehSpdInvalidTimer_mS_M_u32	3818331731 3818331731	3818331731 3818331731	





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

Test Step Call Trace				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	~

Test Step 4.22 (Repeat Count = 1) Name	Input Value		
ATermTimer mS M u32	2852196204		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	380902368		
	248705319		
CTermIgnOnTimer_mS_M_u32			
CTermVehSpdInvalidTimer_mS_M_u32	2077763426		
CTerm_Cnt_M_lgc	0		
RampStatus_Cnt_M_u08	1		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	,	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)			ne
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	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	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
<pre><_VehSpdThresh_Kph_f32</pre>	8.5		
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
arget Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	31471		
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_	lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_u		
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		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 MEC Cnt enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
arget_Rte_Inst_Ap_vehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	nmS f32	
arget_Rte_Inst_Ap_vehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_L		
		-	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_L		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_I		. – – .	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	_	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	igc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	7		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.868399978		
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	29.8896999		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Resi
ATermTimer mS M u32	1736038178	1736038178	. 1031
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer mS M u32	1736038178	1736038178	
o rennighen rilliei_mo_w_uoz	17 00000 170	1700000170	

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

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



Test Step 4.23 (Repeat Count = 1) Name	Input Value		
ATermTimer_mS_M_u32	368266222		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	3942233235		
CTermIgnOnTimer mS M u32	2717600495		
CTermVehSpdInvalidTimer mS M u32	1134929159		
CTerm_Cnt_M_lgc	0		
RampStatus_Cnt_M_u08	2		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	P_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin	ne_DtrmnElapsedTime_mS_u16_Elap	sedTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin	ne_GetSystemTime_mS_u32_Current	Time
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	0		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTirestarget = 0.0000000000000000000000000000000000$			
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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_		
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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	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_		
target_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_li	target_VehPwrMd_Per1_RampDwnStatusC		
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_DmdDelestDASts_Cnt_u08.value	target_VehPwrMd_Per1_VehSpdValid_Cnt_ 1	igc	
target_VehPwrMd_Per1_DmdDelestDA0ts_Offt_doc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target VehPwrMd Per1 EtatMT Cnt u08.value	4		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	0		
target VehPwrMd Per1 OutputRampMult Uls f32.value	0.143000007		
target VehPwrMd Per1 RampDwnStatusComplete Cnt Igc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target VehPwrMd Per1 SrlComVehSpd Kph f32.value	313.055695		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	2102982916	2102982916	Resu
ATerm Cnt M lgc	1	1	
CTermIgnOffTimer mS M u32	2102982916	2102982916	
CTermIgnOnTimer mS M u32	2102982916	2102982916	
CTermVehSpdInvalidTimer_mS_M_u32	2102982916	2102982916	
CTerm Cnt M Igc	1	1	
RampStatus_Cnt_M_u08	3	3	
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	0.001667	0.001667 ± 0.015625	

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



Fest Step 4.24 (Repeat Count = 1)	Input Value		
NTermTimer_mS_M_u32	2934257226		
NTerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	261444892		
CermIgnOnTimer mS M u32	387525860		
CTermVehSpdInvalidTimer_mS_M_u32	3521095803		
CTerm_Cnt_M_lgc	0		
RampStatus Cnt M u08	2		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target Rte Call Ap VehPwrMd EpsEn OP	GET signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		•	ne
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		
_ATermTimeout_mS_u16	4000		
	0		
	0		
	45		
RampDnRt UlspmS f32	0.001667		
	0.001667		
_STTdEntryThresh_Kph_f32	255		
STTdExitThresh Kph f32	10		
_STTdRampDownRate_UlspmS_f32	0.001667		
STTdRampUpRate UlspmS f32	0.001667		
VehSpdThresh Kph f32	8.5		
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
arget Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	63829		
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_lgc		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target VehPwrMd Per1 CTermActive Cnt Igc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc		
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_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
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_U	_	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt I			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 VehSpdValid Cnt Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_	
arget VehPwrMd Per1 DmdDelestDASts Cnt u08.value	1	. •	
arget VehPwrMd Per1 DmdDelestDaVld Cnt lqc.value	1		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
arget VehPwrMd Per1 EngOn Cnt Igc.value	1		
arget VehPwrMd Per1 EtatMT Cnt u08.value	5		
arget VehPwrMd Per1 MEC Cnt enum.value	1		
arget VehPwrMd Per1 OutputRampMult Uls f32.value	0.110799998		
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
arget VehPwrMd Per1 SrlComVehSpd Kph f32.value	83.615799		
arget VehPwrMd Per1 VehSpdValid Cnt Igc.value	1		
lame	Actual Value	Expected Value	Res
Name was M u32	706598076	706598076	1.03
Term_Cnt_M_lgc	1	1	
CTermIgnOffTimer mS M u32	706598076	706598076	
CTermIgnOnTimer_mS_M_u32	706598076	706598076	
·	706598076	706598076	
CTermVehSpdInvalidTimer_mS_M_u32	1	706598076	
CTerm_Cnt_M_lgc	2	2	
RampStatus_Cnt_M_u08			
arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	
arget_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	0.001667	1 0.001667 ± 0.015625	
arget_VehPwrMd_Per1_OperRampRate_XpmS_f32.value			



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

arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1	Test Step 4.25 (Repeat Count = 1)	Input Value			
		· ·			
Transport Time of M					
	·				
Train Cold Mage					
2					
Ites Call AP, Verbindtd Epstin, DPI CETrigoral					
Record Ap VerherMid SystemTime DemnElapsedTime ms 1/0 ElapsedTime ms 1/0 Ela	RampStatus_Cnt_M_u08	2			
			OP_GET_signal		
Italian March Ma	Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	e) target_Rte_Call_Ap_VehPwrMd_System1	ime_DtrmnElapsedTime_mS_u16_Elapsed	Гime	
12	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_System1	ime_GetSystemTime_mS_u32_CurrentTime	9	
Agreeming Agre	tte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd			
Commisportimeout_ms_u16	Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2			
CTerminghoTmenut_ms_u16	_ATermTimeout_mS_u16	4000			
ClemwickSpdImodisTimodu_ms_u16	_CTermIgnOffTimeout_mS_u16	0			
RampDeRL UlspmS, F12	_CTermIgnOnTimeout_mS_u16	0			
Strote S	_CTermVehSpdInvalidTimeout_mS_u16	45			
STTGE/INT/Intesh_Kpt_182	_RampDnRt_UlspmS_f32	0.001667			
STTGE/INT/Intesh_Kpt_182					
STTGRampDownRate_UlspmS_132					
STTGRampDyRate_UlspmS_132					
STTGRampUpRate_Ulspns_1322					
Verbgoff Threeh_Kph_132	- :				
triget_Ric_Inst_Ap_VehPwMd_VehPwMd_Per1_CarmActive_Cnt_Igc					
target_Ries_Inst_Ap_VehPwrMd_VehPwrMd_Per1_OmdolestDASts_Cnt_u08 target_VehPwrMd_Per1_DmdolestDASts_Cnt_u08 target_VehPwrMd_Per1_DmdolestDASts_Cnt_u08 target_VehPwrMd_Per1_DmdolestDASts_Cnt_u08 target_VehPwrMd_Per1_DmdolestDASts_Cnt_u08 target_VehPwrMd_Per1_DmdolestDASts_Cnt_u08 target_VehPwrMd_Per1_DmdolestDASts_Cnt_u08 target_VehPwrMd_Per1_DmdolestDASts_Cnt_u08 target_VehPwrMd_Per1_DmdolestDASts_Cnt_u08 target_VehPwrMd_Per1_EngtMSriComSvcDft_Cnt_u08 target_VehPwrMd_Per1_EngtMSriComSvcDft_Cnt_u08 target_VehPwrMd_Per1_EngtMSriComSvcDft_Cnt_u08 target_VehPwrMd_Per1_EngtMSriComSvcDft_Cnt_u08 target_VehPwrMd_Per1_EngtMSriComSvcDft_Cnt_u08 target_VehPwrMd_Per1_EngtMSriComSvcDft_Cnt_u08 target_VehPwrMd_Per1_DmdolestDASts_Cnt_u08 target_VehPwrMd_Per1_DmdolestDASts_Cnt_u08 target_VehPwrMd_Per1_DmdolestDASts_Cnt_u08 target_VehPwrMd_Per1_DmdolestDASts_Cnt_u08 target_VehPwrMd_Per1_DmdolestDASts_Cnt_u08 target_VehPwrMd_Per1_DmdolestDASts_Cnt_u08 target_VehPwrMd_Per1_DmdolestDASts_Cnt_u08 target_VehPwrMd_Per1_SmdolestDASts_Cnt_u08 target_VehPwrMd_Pe			at Inc		
target_Rel_inst_Ap_VehPwrMd_VehPwrMd_Perl_EngONSriComSvcDft_Cnt_lgc					
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target_Rel_inst_Ap_VehPwrMd_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampRate_Xpms_132 target_VehPwrMd_Per1_OperRampWate_Uls_132 target_VehPwrMd_Per1_OperRampWate_Uls_132 target_VehPwrMd_Per1_OperRampWate_Uls_132 target_VehPwrMd_Per1_OperRampWate_Uls_132 target_VehPwrMd_Per1_OperRampWate_Uls_132 target_VehPwrMd_Per1_OperRampWate_Uls_132 target_VehPwrMd_Per1_DutpurRampMute_Uls_132 target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_Igc_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_Igc_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_Igc_VehPwrMd_Per1_SrIComVehSpd_Kph_132 target_VehPwrMd_Per1_SrIComVehSpd_Kph_132 target_VehPwrMd_Per1_SrIComVehSpd_Kph_132 target_VehPwrMd_Per1_SrIComVehSpd_Kph_132 target_VehPwrMd_Per1_SrIComVehSpd_Kph_132 target_VehPwrMd_Per1_DmDDelestDaVid_Cnt_Igc_value 1 target_VehPwrMd_Per1_EngOn_Cnt_Igc_value 1 target_VehPwrMd_Per1_EngOn_Cnt_Igc_value 2 target_Ve					
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arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value 0 arget_VehPwrMd_Per1_STIdSelected_Cnt_lgc.value 1 arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value 215.812103 arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 1 arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 1 arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value Expected Value Res arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 1 arget_VehPwrMd_lgc 1 1 arget_VehPwrMd_Part_Arget 2878490359 2878490359 arget_VehPwrMd_Part_Arget 2878490359 2878490359 arget_VehPwrMd_Part_Arget 1 1 arget_VehPwrMd_Pert_Arget 1 1 arget_VehPwrMd_Pert_Arget 1 1	arget_VehPwrMd_Per1_MEC_Cnt_enum.value	2			
1	arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.253500015			
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value 215.812103 arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 1 lame Actual Value Expected Value Res i.TermTimer_mS_M_u32 2878490359 2878490359 1 i.Term_Cnt_M_lgc 1 1 1 i.TermIgnOnTimer_mS_M_u32 2878490359 2878490359 2878490359 i.TermVehSpdInvalidTimer_mS_M_u32 2878490359 2878490359 2878490359 i.Term_Cnt_M_lgc 1 1 1 tampStatus_Cnt_M_u08 3 3 3 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1 1	arget VehPwrMd Per1 RampDwnStatusComplete Cnt lgc.value	0			
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value 215.812103 arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value 1 lame Actual Value Expected Value Res i.TermTimer_mS_M_u32 2878490359 2878490359 1 i.Term_Cnt_M_lgc 1 1 1 i.TermIgnOnTimer_mS_M_u32 2878490359 2878490359 2878490359 i.TermVehSpdInvalidTimer_mS_M_u32 2878490359 2878490359 2878490359 i.Term_Cnt_M_lgc 1 1 1 tampStatus_Cnt_M_u08 3 3 3 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1 1		1			
Actual Value					
Actual Value Expected Value Res I.TermTimer_mS_M_u32 2878490359 2878490359 2878490359 I.Term_Cnt_M_lgc 1 1 1 I.TermIgnOnTimer_mS_M_u32 2878490359 2878490359 2878490359 I.TermVehSpdInvalidTimer_mS_M_u32 2878490359 2878490359 2878490359 I.Term_Cnt_M_lgc 1 1 1 tampStatus_Cnt_M_u08 3 3 3 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1 1					
TermTimer_mS_M_u32 2878490359 2878490359 Term_Cnt_M_lgc 1 1 TermIgnOffTimer_mS_M_u32 2878490359 2878490359 TermIgnOnTimer_mS_M_u32 2878490359 2878490359 TermVehSpdInvalidTimer_mS_M_u32 2878490359 2878490359 Term_Cnt_M_lgc 1 1 tampStatus_Cnt_M_u08 3 3 target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1			Expected Value	Poo	
Term_Cnt_M_lgc 1 1 TermIgnOffTimer_mS_M_u32 2878490359 2878490359 TermIgnOnTimer_mS_M_u32 2878490359 2878490359 TermVehSpdInvalidTimer_mS_M_u32 2878490359 2878490359 Term_Cnt_M_lgc 1 1 ampStatus_Cnt_M_u08 3 3 urget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1				Kes	
ETERMIGNOFITIMER_MS_M_u32 2878490359 2878490359 ETERMIGNONTIMER_MS_M_u32 2878490359 2878490359 ETERMICH_MS_M_u32 2878490359 2878490359 ETERM_CNL_M_lgc 1 1 tampStatus_Cnt_M_u08 3 3 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1					
CTermIgnOnTimer_mS_M_u32 2878490359 2878490359 CTermVehSpdInvalidTimer_mS_M_u32 2878490359 2878490359 CTerm_Cnt_M_lgc 1 1 RampStatus_Cnt_M_u08 3 3 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1					
CTermVehSpdInvalidTimer_mS_M_u32 2878490359 2878490359 CTerm_Cnt_M_lgc 1 1 RampStatus_Cnt_M_u08 3 3 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1					
CTerm_Cnt_M_lgc 1 1 RampStatus_Cnt_M_u08 3 3 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1					
RampStatus_Cnt_M_u08 3 3 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1					
arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value 1 1					
	RampStatus_Cnt_M_u08				
	arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value				
	arget_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1		





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

Test Step Call Trace				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	~

Test Step 4.26 (Repeat Count = 1)			
Name	Input Value		
ATermTimer_mS_M_u32	2495065070		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	2193265331		
CTermIgnOnTimer_mS_M_u32	599581028		
CTermVehSpdInvalidTimer_mS_M_u32	3968258338		
CTerm_Cnt_M_lgc	0		
RampStatus_Cnt_M_u08	2		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_	OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTi	me) target_Rte_Call_Ap_VehPwrMd_System	Time_DtrmnElapsedTime_mS_u16_Elapsed	Time
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_System	Time_GetSystemTime_mS_u32_CurrentTime	е
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
<_ATermTimeout_mS_u16	4000		
<pre><_CTermIgnOffTimeout_mS_u16</pre>	0		
c_CTermIgnOnTimeout_mS_u16	0		
c_CTermVehSpdInvalidTimeout_mS_u16	45		
<pre>c_RampDnRt_UlspmS_f32</pre>	0.001667		
<pre>c_RampUpRtLoSpd_UlspmS_f32</pre>	0.001667		
<pre><_structure</pre> <pre><_STTdEntryThresh_Kph_f32</pre>	10		
STTdExitThresh Kph f32	10		
STTdRampDownRate UlspmS f32	0.001667		
STTdRampUpRate UlspmS f32	0.001667		
VehSpdThresh Kph f32	8.5		
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	1		
rarget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_Curre			
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 ATermActive Cnt Igc	target VehPwrMd Per1 ATermActive C	nt lac	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target VehPwrMd Per1 CTermActive C		
target Rte Inst Ap VehPwrMd.VehPwrMd Per1 DmdDelestDASts Cnt u08	target VehPwrMd Per1 DmdDelestDAS		
arget_Rte_Inst_Ap_vehPwrMd.VehPwrMd_Per1_DmdDelestDaVid_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaV		
arget_Rte_Inst_Ap_vehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lg			
ranget_rits_inst_xp_verif withid.verif withid_refr_engenveriform.gg ranget_Rte_Inst_xp_verif withid.vehPwrMd_Per1_EngOn_Cnt_lgc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
arget_Rte_Inst_Ap_VehPwrMd_VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u0		
rarget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enur		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate		
rarget_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		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_C			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_		
rarget_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	int_lgc	
arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1		
arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EtatMT_Cnt_u08.value	3		
arget_VehPwrMd_Per1_MEC_Cnt_enum.value	2		
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.274899989		
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	8.58959961		
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Res
ATermTimer_mS_M_u32	3144264485	3144264485	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer mS M u32	3144264485	3144264485	
v = = =	3144264485	3144264485	
CTermVehSpdInvalidTimer_mS_M_u32	3144264485	3144264485	
	1	1	
ATerm_Cnt_M_lgc CTermlgnOffTimer_mS_M_u32 CTermlgnOnTimer_mS_M_u32	1 3144264485 3144264485 3144264485	1 3144264485 3144264485 3144264485	

VehPwrMd_Per1



Name	Actual Value	Expected Value	Result
RampStatus_Cnt_M_u08	2	2	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.9999975e-005	9.9999975e-005 ± 0.00006103515625	•

Test Step Call Trace				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	-

Test Step 4.27 (Repeat Count = 1)	Invest Value		
	Input Value		
	3893476427		
ATerm_Cnt_M_lgc	0		
	764207749		
CTermIgnOnTimer_mS_M_u32	577801643		
CTermVehSpdInvalidTimer_mS_M_u32	678025687		
CTerm_Cnt_M_lgc	1		
RampStatus_Cnt_M_u08	2		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_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		
c_ATermTimeout_mS_u16	4000		
C_CTermIgnOffTimeout_mS_u16	0		
	0		
	45		
	0.001667		
	0.001667		
_ , , , _ , _ ,	10		
_ ,	0		
	0.001667		
	0.001667		
	8.5		
	1		
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
	475111353		
	target_VehPwrMd_Per1_ATermActive_Cnt_I	lac	
	target VehPwrMd Per1 CTermActive Cnt		
		•	
	target_VehPwrMd_Per1_DmdDelestDASts_0		
	target_VehPwrMd_Per1_DmdDelestDaVId_0		
	target_VehPwrMd_Per1_EngONSrlComSvcI	JIL_CIIL_IgC	
	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
	target_VehPwrMd_Per1_MEC_Cnt_enum	0.000	
	target_VehPwrMd_Per1_OperRampRate_Xp		
	target_VehPwrMd_Per1_OperRampValue_L	_	
	target_VehPwrMd_Per1_OutputRampMult_U		
	target_VehPwrMd_Per1_RampDwnStatusCo		
	target_VehPwrMd_Per1_STTdSelected_Cnt		
	target_VehPwrMd_Per1_SrlComVehSpd_Kp	_	
	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
	1		
0 =	0		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_EtatMT_Cnt_u08.value	13		
arget_VehPwrMd_Per1_MEC_Cnt_enum.value	1		
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.946200013		
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
	168.579193		
	1		
0 =	Actual Value	Expected Value	Res
	475111353	475111353	
	1	1	
	•		

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Name	A etual Malue	Funcated Value	Deculé
Name	Actual Value	Expected Value	Result
CTermIgnOnTimer_mS_M_u32	475111353	475111353	✓
CTermVehSpdInvalidTimer_mS_M_u32	475111353	475111353	✓
CTerm_Cnt_M_lgc	1	1	✓
RampStatus_Cnt_M_u08	3	3	✓
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	✓

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



Test Step 4.28 (Repeat Count = 1)	Innut Value		
Name	Input Value		
ATermTimer_mS_M_u32	3221011972		
ATerm_Cnt_M_lgc	0		
CTermIgnOnTimer_mS_M_u32	679556146		
CTermIgnOnTimer_mS_M_u32 CTermVehSpdInvalidTimer_mS_M_u32	2568753719 3050618560		
CTerm Cnt M lgc	0		
RampStatus_Cnt_M_u08	2		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target Rte Call Ap VehPwrMd EpsEn Ol	P GET signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime		OETsignal ne_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTir		
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd	,	
Rte Mode Ap VehPwrMd SystemState Mode()	2		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	255		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapsed			
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentT			
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVId_		
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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_MEC_Cnt_enum 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_RampDwnStatusComplete_Cnt_			
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	_	
target VehPwrMd Per1 DmdDelestDASts Cnt u08.value	0		
target VehPwrMd Per1 DmdDelestDaVld Cnt Igc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	3		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	2		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.978500009		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	172.168503		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	3680301220	3680301220	•
ATerm_Cnt_M_lgc	1	1	•
CTermIgnOffTimer_mS_M_u32	3680301220	3680301220	•
CTermIgnOnTimer_mS_M_u32	3680301220	3680301220	•
CTermVehSpdInvalidTimer_mS_M_u32	3680301220	3680301220	
CTerm_Cnt_M_lgc	1	1	•
RampStatus_Cnt_M_u08	2	2	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	•
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	•
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.00006103515625	١ ,

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



Test Step 4.29 (Repeat Count = 1) Name	Input Value		
	2533633848		
ATermTimer_mS_M_u32	0		
ATerm_Cnt_M_lgc CTermlgnOffTimer_mS_M_u32	2557660464		
CTermIgnOnTimer_mS_M_us2	3430684822		
	1949043855		
CTermVehSpdInvalidTimer_mS_M_u32	0		
CTerm_Cnt_M_lgc	2		
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	GE1_signal ne DtrmnElapsedTime mS u16 ElapsedTim	20
Rte_Call_Ap_VerPwrMd_SystemTime_DtffiliclapsedTime_inS_dTo(ElapsedTime) Rte_Call_Ap_VerPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target Rte Call Ap VehPwrMd SystemTim		JE
Rte_Call_Ap_veri-wind_System line_GetSystem line_InS_d32(Current line)	V	e_GetSystemTime_m3_u32_CurrentTime	
Rte_Inst_Ap_venrwind Rte_Mode Ap_VenPwrMd_SystemState_Mode()	target_Rte_Inst_Ap_VehPwrMd 2		
	4000		
<pre><_ATermTimeout_mS_u16</pre>	0		
<pre>c_CTermIgnOffTimeout_mS_u16</pre>	0		
<pre><_CTermIgnOnTimeout_mS_u16</pre>			
C_CTermVehSpdInvalidTimeout_mS_u16	0.001667		
<_RampDnRt_UlspmS_f32 <_RampUnRt_ulspmS_f32	0.001667 0.001667		
<pre>(_RampUpRtLoSpd_UlspmS_f32</pre>			
<_STTdEntryThresh_Kph_f32	10		
C_STTdExitThresh_Kph_f32 C_STTdExmpDownPate_Ulappes_f22	207.415695		
C_STTdRampDownRate_UlspmS_f32	0.001667		
C_STTdRampUpRate_UlspmS_f32	0.001667		
<_VehSpdThresh_Kph_f32	8.5		
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_CurrentTir			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cnt_	•	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc	Dπ_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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	0. (00	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X		
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_I		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt I			
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	_	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EtatMT_Cnt_u08.value	2		
arget_VehPwrMd_Per1_MEC_Cnt_enum.value	2		
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.192699999		
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	8.3810997		
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Res
ATermTimer_mS_M_u32	3638245348	3638245348	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	3638245348	3638245348	
CTermIgnOnTimer_mS_M_u32	3638245348	3638245348	
CTermVehSpdInvalidTimer_mS_M_u32	3638245348	3638245348	
CTerm_Cnt_M_lgc	0	0	
RampStatus_Cnt_M_u08	2	2	
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	0.001667	0.001667 ± 0.015625	
arger veriewriviu Ferr Operkampkate Aprilo 132.value			



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

Test Step 4.30 (Repeat Count = 1) Name	Input Value		
ATermTimer_mS_M_u32	1929185168		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	1392353736		
CTermIgnOnTimer mS M u32	467105645		
CTermVehSpdInvalidTimer_mS_M_u32	2017380725		
CTerm_Cnt_M_lgc	0		
RampStatus Cnt M u08	2		
Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target Rte Call Ap VehPwrMd EpsEn OP	GET signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target Rte Call Ap VehPwrMd SystemTime	_ •	
	target Rte Call Ap VehPwrMd SystemTime		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target Rte Inst Ap VehPwrMd	e_GetSystemTime_ms_usz_currentTime	
Rte_Inst_Ap_VehPwrMd	2		
Rte_Mode_Ap_VehPwrMd_SystemState_Mode()	4000		
k_ATermTimeout_mS_u16			
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
$target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elaps$	52022		
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_ms_u32_CurrentT$	1623763244		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_lo	gc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lo	gc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_0	cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_C	nt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_Xp	mS_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 RampDwnStatusComplete Cnt I			
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 Kpl		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target VehPwrMd Per1 VehSpdValid Cnt le	_	
target VehPwrMd Per1 DmdDelestDASts Cnt u08.value	1	,-	
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	3		
target_VehPwrMd_Per1_MEC_Cnt_enum.value	1		
target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.573899984		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	28.9125996		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	1623763244	1623763244	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	1623763244	1623763244	
CTermIgnOnTimer_mS_M_u32	1623763244	1623763244	
CTermVehSpdInvalidTimer_mS_M_u32	1623763244	1623763244	
CTerm_Cnt_M_lgc	1	1	
RampStatus_Cnt_M_u08	3	3	
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	
	1	1	





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

Test Step Call Trace				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	~

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

Test Step Call Trace				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	-

Name	Input Value		
ATermTimer mS M u32	991018201		
ATerm_Cnt_M_lgc	1		
	1562174934		
CTermIgnOffTimer_mS_M_u32 CTermIgnOnTimer_mS_M_u32	4004438692		
CTermVehSpdInvalidTimer_mS_M_u32	1716869677		
CTerm_Cnt_M_lgc	0		
RampStatus_Cnt_M_u08	2		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	,	
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_SystemTim	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	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.00499999989		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	2151		
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTi	2299782989		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_Igc	target_VehPwrMd_Per1_ATermActive_Cnt_	<u>lgc</u>	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_	<u>lgc</u>	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVId_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_	Cnt_lgc	
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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
arget_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	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	target_VehPwrMd_Per1_OutputRampMult_	Uls_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_I	target_VehPwrMd_Per1_RampDwnStatusC	omplete_Cnt_lgc	
arget_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	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	12		
arget_VehPwrMd_Per1_MEC_Cnt_enum.value	0		
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.700900018		
target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
rarget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	2.38829994		
arget VehPwrMd Per1 VehSpdValid Cnt Igc.value	1		
Name	Actual Value	Expected Value	Resu
ATermTimer mS M u32	2299782989	2299782989	. 1031
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer mS M u32	2299782989	2299782989	
orennighon rillier_Illo_Ivi_uoz	2230102303	223102303	

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Name	Actual Value	Expected Value	Result
CTermIgnOnTimer_mS_M_u32	2299782989	2299782989	•
CTermVehSpdInvalidTimer_mS_M_u32	2299782989	2299782989	•
CTerm_Cnt_M_lgc	0	0	•
RampStatus_Cnt_M_u08	2	2	~
target_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	✓
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	~
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.0049999989	0.00499999999 ± 0.015625	✓
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	9.99999975e-005	9.99999975e-005 ± 0.0000610351562	25

Test Step Call Trace				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	~



Test Step 4.33 (Repeat Count = 1) Name	Input Value		
ATermTimer_mS_M_u32	1109852427		
ATerm_Cnt_M_lgc	1		
CTermlgnOffTimer_mS_M_u32	4211297476		
CTermIgnOnTimer mS M u32	2410699036		
CTermVehSpdInvalidTimer mS M u32	4065434492		
CTerm_Cnt_M_lgc	0		
RampStatus_Cnt_M_u08	2		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF	P_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin	ne_DtrmnElapsedTime_mS_u16_Elapse	dTime
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTin	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	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.00309500005		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
$target_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse$	19774		
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir$	4163616179		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_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_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_		
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_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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_VehPwrMd_Per1_RampDwnStatusC		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	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	_igc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	10		
	1		
target_VehPwrMd_Per1_MEC_Cnt_enum.value target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.138799995		
target VehPwrMd Per1 RampDwnStatusComplete Cnt Igc.value	1		
target_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	9.11909962		
target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Resul
		· ·	Resul
ATermTimer_mS_M_u32 ATerm Cnt M lqc	4163616179 1	4163616179	
	4163616179	4163616179	
CTermIgnOffTimer_mS_M_u32 CTermIgnOnTimer mS M u32	4163616179	4163616179	
·	4163616179	4163616179	
CTermVehSpdInvalidTimer_mS_M_u32 CTerm Cnt M lgc	1	1	
RampStatus_Cnt_M_u08	2	2	
target VehPwrMd Per1 ATermActive Cnt Igc.value	1	1	
target_vehPwrMd_Per1_ATermActive_Cnt_igc.value target_VehPwrMd_Per1_CTermActive_Cnt_igc.value	1	1	
	0.00309500005	0.00309500005 ± 0.015625	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value			

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



Fest Step 4.34 (Repeat Count = 1)	Input Value		
	3572366124		
	1		
	16962285		
	3211396611		
	3247247467		
	0		
= = = 0	2		
	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	GET signal	
	target Rte Call Ap VehPwrMd SystemTim		ie
	target_Rte_Call_Ap_VehPwrMd_SystemTim		
	target_Rte_Inst_Ap_VehPwrMd		
	2		
	4000		
	0		
	0		
	45		
	0.001667		
	0.001667		
_ , , , _ , _	10		
_ , , ,	10		
	0.001667		
	0.001667		
_	8.5		
	1		
arget Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse			
arget Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTir			
	target_VehPwrMd_Per1_ATermActive_Cnt_I	ac	
	target VehPwrMd Per1 CTermActive Cnt		
·	target_VehPwrMd_Per1_DmdDelestDASts_0	•	
	target_VehPwrMd_Per1_DmdDelestDaVld_0		
	target_VehPwrMd_Per1_EngONSrlComSvcI		
	target_VehPwrMd_Per1_EngOn_Cnt_lgc	<u>-</u>	
	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
	target_VehPwrMd_Per1_MEC_Cnt_enum		
	target_VehPwrMd_Per1_OperRampRate_Xp	omS f32	
	target_VehPwrMd_Per1_OperRampValue_L		
	target_VehPwrMd_Per1_OutputRampMult_L		
	target VehPwrMd Per1 RampDwnStatusCo		
	target_VehPwrMd_Per1_STTdSelected_Cnt		
	target VehPwrMd Per1 SrlComVehSpd Kp		
	target_VehPwrMd_Per1_VehSpdValid_Cnt_	_	
	1	J.	
0	1		
0	1		
	1		
0 =	9		
·	2		
0 =	0.109899998		
	1		
	1		
0 =	6.64849997		
	1		
372 3 2 3 2 3 2 3 2 3 3 3 3 3 3 3 3 3 3	Actual Value	Expected Value	Res
	4124682821	4124682821	Nes
	1	1	
= = = 0	4124682821	4124682821	
	4124682821	4124682821	
0		4124682821 4124682821	
	4124682821		
= = = 0	1	1	
Comp Ctatus Cat M vi00	2	2	\perp
	1	4	
arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	1	
arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value arget_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1 1 0.001667	1 1 0.001667 ± 0.015625	



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

Fest Step 4.35 (Repeat Count = 1)	Input Value		
	2385656486		
	1		
0	3483317430		
0	1236275200		
	4164470248		
	0		
RampStatus_Cnt_M_u08	2		
	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	CGET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	ne_DtrmnElapsedTime_mS_u16_ElapsedTi	me
tte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	$target_Rte_Call_Ap_VehPwrMd_SystemTim$	ne_GetSystemTime_mS_u32_CurrentTime	
tte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
tte_Mode_Ap_VehPwrMd_SystemState_Mode()	2		
_ATermTimeout_mS_u16	4000		
_CTermIgnOffTimeout_mS_u16	0		
_CTermIgnOnTimeout_mS_u16	0		
_CTermVehSpdInvalidTimeout_mS_u16	45		
_RampDnRt_UlspmS_f32	0.001667		
	0.001667		
- , , , - , -	10		
	10		
	0.001667		
	9.9999975e-005		
	8.5		
	0		
arget Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse			
arget Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTir			
		lan	
	target_VehPwrMd_Per1_ATermActive_Cnt_		
	target_VehPwrMd_Per1_CTermActive_Cnt_	•	
	target_VehPwrMd_Per1_DmdDelestDASts_		
	target_VehPwrMd_Per1_DmdDelestDaVld_		
	target_VehPwrMd_Per1_EngONSrlComSvc	Dtt_Cnt_igc	
	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
	target_VehPwrMd_Per1_MEC_Cnt_enum		
	target_VehPwrMd_Per1_OperRampRate_X		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	Jls_f32	
	$target_VehPwrMd_Per1_OutputRampMult_I$		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt I	$target_VehPwrMd_Per1_RampDwnStatusCells$	omplete_Cnt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt	t_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	$target_VehPwrMd_Per1_SrlComVehSpd_Kpt_{a}$	ph_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_lgc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	<u>lgc</u>	
arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
	1		
	1		
0 =	12		
	0		
312 1 2 12 12 1 1 1 1 1	0.225999996		
312 1 21 21 41 1 7 1 21 21 1 1 1	1		
	1		
	5.92980003		
	0		
	Actual Value	Expected Value	Res
	3705640481	3705640481	
.Term_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	3705640481	3705640481	
TermIgnOnTimer_mS_M_u32	3705640481	3705640481	
CTermVehSpdInvalidTimer_mS_M_u32	3705640481	3705640481	
, romit one paint and rimor_me_or_	2	0	
	0	U	
CTerm_Cnt_M_lgc	3	3	
CTerm_Cnt_M_lgc RampStatus_Cnt_M_u08			





Name	Actual Value	Expected Value	Result
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	9.9999975e-005	9.9999975e-005 ± 0.015625	~
target_VehPwrMd_Per1_OperRampValue_Uls_f32.value	1	1 ± 0.00006103515625	~

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

Test Step 4.36 (Repeat Count = 1)	Input Value		
Name	Input Value		
ATermTimer_mS_M_u32	18202774		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer_mS_M_u32	681032359		
CTermIgnOnTimer_mS_M_u32	939170901		
CTermVehSpdInvalidTimer_mS_M_u32	1138512578		
CTerm_Cnt_M_lgc	0		
RampStatus_Cnt_M_u08	2		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OF		
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)			
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		
<_ATermTimeout_mS_u16	4000		
c_CTermIgnOffTimeout_mS_u16	0		
CTermIgnOnTimeout_mS_u16	0		
c_CTermVehSpdInvalidTimeout_mS_u16	45		
c_RampDnRt_UlspmS_f32	0.001667		
c_RampUpRtLoSpd_UlspmS_f32	0.001667		
c_STTdEntryThresh_Kph_f32	10		
c_STTdExitThresh_Kph_f32	10		
c_STTdRampDownRate_UlspmS_f32	0.001667		
c_STTdRampUpRate_UlspmS_f32	0.00499999989		
c_VehSpdThresh_Kph_f32	8.5		
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	19015		
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	2559579993		
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_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_	_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	_Cnt_u08	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_	Cnt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc	Dft_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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	pmS_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_I	Jls_f32	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 OutputRampMult Uls f32	target_VehPwrMd_Per1_OutputRampMult_		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_I			
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 STTdSelected Cnt Igc	target VehPwrMd Per1 STTdSelected Cn		
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_	_	
arget VehPwrMd Per1 DmdDelestDASts Cnt u08.value	0	-5-	
arget VehPwrMd Per1 DmdDelestDaVld Cnt Igc.value	1		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
arget VehPwrMd Per1 EngOn Cnt Igc.value	1		
arget VehPwrMd Per1 EtatMT Cnt u08.value	12		
arget_VehPwrMd_Per1_MEC_Cnt_enum.value	1		
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.523699999		
arget_VenPwrMd_Per1_OutputRampwidit_Ois_isz.value arget_VenPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0.525099999		
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1		
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	342.022705		
	0		
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value		Europeted Value	la.
Name	Actual Value	Expected Value	Resu
ATermTimer_mS_M_u32	2559579993	2559579993	
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer_mS_M_u32	2559579993	2559579993	
CTermIgnOnTimer_mS_M_u32	2559579993	2559579993	
	2559579993	2559579993	
CTermVehSpdInvalidTimer_mS_M_u32 CTerm_Cnt_M_lgc	0	0	





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

Fest Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	-

Test Step 4.37 (Repeat Count = 1)			
Name	Input Value		
ATermTimer_mS_M_u32	2032686388		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	97967138		
CTermIgnOnTimer_mS_M_u32	1643874540		
CTermVehSpdInvalidTimer_mS_M_u32	41026122		
CTerm_Cnt_M_lgc	0		
RampStatus_Cnt_M_u08	2		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_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		
	4000		
	0		
- · ·	0		
	45		
	0.001667		
	0.001667		
_ , , , _ , _	10		
k_STTdExitThresh_Kph_f32	10		
	0.001667		
	0.000354999996		
	8.5		
	1		
arget Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse			
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTir			
	target_VehPwrMd_Per1_ATermActive_Cnt_I	ac	
	target VehPwrMd Per1 CTermActive Cnt		
	target_VehPwrMd_Per1_DmdDelestDASts_t	•	
	target_VehPwrMd_Per1_DmdDelestDaVld_0		
	target_VehPwrMd_Per1_EngONSrlComSvcI target_VehPwrMd_Per1_EngOn_Cnt_lgc	on_on_ge	
	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
	target_VehPwrMd_Per1_MEC_Cnt_enum	umC f22	
	target_VehPwrMd_Per1_OperRampRate_Xp target_VehPwrMd_Per1_OperRampValue_L		
		_	
	target_VehPwrMd_Per1_OutputRampMult_L		
	target_VehPwrMd_Per1_RampDwnStatusCo		
	target_VehPwrMd_Per1_STTdSelected_Cnt		
	target_VehPwrMd_Per1_SrlComVehSpd_Kp	_	
	target_VehPwrMd_Per1_VehSpdValid_Cnt_	gc	
*	0		
0 =	1		
	1		
0 =	0		
	3		
312 1 2 12 2 13 1	0		
0 =	0.682500005		
° ' °	0		
0 =	1		
	22.5547009		
	1		
	Actual Value	Expected Value	Resu
	3181093784	3181093784	L .
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer mS M u32	3181093784	3181093784	

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

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



Test Step 4.38 (Repeat Count = 1) Name	Input Value		
ATermTimer_mS_M_u32	1675551813		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	596742987		
CTermIgnOnTimer mS M u32	761579181		
CTermVehSpdInvalidTimer mS M u32	3606596395		
CTerm Cnt M lgc	0		
RampStatus_Cnt_M_u08	2		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP	_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_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()	2		
k_ATermTimeout_mS_u16	4000		
k_CTermIgnOffTimeout_mS_u16	0		
k_CTermIgnOnTimeout_mS_u16	0		
k_CTermVehSpdInvalidTimeout_mS_u16	45		
k_RampDnRt_UlspmS_f32	0.001667		
k_RampUpRtLoSpd_UlspmS_f32	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
k_STTdRampDownRate_UlspmS_f32	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
k_VehSpdThresh_Kph_f32	8.5		
target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal target Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	0		
target_Rte_Call_Ap_venPwrMd_SystemTime_Duminiciapsed+line_riiS_u+iS_clapse 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	lac	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Ont_		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_Vehr wmd_rer1_DmdDelestDASts_	•	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld_		
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 Igc	2. 20.	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_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	
$target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_Inst_Ap_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_InstAp_VehPwrMd_PwrMd_Per1_RampDwnDwnStatusComplete_Cnt_InstAp_VehPwrMd_Per1_RampD$	target_VehPwrMd_Per1_RampDwnStatusC	omplete_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc	target_VehPwrMd_Per1_STTdSelected_Cnt	:_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	bh_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_	lgc	
target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EngOn_Cnt_lgc.value	1		
target_VehPwrMd_Per1_EtatMT_Cnt_u08.value	11		
target_VehPwrMd_Per1_MEC_Cnt_enum.value target_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	1		
target_venPwrMd_Per1_OutputRampMult_Ois_i3z.value target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0.316199988		
target_VehPwrMd_Per1_StTdSelected_Cnt_lgc.value	1		
target_VehPwrMd_Per1_S11dSelected_Ont_igc.value	439.457703		
target_vehr whitd_Per1_ShcontvehSpd_Kph_loz.value	0		
Name	Actual Value	Expected Value	Resul
ATermTimer_mS_M_u32	4011379992	4011379992	Resul
ATerm Cnt M lgc	1	1	
CTermIgnOffTimer mS M u32	4011379992	4011379992	
CTermIgnOnTimer mS M u32	4011379992	4011379992	
CTermVehSpdInvalidTimer_mS_M_u32	4011379992	4011379992	
CTerm Cnt M lgc	0	0	
RampStatus_Cnt_M_u08	3	3	
target VehPwrMd Per1 ATermActive Cnt Igc.value	1	1	
target_VehPwrMd_Per1_CTermActive_Cnt_lgc.value	1	1	
target_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	
	1	1 ± 0.00006103515625	

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



Test Step 4.39 (Repeat Count = 1)	Input Value		
ATermTimer_mS_M_u32	3805470526		
ATerm_Cnt_M_lgc	1		
CTermIgnOffTimer mS M u32	2281105244		
CTermIgnOnTimer_mS_M_u32	3749720572		
CTermVehSpdInvalidTimer_mS_M_u32	3330920839		
CTerm_Cnt_M_lgc	0		
RampStatus Cnt M u08	0		
Rte Call Ap VehPwrMd EpsEn OP GET(signal)	target Rte Call Ap VehPwrMd EpsEn OF	GET signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	· ·	,	nsedTime
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		
x_ATermTimeout_mS_u16	4000		
c_CTermIgnOffTimeout_mS_u16	0		
c_CTermIgnOnTimeout_mS_u16	0		
c_CTermVehSpdInvalidTimeout_mS_u16	45		
c_RampDnRt_UlspmS_f32	0.001667		
RampUpRtLoSpd UlspmS f32	0.001667		
STTdEntryThresh Kph f32	10		
STTdExitThresh Kph f32	10		
STTdRampDownRate UlspmS f32	0.001667		
STTdRampUpRate UlspmS f32	0.001667		
<pre>C_VehSpdThresh_Kph_f32</pre>	0		
arget Rte Call Ap VehPwrMd EpsEn OP GET signal	0		
arget Rte Call Ap VehPwrMd SystemTime DtrmnElapsedTime mS u16 Elapse	40395		
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_	lac	
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 CTermActive Cnt Igc	target VehPwrMd Per1 CTermActive Cnt		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_	•	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc	target_VehPwrMd_Per1_EngONSrlComSvc		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngOn_Cnt_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	2, 23,	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_X	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_		
arget Rte Inst Ap VehPwrMd.VehPwrMd Per1 RampDwnStatusComplete Cnt I			
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_Cn	0	
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_	_	
arget VehPwrMd Per1 DmdDelestDASts Cnt u08.value	0	. 0	
arget VehPwrMd Per1 DmdDelestDaVld Cnt lgc.value	0		
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1		
arget VehPwrMd Per1 EngOn Cnt Igc.value	0		
arget VehPwrMd Per1 EtatMT Cnt u08.value	13		
arget VehPwrMd Per1 MEC Cnt enum.value	2		
arget VehPwrMd Per1 OutputRampMult Uls f32.value	0.0140000004		
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	1		
arget VehPwrMd Per1 STTdSelected Cnt Igc.value	1		
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	198.115997		
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1		
Name	Actual Value	Expected Value	Res
ATermTimer_mS_M_u32	3911924416	3911924416	1163
ATerm_Cnt_M_lgc	1	1	
CTermIgnOffTimer mS M u32	3911924416	3911924416	
CTermignOnTimer_ms_m_usz	3911924416	3911924416	
	3911924416	3911924416	
CTerm/VehSpdInvalidTimer_mS_M_u32	1	1	
CTerm_Cnt_M_lgc	0	0	
RampStatus_Cnt_M_u08	1	1	
arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value		·	
arget_VehPwrMd_Per1_CTermActive_Cnt_lgc.value arget_VehPwrMd_Per1_OperRampRate_XpmS_f32.value	1	1	
amer venewdyn Peri Unerkamnkaie XNMS 132 Vallie	0.001667	0.001667 ± 0.015625	



Test Step Call Trace				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	•

Test Step 4.40 (Repeat Count = 1) Name	Input Value	
	·	
ATermTimer_mS_M_u32	1190882813	
ATerm_Cnt_M_lgc	0	
CTermIgnOffTimer_mS_M_u32	1762782725	
CTermIgnOnTimer_mS_M_u32	2503981986	
CTermVehSpdInvalidTimer_mS_M_u32	573185223	
CTerm_Cnt_M_lgc	0	
RampStatus_Cnt_M_u08	2	
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		
Rte_Call_Ap_VehPwrMd_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	
x_ATermTimeout_mS_u16	4000	
c_CTermIgnOffTimeout_mS_u16	0	
c_CTermIgnOnTimeout_mS_u16	0	
CCTermVehSpdInvalidTimeout_mS_u16	45	
x_RampDnRt_UlspmS_f32	0.001667	
x_RampUpRtLoSpd_UlspmS_f32	0.001667	
x_STTdEntryThresh_Kph_f32	10	
<_STTdExitThresh_Kph_f32	10	
c_STTdRampDownRate_UlspmS_f32	0.001667	
c_STTdRampUpRate_UlspmS_f32	0.001667	
<_VehSpdThresh_Kph_f32	255	
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0	
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	8649	
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTi	4292876547	
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_lgc	target_VehPwrMd_Per1_CTermActive_Cnt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_Igc	target_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	
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_Igc	target_VehPwrMd_Per1_EngOn_Cnt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum	
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 RampDwnStatusComplete Cnt I	target_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc	
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_Kph_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_lgc	
arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	1	
arget_VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc.value	1	
arget_VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_lgc.value	1	
arget_VehPwrMd_Per1_EngOn_Cnt_lgc.value	0	
arget_VehPwrMd_Per1_EtatMT_Cnt_u08.value	6	
arget_VehPwrMd_Per1_MEC_Cnt_enum.value	1	
arget_VehPwrMd_Per1_OutputRampMult_Uls_f32.value	0.921400011	
arget_VehPwrMd_Per1_RampDwnStatusComplete_Cnt_lgc.value	0	
arget_VehPwrMd_Per1_STTdSelected_Cnt_lgc.value	1	
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	60.5251007	
arget_VehPwrMd_Per1_VehSpdValid_Cnt_lgc.value	1	
Name		Res
ATermTimer_mS_M_u32	4292876547 4292876547	.163
ATerm_Cnt_M_lgc	1 1	
CTermIgnOffTimer mS M u32		
	4292876547 4292876547	
CTermIgnOnTimer_mS_M_u32	4292876547 4292876547	
CTermVehSpdInvalidTimer_mS_M_u32	4292876547 4292876547	
CTerm_Cnt_M_lgc	0	
	0	
RampStatus_Cnt_M_u08 arget_VehPwrMd_Per1_ATermActive_Cnt_lgc.value	1	





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

Test Step Call Trace			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	~

Test Step 4.41 (Repeat Count = 1)	Innut Value		
	Input Value		
1 - 1 - 1	48922192		
	0		
	3075983672		
3 1 1 2 1 2 1 2 1 1	3100190659		
	1883079782		
	0		
	0		
	target_Rte_Call_Ap_VehPwrMd_EpsEn_C		_
		ime_DtrmnElapsedTime_mS_u16_Elapsed	
		ime_GetSystemTime_mS_u32_CurrentTim	ie
	target_Rte_Inst_Ap_VehPwrMd		
	2		
	4000		
	0		
	0		
	45		
	0.001667		
= 1	0.001667		
k_STTdEntryThresh_Kph_f32	10		
k_STTdExitThresh_Kph_f32	10		
	0.001667		
k_STTdRampUpRate_UlspmS_f32	0.001667		
<_VehSpdThresh_Kph_f32	97.982399		
arget_Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET_signal	0		
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse	36155		
arget_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTir	648707082		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_ATermActive_Cnt_lgc	target_VehPwrMd_Per1_ATermActive_Cr	t_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_CTermActive_Cnt_Igc	target_VehPwrMd_Per1_CTermActive_Cr	nt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDASts_Cnt_u08	target_VehPwrMd_Per1_DmdDelestDASt	s_Cnt_u08	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_DmdDelestDaVld_Cnt_lgc	target_VehPwrMd_Per1_DmdDelestDaVld	d_Cnt_lgc	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_EngONSrlComSvcDft_Cnt_Igc	target_VehPwrMd_Per1_EngONSrlComS	vcDft_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_EtatMT_Cnt_u08	target_VehPwrMd_Per1_EtatMT_Cnt_u08	3	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_MEC_Cnt_enum	target_VehPwrMd_Per1_MEC_Cnt_enum		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampRate_XpmS_f32	target_VehPwrMd_Per1_OperRampRate_	XpmS_f32	
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_OutputRampMul	t_Uls_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_le	target_VehPwrMd_Per1_RampDwnStatus	Complete_Cnt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_Igc	target_VehPwrMd_Per1_STTdSelected_C	Cnt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_	Kph_f32	
	target_VehPwrMd_Per1_VehSpdValid_Cr	· · -	
	0		
	0		
	0		
	0		
	13		
*	2		
0 =	0.835799992		
	1		
	1		
arget_VehPwrMd_Per1_SrlComVehSpd_Kph_f32.value	149.232407		
	1		
0 =	Actual Value	Expected Value	Resu
		Expected Value	Rest
	648707082	648707082	
	1	1	
	648707082	648707082	
CTermIgnOnTimer_mS_M_u32	648707082 648707082	648707082 648707082	

VehPwrMd_Per1



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

Test Step Call Trace				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	-

Test Step 4.42 (Repeat Count = 1)			
	Input Value		
ATermTimer_mS_M_u32 :	3858331306		
ATerm_Cnt_M_lgc	0		
CTermIgnOffTimer_mS_M_u32	1713500778		
CTermIgnOnTimer_mS_M_u32	348105251		
CTermVehSpdInvalidTimer_mS_M_u32	202852639		
CTerm_Cnt_M_lgc	0		
RampStatus_Cnt_M_u08	0		
Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_VehPwrMd_EpsEn_OP_	_GET_signal	
Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime	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()	2		
	4000		
	0		
	0		
	45		
	0.001667		
	0.001667		
	10		
_ , , _	10		
	0.001667		
	0.001667		
_ , , _ , _	8.5		
342 424 2 12 1 2 2 2 3 4	1		
arget_Rte_Call_Ap_VehPwrMd_SystemTime_DtrmnElapsedTime_mS_u16_Elapse			
	286023336		
	target_VehPwrMd_Per1_ATermActive_Cnt_I		
	target_VehPwrMd_Per1_CTermActive_Cnt_I		
	target_VehPwrMd_Per1_DmdDelestDASts_0		
	target_VehPwrMd_Per1_DmdDelestDaVld_0		
	target_VehPwrMd_Per1_EngONSrlComSvcI	Oft_Cnt_lgc	
	target_VehPwrMd_Per1_EngOn_Cnt_lgc		
	target_VehPwrMd_Per1_EtatMT_Cnt_u08		
	target_VehPwrMd_Per1_MEC_Cnt_enum		
	target_VehPwrMd_Per1_OperRampRate_Xp		
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OperRampValue_Uls_f32	target_VehPwrMd_Per1_OperRampValue_U	ls_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_OutputRampMult_Uls_f32	$target_VehPwrMd_Per1_OutputRampMult_U$	ls_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_RampDwnStatusComplete_Cnt_I	target_VehPwrMd_Per1_RampDwnStatusCo	mplete_Cnt_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_STTdSelected_Cnt_lgc t	$target_VehPwrMd_Per1_STTdSelected_Cnt_$	_lgc	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_SrlComVehSpd_Kph_f32	target_VehPwrMd_Per1_SrlComVehSpd_Kp	h_f32	
arget_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Per1_VehSpdValid_Cnt_Igc	target_VehPwrMd_Per1_VehSpdValid_Cnt_I	gc	
arget_VehPwrMd_Per1_DmdDelestDASts_Cnt_u08.value	0		
	0		
	1		
	0		
	11		
0 =	0		
312 1 12 12 12 12 1	0.803900003		
·	0		
	1		
got	7.77139997		
arget VehPwrMd Per1 SrlComVehSnd Knh f32 value	1.11 100001		
0	1		
arget_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	1 Actual Value	Evenanted Value	Dar
arget_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value	Actual Value	Expected Value	Resu
arget_VehPwrMd_Per1_VehSpdValid_Cnt_Igc.value Name ATermTimer_mS_M_u32		Expected Value 286023336 1	Resu

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

Test Step Call Trace				✓	
	Actual Function	Count	Expected Function	Count	Result
	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	Rte_Mode_Ap_VehPwrMd_SystemState_Mode	1	~
	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	Rte_Call_Ap_VehPwrMd_EpsEn_OP_GET	1	~
	Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32	1	-

VehPwrMd_Init1

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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	2	
Successful	2	✓
Failed	0	
Not Executed	0	

Module Properties

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

Name	Text
Name Module 'VehPwrMd'	Text Unit Test Information Name of Tester: Sachin Kamate Code File(s) Under Test: Ap_VehPwrMd.c Code File(s) Version: 2 Module Design Document: VehPwrMd_MDD.doc Module Design Document Version: 6 Data Dictionary Version: 6 Unit Test Plan Version: 3 Optimization Level: Ogeneral Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: None Model Version: Nexteer EPS Unit Test Tool 1.0
	Model Version: Nexteer EPS Unit Test 10011.0 Total FLASH Used (Bytes): 978 Total RAM Used (Bytes): 19 Total CALS Used (Bytes): 36 Special Test Requirements: NA Test Date: 3/12/2018 Comments: Note1: Inline functions defined in "Globalmacro.h"are not unit tested. Note2: "CBD_Sandbox_dbg.map" file is embedded for reference. Note3: In Funtion "VehPwrMd_Per1", 100% MC/DC coverage is not possible at Src Line No. 955. Anomaly needs to be logged for the same. Note4: In Function "VehPwrMd_Per1", the PIM variable "RampStatus_Cnt_M_u08" is going Out of range [0, 3] over the DD range [0, 2]. Anomaly needs to be logged for the same.

Attributes		
Name	Value	
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5	
Float Precision	9	
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj	
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src	
Linker File	<pre>ter File</pre>	
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl	
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4	
Time Unit	cycles	
Timer Enabled	false	
Timer Prescale	0	
Timer Resolution	1	

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VehPwrMd_Init1



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



Test Case 1: Range Test

Specification Performance Metrics:

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

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

Description Vector Description:

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

Test Step 1.1 (Repeat Count = 1)			V
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	target_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	9.9999975e-005		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_ms_u32_CurrentTim	0		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	target_VehPwrMd_Init1_OperRampRate_Xpr	mS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	target_VehPwrMd_Init1_OperRampValue_Uls_f32		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	0	0	~
CTermIgnOffTimer_mS_M_u32	0	0	~
CTermIgnOnTimer_mS_M_u32	0	0	~
CTermVehSpdInvalidTimer_mS_M_u32	0	0	~
target_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	9.9999975e-005	9.9999975e-005 ± 0.015625	~
target_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	~

Test Step Call Trace				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 1.2 (Repeat Count = 1)			✓
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	target_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	0.00499999989		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_ms_u32_CurrentTim	4294967295		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	target_VehPwrMd_Init1_OperRampRate_XpmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_UIs_f32	target_VehPwrMd_Init1_OperRampValue_Uls_f32		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4294967295	4294967295	~
CTermIgnOffTimer_mS_M_u32	4294967295	4294967295	~
CTermlgnOnTimer_mS_M_u32	4294967295	4294967295	~
CTermVehSpdInvalidTimer_mS_M_u32	4294967295	4294967295	~
target_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.015625	~
target_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	~

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



Test Step 1.3 (Repeat Count = 1)			~
Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	0.001667		
target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_ms_u32_CurrentTim	0		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	target_VehPwrMd_Init1_OperRampRate_Xp	mS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_UIs_f32	target_VehPwrMd_Init1_OperRampValue_Uls_f32		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	0	0	~
CTermIgnOffTimer_mS_M_u32	0	0	~
CTermIgnOnTimer_mS_M_u32	0	0	~
CTermVehSpdInvalidTimer_mS_M_u32	0	0	•
target_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~

Test Step 1.4 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime	e_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	0.001667		
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTir	4294967295		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	target_VehPwrMd_Init1_OperRampRate_XpmS_f32		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	target_VehPwrMd_Init1_OperRampValue_Uls_f32		
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	4294967295	4294967295	~
CTermIgnOffTimer_mS_M_u32	4294967295	4294967295	~
CTermIgnOnTimer_mS_M_u32	4294967295	4294967295	~
CTermVehSpdInvalidTimer_mS_M_u32	4294967295	4294967295	•
target_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	•

Test Step 1.5 (Repeat Count = 1)			
Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime	e_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	0.001667		
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u33_CurrentT$	1604325632		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	target_VehPwrMd_Init1_OperRampRate_Xp	mS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	target_VehPwrMd_Init1_OperRampValue_Ul	s_f32	
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	1604325632	1604325632	~
CTermIgnOffTimer_mS_M_u32	1604325632	1604325632	✓
CTermIgnOnTimer_mS_M_u32	1604325632	1604325632	~
CTermVehSpdInvalidTimer_mS_M_u32	1604325632	1604325632	✓
target_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~



Test Case 2: PRM Range Test

Specification Performance Metrics:

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

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

Description Vector Description:

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

Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime	e_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	9.9999975e-005		
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u33_CurrentT$	60205312		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	target_VehPwrMd_Init1_OperRampRate_Xp	mS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_UIs_f32	target_VehPwrMd_Init1_OperRampValue_U	s_f32	
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	60205312	60205312	~
CTermIgnOffTimer_mS_M_u32	60205312	60205312	~
CTermlgnOnTimer_mS_M_u32	60205312	60205312	~
CTermVehSpdInvalidTimer_mS_M_u32	60205312	60205312	~
target_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	9.9999975e-005	9.99999975e-005 ± 0.015625	~
target_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~

Test Step 2.2 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTim	e_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	0.00499999989		
target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTime target Rte Call Ap VehPwrMd SystemTime GetSystemTime mS u32 CurrentTime	3267282944		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	target_VehPwrMd_Init1_OperRampRate_Xp	mS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_UIs_f32	target_VehPwrMd_Init1_OperRampValue_U	ls_f32	
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3267282944	3267282944	~
CTermIgnOffTimer_mS_M_u32	3267282944	3267282944	~
CTermlgnOnTimer_mS_M_u32	3267282944	3267282944	~
CTermVehSpdInvalidTimer_mS_M_u32	3267282944	3267282944	~
target_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.00499999989	0.00499999989 ± 0.015625	~
target_VehPwrMd_Init1_OperRampValue_Uls_f32.value	0	0 ± 0.00006103515625	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32	1	~

Test Step 2.3 (Repeat Count = 1)			
Name	Input Value		
Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_VehPwrMd_SystemTime	e_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehPwrMd	target_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	0.00350000011		
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u332_CurrentTi$	3498208000		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	target_VehPwrMd_Init1_OperRampRate_Xp	mS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	target_VehPwrMd_Init1_OperRampValue_U	ls_f32	
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	3498208000	3498208000	~
CTermIgnOffTimer_mS_M_u32	3498208000	3498208000	~

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

Test Step Call Trace				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 2.4 (Repeat Count = 1)			
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	target_Rte_Inst_Ap_VehPwrMd		
k_RampDnRt_UlspmS_f32	0.001667		
$target_Rte_Call_Ap_VehPwrMd_SystemTime_GetSystemTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u33_CurrentT$	379133056		
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampRate_XpmS_f32	target_VehPwrMd_Init1_OperRampRate_Xpr	mS_f32	
target_Rte_Inst_Ap_VehPwrMd.VehPwrMd_Init1_OperRampValue_Uls_f32	target_VehPwrMd_Init1_OperRampValue_Ul	s_f32	
Name	Actual Value	Expected Value	Result
ATermTimer_mS_M_u32	379133056	379133056	~
CTermIgnOffTimer_mS_M_u32	379133056	379133056	•
CTermIgnOnTimer_mS_M_u32	379133056	379133056	~
CTermVehSpdInvalidTimer_mS_M_u32	379133056	379133056	~
target_VehPwrMd_Init1_OperRampRate_XpmS_f32.value	0.001667	0.001667 ± 0.015625	~
target_VehPwrMd_Init1_OperRampValue_UIs_f32.value	0	0 ± 0.00006103515625	~

Test Step Call Trace				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	~