

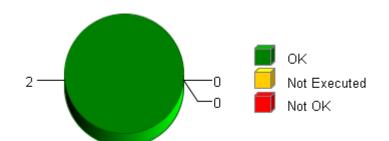
Summary

Overall Test Object Results (including Coverage)



2015-06-23 Date: 13:49:19+0530

Time:



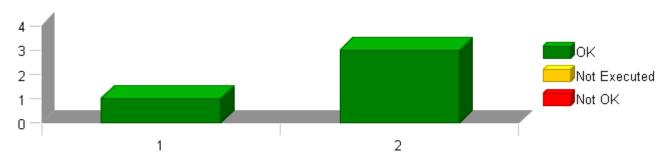
Selected Project Items

Test Object "CBD UnitTest/TrqLOA/TrqLOA Init1" Test Object "CBD_UnitTest/TrqLOA/TrqLOA_Per1"

Used Test Environments

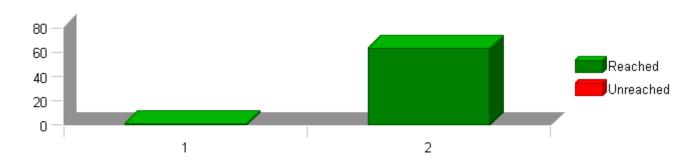
TI TMS 570 PLS UDE (Default)

Test Case Results for Each Test Object (without Coverage)



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

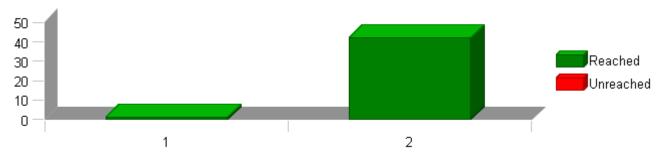
Statement (C0) Coverage: Total Statements for Each Test Object





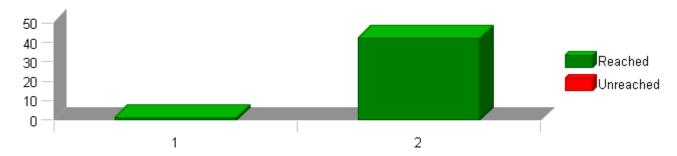
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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



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

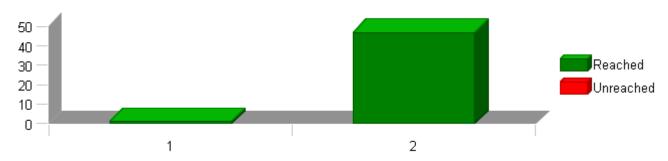
Decision Coverage: Total Decision Outcomes for Each Test Object



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

Each bar is divided into reached and unreached decision outcomes.

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

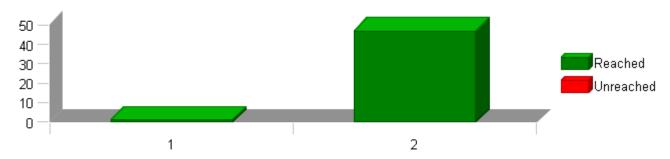


The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MC/DC coverage,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

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



MCC Coverage: Total Condition Combinations for Each Test Object



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

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

TEST OVERVIEW REPORT

2015-06-23, 13:49:19+0530



Test Object List

Project TrqLOA

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

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

No.	Name	C0	C1	DC	MC/DC	MCC	Test Cases Result
	TrqLOA	100 %	100 %	100 %	100 %	100 %	4 of 4 passed
	CBD_UnitTest	100 %	100 %	100 %	100 %	100 %	4 of 4 passed
	TrqLOA	100 %	100 %	100 %	100 %	100 %	4 of 4 passed
1	TrqLOA_Init1	100 %	100 %	100 %	100 %	100 %	1 of 1 passed
2	TrqLOA Per1	100 %	100 %	100 %	100 %	100 %	3 of 3 passed

© Report created by TESSY V3.2.5, report template V2.1

2015-06-23, 13:43:44+0530





Project	TrqLOA
Module	TrqLOA
Test Object	TrqLOA_Init1

Instrumentation: Test Object Only

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

Statistics

Total Testcases	1	
Successful	1	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\TrqLOA_SF48A
Configuration File	\$(PROJECTROOT)\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)\TrqLOA\src\Ap_TrqLOA.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\TrqLOA\utp\Contract -I\$(PROJECTROOT)\TrqLOA\utp\Contract\Ap_TrqLOA -I\$ (PROJECTROOT)\StdDef\underlinclude -I\$(PROJECTROOT)\NxtrLib\\underlinclude -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler \tms470_4.9.5\\underlinclude
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\TrqLOA\utp\Contract -I\$(PROJECTROOT)\TrqLOA\utp\Contract\Ap_TrqLOA -I\$ (PROJECTROOT)\StdDef\underlinclude -I\$(PROJECTROOT)\NxtrLib\unclude -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler \tms470_4.9.5\underlinclude

Attributes				
Name	Value			
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5			
Float Precision	9			
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj			
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src			
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd			
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl			
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2			
Time Unit	Cycles			
Timer Enabled	false			
Timer Prescale	0			
Timer Resolution	1			
IIDE Config File	\$(DPOJECTPOOT)\InitTestEnv\config\TMS570 IDF 12DIN JTAG cfg			

2015-06-23, 13:43:44+0530





Workspace File D:\Synergy_Work_Area\TrqLOA_SF48A\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Comments/Description/Specification				
Name	Text			
Name Module 'TrqLOA'	Text Name of Tester: Priti Mangalekar Code File(s) Under Test: Ap_TrqLOA.c Code File(s) Version: 2 Module Design Document: TrqLOA_MDD.doc Module Design Document Version: 2 Data Dictionary Version: 3 Unit Test Plan Version: 1 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nater EPS Unit Test Tool 2.7d/ EPS Library 1.32 Total FLASH Used (Bytes): 1378 Total RAM Used (Bytes): 52 Total CALS Used (Bytes): 204 Special Test Requirements: Test Date: 6/23/2015 Comments: "NOTE1: Inline function defined in ""GlobalMacro.h"" are not unit tested. NOTE2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference."			



Test Case 1: Boundary Test

Specification

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

CPU Cycles:

TS1.1 111 Cycles TS1.2 113 Cycles TS1.3 110 Cycles TS1.4 112 Cycles TS1.5 110 Cycles TS1.6 110 Cycles TS1.7 110 Cycles TS1.8 112 Cycles

Description Vector Description:

TS1.1All Min

TS1.1All Min
TS1.2All Max
TS1.3k_TrqLOA_LPF_Hz_f32=Min
TS1.4k_TrqLOA_LPF_Hz_f32=Max
TS1.5k_TrqLOA_LPF_Hz_f32=Mid
TS1.6TrqLOA_LatAccelSV_g_M_Str.K=Min
TS1.7TrqLOA_LatAccelSV_g_M_Str.K=Max
TS1.8TrqLOA_LatAccelSV_g_M_Str.K=Mid

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.00125584798		
k_TrqLOA_LPF_Hz_f32	0.100000001		
Name	Actual Value	Expected Value	Result
TrqLOA LatAccelSV g M Str.K Uls f32	0.00125586987	0.00125584798 ± 0.01	✓

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.956786096		
k_TrqLOA_LPF_Hz_f32	250		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.956786096	0.956786096 ± 0.01	~

Test Step 1.3 (Repeat Count = 1)			✓
Name	Input Value		
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0149999997		
k_TrqLOA_LPF_Hz_f32	0.10000001		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.00125586987	0.00125584798 ± 0.01	•

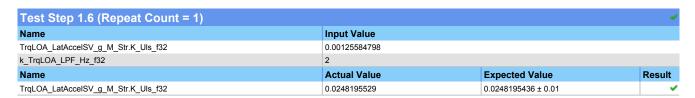
Test Step 1.4 (Repeat Count = 1)			~
Name	Input Value		
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.25		
k_TrqLOA_LPF_Hz_f32	250		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.956786096	0.956786096 ± 0.01	~

Test Step 1.5 (Repeat Count = 1)			✓
Name	Input Value		
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.5		
k_TrqLOA_LPF_Hz_f32	125.5		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.79342252	0.793422461 ± 0.01	✓

2015-06-23, 13:43:44+0530

TrqLOA_Init1





Test Step 1.7 (Repeat Count = 1)			✓
Name	Input Value		
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.956786096		
k_TrqLOA_LPF_Hz_f32	10		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.118088603	0.118088625 ± 0.01	~

Test Step 1.8 (Repeat Count = 1)			✓
Name	Input Value		
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.349999994		
k_TrqLOA_LPF_Hz_f32	100		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.715390444	0.715390444 ± 0.01	~

l

2015-06-23, 13:48:37+0530



 Project
 TrqLOA

 Module
 TrqLOA

 Test Object
 TrqLOA_Per1

Instrumentation: Test Object Only

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

Statistics

TrqLOA_Per1

Total Testcases	3	
Successful	3	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\TrqLOA_SF48A
Configuration File	\$(PROJECTROOT)\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)\TrqLOA\src\Ap_TrqLOA.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\TrqLOA\utp\Contract -I\$(PROJECTROOT)\TrqLOA\utp\Contract\Ap_TrqLOA -I\$ (PROJECTROOT)\StdDef\underlinclude -I\$(PROJECTROOT)\NxtrLib\\underlinclude -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler \tms470_4.9.5\\underlinclude
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\TrqLOA\utp\Contract -I\$(PROJECTROOT)\TrqLOA\utp\Contract\Ap_TrqLOA -I\$ (PROJECTROOT)\StdDef\underlinclude -I\$(PROJECTROOT)\NxtrLib\unclude -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler \tms470_4.9.5\underlinclude

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
IIDE Config File	\$(DPOJECTPOOT)\InitTestEnv\config\TMS570 IDF 12DIN JTAG cfg

TrqLOA_Per1



Workspace File D:\Synergy_Work_Area\TrqLOA_SF48A\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Comments/Description	n/Specification
Name	Text
Module 'TrqLOA'	Name of Tester: Priti Mangalekar Code File(s) Under Test: Ap_TrqLOA.c Code File(s) Version: 2 Module Design Document: TrqLOA_MDD.doc Module Design Document Version: 2 Data Dictionary Version: 3 Unit Test Plan Version: 1 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nexteer EPS Unit Test Tool 2.7d/ EPS Library 1.32 Total FLASH Used (Bytes): 52 Total FLASH Used (Bytes): 52 Total CALS Used (Bytes): 204 Special Test Requirements: Test Date: 6/23/2015 Comments: "NOTE1: Inline function defined in ""GlobalMacro.h"" are not unit tested. NOTE2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference."
Test Object 'TrqLOA_Per1'	



Test Case 1: Metrics Test

Specification

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

CPU Cycles:

TS1.1 733 Cycles TS1.2 667 Cycles

Description

Vector Description:

 $TS1.2Shortest\ Execution\ Path=>if((TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32) = k_TrqLOA_AbsAssistThreshold_MtrNm_f32) \& (MtrVel_MtrRadpS_T_f32) = k_TrqLOA_AbsVelThreshold_MtrRadpS_f32))=TRUE$

Test Step 1.1 (Repeat Count = 1)	√
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.5
TrgLOA LatAccelSV g M Str.SV UIs f32	0.200000003
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0140000004
TrgLOA ScaledMtrTrgCmd MtrNm M f32	-5.65911293
TrqLOA_TloaCmd_MtrNm_M_f32	-7
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.20000005
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	8.3897934
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	292.217896
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-100
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	35.2165909
k TrqLOA FallingRampRate UlspS f32	-665.315002
k_TrqLOA_LatAccConversionFactor_Uls_f32	3.95698261
k_TrqLOA_LimOutput_MtrNm_f32	2.75277615
k_TrqLOA_MaxScaleFactor_Uls_f32	0.694187999
k_TrqLOA_MinScaleFactor_Uls_f32	0.5
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.71295547
k_TrqLOA_RisingRampRate_UlspS_f32	1000
k_TrqLOA_SteerRatio_Uls_f32	48.5321007
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	19.8064346
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[6][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107





Name	Input Value		
t_TrqLOA_DiffGainX_G_u2p14[0]	5079		
t_TrqLOA_DiffGainX_G_u2p14[1]	6062		
t_TrqLOA_DiffGainX_G_u2p14[2]	6390		
t_TrqLOA_DiffGainX_G_u2p14[3]	6554		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	3520		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	3840		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	4160		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	4480		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	4800		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	5734		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	10650		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15974		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16794		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	22938		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24166		
t_TrqLOA_X_Kph_u10p6[0]	1088		
t_TrqLOA_X_Kph_u10p6[1]	1152		
t_TrqLOA_X_Kph_u10p6[2]	1216 1280		
t_TrqLOA_X_Kph_u10p6[3]	1344		
t_TrqLOA_X_Kph_u10p6[4] t_TrqLOA_X_Kph_u10p6[5]	1408		
t_TrqLOA_X_Kph_u10p6[6]	1472		
t_TrqLOA_X_Kph_u10p6[7]	1536		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwhee	Authority Ille f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target TrqLOA Per1 LatAccelVa		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target TrqLOA Per1 MotAgLoal		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target TrqLOA Per1 MtrVelCRF	· ·	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target TrqLOA Per1 TrqLOAAv		
target Rte Inst Ap TrqLOA.TrqLOA Per1 TrqLOACmd MtrNm f32	target_TrqLOA_Per1_TrqLOACm		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpe		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe		
target TrqLOA Per1 HandwheelAuthority Uls f32.value	1	_ ,	
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	2.87261653		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	829.04834		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-375.864563		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	126.835663		
Name	Actual Value	Expected Value	Result
TrgLOA LatAccScaleFactor Uls M f32	0.399993896	0.399993896	
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.192544758	0.192544758	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	
TrgLOA TrgBasedScaleFactor UIs M f32	0.5	0.5	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	1	1	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	

Test Step 1.2 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.150000006
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0434999987





Name	Input Value
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	8.80000019
TrqLOA_TloaCmd_MtrNm_M_f32	6
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.200000003
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	2.98309565
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	909.534851
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-24.0498333
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	0
k_TrqLOA_FallingRampRate_UlspS_f32	-1000
k_TrqLOA_LatAccConversionFactor_Uls_f32	8.6829052
k_TrqLOA_LimOutput_MtrNm_f32	3.57006645
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	0.726554036
k_TrqLOA_RisingRampRate_UlspS_f32	0
k_TrqLOA_SteerRatio_Uls_f32	6.56352139
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25 3.98621607
k_TrqLOA_Wheelbase_M_f32	32768
t2_TrqLOA_DiffGainY_UIs_u1p15[0][0] t2_TrqLOA_DiffGainY_UIs_u1p15[0][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	32768
t2_TrqLOA_DiifGainY_Uls_u1p15[0][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	32768
t2_TrqLOA_DiffGainY_UIs_u1p15[2][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	32768
t2_TrqLOA_DiffGainY_UIs_u1p15[3][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	32768
t2_TrqLOA_DiffGainY_UIs_u1p15[6][1]	32768
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	32768
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3] t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	32768 32768
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	32768
t_TrqLOA_DiffGainX_G_u2p14[0]	32768
t_TrqLOA_DiffGainX_G_u2p14[1]	32768
t_TrqLOA_DiffGainX_G_u2p14[2]	32768
t_TrqLOA_DiffGainX_G_u2p14[3]	32768
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	0
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	0
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	0
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	0
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	0
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	32768
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	32768
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	32768
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	32768
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	32768
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	11469 19251

2015-06-23, 13:48:37+0530



TrqLOA_Per1

			1 = 10-10
Name	Input Value		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19661		
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[4]	24986		
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[5]	26624		
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[6]	31539		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29901		
t_TrqLOA_X_Kph_u10p6[0]	6208		
t_TrqLOA_X_Kph_u10p6[1]	6272		
t_TrqLOA_X_Kph_u10p6[2]	6336		
t_TrqLOA_X_Kph_u10p6[3]	6400		
t_TrqLOA_X_Kph_u10p6[4]	6464		
t_TrqLOA_X_Kph_u10p6[5]	6528		
t_TrqLOA_X_Kph_u10p6[6]	6592		
t_TrqLOA_X_Kph_u10p6[7]	6656		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelA	authority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpS	SecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelVali	d_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaMt	tgtnEn_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_	MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_h	HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail	I_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd	I_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpee	dValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	d_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.825533628		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	0.187185764		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1207.13953		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	863.729614		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	157.958984		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0	0	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.513088524	0.513088584	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.200000003	0.20000003	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
torrect Trail OA Dard Trail OA Cond Mitching 622 value	0	0	-4

0

0

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value

TrqLOA_Per1

2015-06-23, 13:48:37+0530



Test Case 2: Boundary Test

2015-06-23, 13:48:37+0530



TrqLOA_Per1 Specification

Performance Metrics: (With "None" Instrumentation and "WithPS' Environment) TS2.1 641 Cycles TS2.2 794 Cycles TS2.3 729 Cycles TS2.4 831 Cycles TS2.4 831 Cycles
TS2.5 732 Cycles
TS2.5 732 Cycles
TS2.6 725 Cycles
TS2.7 728 Cycles
TS2.7 728 Cycles
TS2.9 717 Cycles
TS2.10 716 Cycles
TS2.11 818 Cycles
TS2.12 698 Cycles
TS2.13 707 Cycles
TS2.13 707 Cycles
TS2.14 719 Cycles
TS2.15 664 Cycles
TS2.16 712 Cycles
TS2.16 712 Cycles
TS2.17 668 Cycles
TS2.18 738 Cycles
TS2.19 759 Cycles
TS2.20 686 Cycles TS2.19 759 Cycles TS2.20 686 Cycles TS2.21 722 Cycles TS2.22 709 Cycles TS2.23 720 Cycles TS2.24 718 Cycles TS2.26 729 Cycles TS2.26 729 Cycles TS2.27 722 Cycles TS2.29 663 Cycles TS2.30 675 Cycles TS2.31 713 Cycles TS2.31 686 Cycles TS2.33 686 Cycles TS2.34 662 Cycles TS2.34 662 Cycles TS2.35 694 Cycles TS2.36 654 Cycles TS2.36 654 Cycles
TS2.37 693 Cycles
TS2.38 726 Cycles
TS2.39 685 Cycles
TS2.40 686 Cycles
TS2.41 665 Cycles
TS2.41 665 Cycles
TS2.42 696 Cycles
TS2.42 696 Cycles
TS2.43 719 Cycles
TS2.45 679 Cycles
TS2.47 717 Cycles
TS2.48 723 Cycles
TS2.49 758 Cycles
TS2.50 665 Cycles
TS2.51 678 Cycles
TS2.52 710 Cycles
TS2.53 731 Cycles
TS2.53 731 Cycles
TS2.55 720 Cycles
TS2.55 720 Cycles
TS2.55 720 Cycles
TS2.57 733 Cycles
TS2.58 721 Cycles
TS2.58 721 Cycles
TS2.58 721 Cycles
TS2.56 699 Cycles
TS2.57 733 Cycles
TS2.58 721 Cycles
TS2.59 723 Cycles
TS2.59 723 Cycles
TS2.57 733 Cycles
TS2.58 721 Cycles
TS2.57 733 Cycles
TS2.66 699 Cycles
TS2.67 723 Cycles
TS2.67 723 Cycles
TS2.67 723 Cycles
TS2.68 737 Cycles
TS2.79 720 Cycles
TS2.71 728 Cycles
TS2.71 728 Cycles
TS2.77 704 Cycles
TS2.78 701 Cycles
TS2.79 704 Cycles
TS2.81 700 Cycles
TS2.82 772 Cycles
TS2.83 735 Cycles
TS2.84 762 Cycles
TS2.88 664 Cycles
TS2.89 664 Cycles
TS2.89 664 Cycles
TS2.89 664 Cycles
TS2.99 677 Cycles TS2.94 671 Cycles TS2.95 725 Cycles TS2.96 725 Cycles TS2.96 725 Cycles TS2.97 648 Cycles TS2.98 675 Cycles TS2.100 677 Cycles TS2.101 731 Cycles TS2.102 700 Cycles TS2.103 718 Cycles TS2.104 806 Cycles TS2.105 695 Cycles TS2.105 713 Cycles TS2.107 736 Cycles TS2.107 736 Cycles TS2.108 730 Cycles

© Report created by TESSY V3.2.5, report template V2.4

2015-06-23, 13:48:37+0530

TrqLOA_Per1



TS2.109 712 Cycles
TS2.110 714 Cycles
TS2.111 736 Cycles
TS2.111 736 Cycles
TS2.111 741 Cycles
TS2.113 729 Cycles
TS2.114 804 Cycles
TS2.115 719 Cycles
TS2.116 730 Cycles
TS2.117 713 Cycles
TS2.117 713 Cycles
TS2.117 713 Cycles
TS2.119 708 Cycles
TS2.117 712 Cycles
TS2.120 704 Cycles
TS2.121 712 Cycles
TS2.122 696 Cycles
TS2.123 709 Cycles
TS2.125 717 Cycles
TS2.126 655 Cycles
TS2.127 723 Cycles
TS2.128 704 Cycles
TS2.127 723 Cycles
TS2.128 704 Cycles
TS2.129 707 Cycles
TS2.131 725 Cycles
TS2.132 707 Cycles
TS2.133 740 Cycles
TS2.135 702 Cycles
TS2.136 740 Cycles
TS2.137 700 Cycles
TS2.137 700 Cycles
TS2.138 732 Cycles
TS2.138 732 Cycles
TS2.139 725 Cycles
TS2.137 700 Cycles
TS2.137 725 Cycles





Description Vector Description:

TS2.1All Min TS2.2All Max TS2.3HandwheelAuthority_Uls_f32==>Min TS2.4HandwheelAuthority_Uls_f32==>Max TS2.5HandwheelAuthority_Uls_f32==>Pos TS2.6RelHwPos_HwDeg_f32==>Min TS2.7RelHwPos_HwDeg_f32==>Max TS2.8RelHwPos_HwDeg_f32==>Pos TS2.9RelHwPos_HwDeg_f32==>Zero TS2.10RelHwPos_HwDeg_f32==>Neg TS2.11LatAccelValid_Cnt_lgc==>Min TS2.12LatAccelValid_Cnt_lgc==>Max TS2.13LatAccelValid_Cnt_lgc==>Pos TS2.14LatAcc_MpSecSq_f32==>Min TS2.14LatAcc_MpSecSq_f32==>Max TS2.15LatAcc_MpSecSq_f32==>Pos TS2.17LatAcc_MpSecSq_f32==>Zero TS2.18LatAcc_MpSecSq_f32==>Neg TS2.19MotAgLoaMtgtnEn_Cnt_lgc==>Min TS2.20MotAgLoaMtgtnEn_Cnt_lgc==>Max TS2.21MotAgLoaMtgtnEn_Cnt_lgc==>Pos TS2.22MtrVelCRF_MtrRadpS_f32==>Min TS2.23MtrVelCRF_MtrRadpS_f32==>Min TS2.23MtrVelCRF_MtrRadpS_f32==>Pos TS2.25MtrVelCRF_MtrRadpS_f32==>Zero TS2.25MtrVelCRF_MtrRadpS_f32==>Neg TS2.25MtrVelCRF_MtrRadpS_f32==>Neg TS2.27VehicleSpeedValid_Cnt_lgc==>Min TS2.28VehicleSpeedValid_Cnt_lgc==>Max TS2.29VeflicleSpeedValid_Cnt_lgc==>Pos
TS2.39VehicleSpeed_Kph_f32==>Pos
TS2.30VehicleSpeed_Kph_f32==>Min
TS2.31VehicleSpeed_Kph_f32==>Max
TS2.32VehicleSpeed_Kph_f32==>Max
TS2.32VehicleSpeed_Kph_f32==>Pos
TS2.33V_TrqLOA_LatAccConversionFactor_Uls_f32==>Min
TS2.34K_TrqLOA_LatAccConversionFactor_Uls_f32==>Max
TS2.35K_TrqLOA_LatAccConversionFactor_Uls_f32==>Max
TS2.35K_TrqLOA_LatAccConversionFactor_Uls_f32==>Max TS2.35k_TrqLOA_LatAccConversionFactor_UIs_f32==>Pos TS2.36k_TrqLOA_SteerRatio_UIs_f32==>Min TS2.37k_TrqLOA_SteerRatio_UIs_f32==>Max TS2.38k TrqLOA SteerRatio Uls_f32==>Pos TS2.39k TrqLOA Wheelbase M_f32==>Min TS2.40k_TrqLOA_Wheelbase_M_f32==>Max TS2.41k_TrqLOA_Wheelbase_M_f32==>Pos TS2.42k_TrqLOA_NomDrvTrq_MtrNm_f32==>Min TS2.43k_TrqLOA_NomDrvTrq_MtrNm_f32==>Max TS2.44k_TrqLOA_NomDrvTrq_MtrNm_f32==>Pos TS2.45k_TrqLOA_AbsAssistThreshold_MtrNm_f32==>Min TS2.46k_TrqLOA_AbsAssistThreshold_MtrNm_f32==>Max TS2.47k_TrqLOA_AbsAssistThreshold_MtrNm_f32==>Pos TS2.48TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32==>Min TS2.49TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32==>Max TS2.50TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32==>Pos TS2.51TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32==>Zero TS2.52TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32==>Neg TS2.53k TrqLOA AbsVelThreshold MtrRadpS f32==>Min TS2.54k_TrqLOA_AbsVelThreshold_MtrRadpS_f32==>Max TS2.55k_TrqLOA_AbsVelThreshold_MtrRadpS_f32==>Pos TS2.56k_TrqLOA_MaxScaleFactor_Uls_f32==>Min TS2.57k_TrqLOA_MaxScaleFactor_Uls_f32==>Max TS2.58k_TrqLOA_MaxScaleFactor_Uls_f32==>Pos TS2.59k_TrqLOA_MinScaleFactor_Uls_f32==>Min TS2.60k_TrqLOA_MinScaleFactor_Uls_f32==>Max TS2.61k_TrqLOA_MinScaleFactor_Uls_f32==>Pos TS2.62TrqLOA_TrqBasedScaleFactor_Uls_M_f32==>Min TS2.63TrqLOA_TrqBasedScaleFactor_Uls_M_f32==>Max TS2.64TrqLOA_TrqBasedScaleFactor_Uls_M_f32==>Pos TS2.65TrqLOA_TrqBasedScaleFactor_Uls_M_f32==>Zero TS2.66TrqLOA_TrqBasedScaleFactor_Uls_M_f32==>Neg TS2.67k_TrqLOA_FallingRampRate_UlspS_f32==>Min TS2.68k_TrqLOA_FallingRampRate_UlspS_f32==>Max TS2.69k_TrqLOA_FallingRampRate_UlspS_f32==>Mid IS2.69k_IrqLOA_FallingRampRate_UlspS_f32==>Mid
TS2.70k_TrqLOA_RisingRampRate_UlspS_f32==>Min
TS2.71k_TrqLOA_RisingRampRate_UlspS_f32==>Max
TS2.72k_TrqLOA_RisingRampRate_UlspS_f32==>Pos
TS2.73t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[5]==>Min
TS2.74t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[5]==>Max
TS2.75t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[5]==>Pos
TS2.76t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[5]==>Min
TS2.77t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[5]==>Max
TS2.78t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[5]==>Pos TS2.79t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[8]==>Min IS2.79t_IrqLOA_Iemp1rqCmdSatY1bl_MtrNm_u4p12[8]==>Min
TS2.80t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[8]==>Max
TS2.81t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[8]==>Pos
TS2.82t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[8]==>Min
TS2.83t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[8]==>Max
TS2.84t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[8]==>Pos
TS2.84t_TrqLOA_X_Kph_u10p6[8]==>Min
TS2.86t_TrqLOA_X_Kph_u10p6[8]==>Max
TS2.87t_TrqLOA_X_Kph_u10p6[8]==>Pos
TS2.88TrqLOA_LatAccScaleFactor_Uls_M_f32==>Min
TS2.89TrqLOA_LatAccScaleFactor_Uls_M_f32==>Max TS2.89TrqLOA_tatAccScaleFactor_UIs_M_f32==>Min TS2.89TrqLOA_tatAccScaleFactor_UIs_M_f32==>Pos TS2.90TrqLOA_DiffScaleRateLimiterFalling_UIspS_f32==>Min TS2.92k_TrqLOA_DiffScaleRateLimiterFalling_UIspS_f32==>Max TS2.93k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32==>Mid TS2.94TrqLOA_TloaCmd_MtrNm_M_f32==>Min



```
TS2.95TrqLOA_TloaCmd_MtrNm_M_f32==>Pos
TS2.96TrqLOA_TloaCmd_MtrNm_M_f32==>Pos
TS2.98TrqLOA_TloaCmd_MtrNm_M_f32==>Pos
TS2.98TrqLOA_TloaCmd_MtrNm_M_f32==>Neg
TS2.98TrqLOA_LatAccelSV_g_M_Str.SV==>Min
TS2.100TrqLOA_LatAccelSV_g_M_Str.SV==>Pos
TS2.101TrqLOA_LatAccelSV_g_M_Str.SV==>Pos
TS2.101TrqLOA_LatAccelSV_g_M_Str.SV=>Pos
TS2.102K_TrqLOA_UndersteerGrad_RadpG_f32==>Min
TS2.103k_TrqLOA_UndersteerGrad_RadpG_f32==>Min
TS2.104k_TrqLOA_UndersteerGrad_RadpG_f32==>Max
TS2.105k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32==>Min
TS2.105k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32==>Max
TS2.107k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32==>Max
TS2.107k_TrqLOA_DiffGainX_G_u2p14[4]==>Min
TS2.109t_TrqLOA_DiffGainX_G_u2p14[4]==>Max
TS2.109t_TrqLOA_DiffGainX_G_u2p14[4]==>Max
TS2.11112_TrqLOA_DiffGainX_G_u2p14[4]==>Max
TS2.11112_TrqLOA_DiffGainY1_Uls_u1p15[4]==>Min
TS2.1121_TrqLOA_DiffGainY1_Uls_u1p15[4]==>Min
TS2.1121_TrqLOA_DiffGainY2_Uls_u1p15[4]==>Min
TS2.11512_TrqLOA_DiffGainY2_Uls_u1p15[4]==>Min
TS2.11512_TrqLOA_DiffGainY2_Uls_u1p15[4]==>Min
TS2.11512_TrqLOA_DiffGainY2_Uls_u1p15[4]==>Min
TS2.11612_TrqLOA_DiffGainY3_Uls_u1p15[4]==>Min
TS2.11812_TrqLOA_DiffGainY3_Uls_u1p15[4]==>Min
TS2.11812_TrqLOA_DiffGainY3_Uls_u1p15[4]==>Min
TS2.11912_TrqLOA_DiffGainY3_Uls_u1p15[4]==>Min
TS2.11912_TrqLOA_DiffGainY3_Uls_u1p15[4]==>Min
TS2.11912_TrqLOA_DiffGainY3_Uls_u1p15[4]==>Min
TS2.12112_TrqLOA_DiffGainY3_Uls_u1p15[4]==>Min
TS2.1212_TrqLOA_DiffGainY3_Uls_u1p15[4]==>Min
TS2.1212_TrqLOA_DiffGainY3_Uls_u1p15[4]==>Min
TS2.13112_TrqLOA_DiffGainY3_Uls_u1p15[4]==>Min
TS2.13112_TrqLOA_DiffGainY3_Uls_u1p15[4]==>Min
TS2.13112_TrqLO
```

Test Step 2.1 (Repeat Count = 1)	√
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0125000002
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-8.80000019
TrqLOA_TloaCmd_MtrNm_M_f32	-8.80000019
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-2
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	0
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	0
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-100
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	0
k_TrqLOA_FallingRampRate_UlspS_f32	-1000
k_TrqLOA_LatAccConversionFactor_Uls_f32	0.100000001
k_TrqLOA_LimOutput_MtrNm_f32	0
k_TrqLOA_MaxScaleFactor_Uls_f32	0
k_TrqLOA_MinScaleFactor_Uls_f32	0
k_TrqLOA_NomDrvTrq_MtrNm_f32	0
k_TrqLOA_RisingRampRate_UlspS_f32	0
k_TrqLOA_SteerRatio_Uls_f32	1
k_TrqLOA_UndersteerGrad_RadpG_f32	0
k_TrqLOA_Wheelbase_M_f32	0.5
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	0

© Report created by TESSY V3.2.5, report template V2.4





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	0
t_TrqLOA_DiffGainX_G_u2p14[0]	0
t_TrqLOA_DiffGainX_G_u2p14[1]	0
t_TrqLOA_DiffGainX_G_u2p14[2]	0
t_TrqLOA_DiffGainX_G_u2p14[3]	0
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	0 0
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	0
t TrqLOA HighSpeedTrqBlend X Kph u10p6[3]	0
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	0
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	0
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	0
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	0
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	0
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	0
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	0
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	0
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	0
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	0
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	0
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	0
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	0
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	0
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	0
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	0
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	0
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	0
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	0
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	0
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	0
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	0
t_TrqLOA_X_Kph_u10p6[0]	0
t_TrqLOA_X_Kph_u10p6[1]	0
t_TrqLOA_X_Kph_u10p6[2]	0 0
t_TrqLOA_X_Kph_u10p6[3]	0
t_TrqLOA_X_Kph_u10p6[4] t_TrqLOA_X_Kph_u10p6[5]	0
	0
t_TrqLOA_X_Kph_u10p6[6] t_TrqLOA_X_Kph_u10p6[7]	0
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_nandwheerAuthority_ois_is2
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-10
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-2000
	Linear
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-1000





Name	Input Value	Input Value		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	0			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0	0	~	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0	0 ± 0.01	✓	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-2	-2 ± 0.01	✓	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	✓	

Test Step 2.2 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA LatAccScaleFactor Uls M f32	1
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.670000017
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.714999974
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	8.80000019
TrqLOA_TloaCmd_MtrNm_M_f32	8.80000019
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2
k TrqLOA AbsAssistThreshold MtrNm f32	10
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	1000
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	0
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	100
k_TrqLOA_FallingRampRate_UlspS_f32	0
k_TrqLOA_LatAccConversionFactor_Uls_f32	10
k_TrqLOA_LimOutput_MtrNm_f32	8.80000019
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.80000019
k_TrqLOA_RisingRampRate_UlspS_f32	1000
k_TrqLOA_SteerRatio_Uls_f32	100
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	20
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	32768
t2_TrqLOA_DiffGainY_UIs_u1p15[2][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	32768
t_TrqLOA_DiffGainX_G_u2p14[0]	32768
t_TrqLOA_DiffGainX_G_u2p14[1]	32768
t_TrqLOA_DiffGainX_G_u2p14[2]	32768
t_TrqLOA_DiffGainX_G_u2p14[3]	32768
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	25600
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	25600





Name	Input Value		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	25600		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	25600		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	25600		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	32768		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	32768		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	32768		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	32768		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61440		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	36045		
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[2]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	36045		
t_TrqLOA_X_Kph_u10p6[0]	25600		
t_TrqLOA_X_Kph_u10p6[1]	25600		
t_TrqLOA_X_Kph_u10p6[2]	25600		
t_TrqLOA_X_Kph_u10p6[3]	25600		
t_TrqLOA_X_Kph_u10p6[4]	25600		
t_TrqLOA_X_Kph_u10p6[5]	25600		
t TrgLOA X Kph u10p6[6]	25600		
t_TrqLOA_X_Kph_u10p6[7]	25600		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwheel/	Authority Uls f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp8		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelVal		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaM		
target Rte Inst Ap TrqLOA.TrqLOA Per1 MtrVelCRF MtrRadpS f32	target_TrqLOA_Per1_MtrVelCRF_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target TrqLOA Per1 TrqLOAAva		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmo	*	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target TrqLOA Per1 VehicleSpee		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1	ou	
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	10		
target TrqLOA Per1 LatAccelValid Cnt Igc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	2000		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	1000		
target TrqLOA Per1 VehicleSpeedValid Cnt Igc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	511		
	Actual Value	Exported Value	Result
Name Trail OA Lathas Saala Factor, Illia M #22		Expected Value	Result
TrqLOA_LatAccScaleFactor_UIs_M_f32	1	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.671402872	0.671402872 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	1.27943039	1.2794311 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	1.27943039	1.2794311 ± 0.01	_
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2	2 ± 0.01	~

Test Step 2.3 (Repeat Count = 1)			✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	1.27943039	1.2794311 ± 0.01	✓
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2	2 ± 0.01	~
	1.27943039	1.2794311 ± 0.01	✓
TrqLOA TloaCmd MtrNm M f32	1.27943039	4.0704044 + 0.04	

rest otep 2.0 (Repeat oount – 1)		
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.985183835	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.100000001	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0130000003	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-5.7119751	
TrqLOA_TloaCmd_MtrNm_M_f32	-8	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.970122039	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.60568953	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	135.044952	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-98.6264648	





Name	Input Value
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	27.9837322
k_TrqLOA_FallingRampRate_UlspS_f32	-285.769348
k_TrqLOA_LatAccConversionFactor_Uls_f32	5.11622667
k_TrqLOA_LimOutput_MtrNm_f32	2.05712366
k_TrqLOA_MaxScaleFactor_Uls_f32	0.47853148
k_TrqLOA_MinScaleFactor_Uls_f32	0.21500051
k_TrqLOA_NomDrvTrq_MtrNm_f32	2.11723351
k_TrqLOA_RisingRampRate_UlspS_f32	775.606445
k_TrqLOA_SteerRatio_Uls_f32	27.0728893
k_TrqLOA_UndersteerGrad_RadpG_f32	0.0683564693
k_TrqLOA_Wheelbase_M_f32	20 655
t2_TrqLOA_DiffGainY_UIs_u1p15[0][0]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1] t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[1][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[4][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[6][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	4915 6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3] t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	6226
t TrqLOA DiffGainX G u2p14[0]	328
t_TrqLOA_DiffGainX_G_u2p14[1]	1229
t_TrqLOA_DiffGainX_G_u2p14[2]	2458
t TrqLOA DiffGainX G u2p14[3]	3113
t TrqLOA HighSpeedTrqBlend X Kph u10p6[0]	320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	960
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	1280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	1600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384 17203
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	4096
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	8192 14336
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	15974
t_IrqLOA_1emp1rqCmdSatY1bl_MtrNm_u4p12[3] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	17613
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	19251
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	20480
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	22528
nq_orrompridomaoarr.romwiinam_nab.rs[v]	LLULU

2015-06-23, 13:48:37+0530





Name	Input Value			
t_TrqLOA_X_Kph_u10p6[0]	64			
t_TrqLOA_X_Kph_u10p6[1]	128			
t_TrqLOA_X_Kph_u10p6[2]	192			
t_TrqLOA_X_Kph_u10p6[3]	256			
t_TrqLOA_X_Kph_u10p6[4]	320			
t_TrqLOA_X_Kph_u10p6[5]	384			
t_TrqLOA_X_Kph_u10p6[6]	448			
t_TrqLOA_X_Kph_u10p6[7]	512			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32			
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-0.205600679			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1			
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1986.76208			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	290.911285			
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	392.295563			
Name	Actual Value Expected Value	Result		
TrqLOA LatAccScaleFactor Uls M f32	0.787930906 0.787930906	-		
TrqLOA LatAccelSV g M Str.SV UIs f32	0.127424985 ± 0.01	•		
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.465865254	•		
TrqLOA_TloaCmd_MtrNm_M_f32	0.465865254	•		
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.21500051	•		
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0 0	•		
target TrqLOA Per1 TrqLOACmd MtrNm f32.value	0.465865254	-		

Name	Input Value	
Rte Inst Ap TrqLOA	target Rte Inst Ap TrqLOA	
TrgLOA LatAccScaleFactor Uls M f32	1	
TrqLOA LatAccelSV g M Str.SV Uls f32	0.150000006	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0135000004	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	8.80000019	
TrqLOA TloaCmd MtrNm M f32	-7.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.399481773	
k TrqLOA AbsAssistThreshold MtrNm f32	9.01481533	
<pre>x_TrqLOA_AbsVelThreshold_MtrRadpS_f32</pre>	479.457977	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-27.0471287	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	59.5514755	
k_TrqLOA_FallingRampRate_UlspS_f32	-645.648438	
k_TrqLOA_LatAccConversionFactor_Uls_f32	8.51897812	
k_TrqLOA_LimOutput_MtrNm_f32	1.56783617	
k_TrqLOA_MaxScaleFactor_Uls_f32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	0.791850328	
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.80000019	
k_TrqLOA_RisingRampRate_UlspS_f32	618.79248	
k_TrqLOA_SteerRatio_Uls_f32	37.3851547	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.0208133459	
k_TrqLOA_Wheelbase_M_f32	7.83032274	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	6554	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192
t2 TrqLOA DiffGainY Uls u1p15[3][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192
t2_TrqLOA_DiffGainY_UIs_u1p15[5][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[6][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830
t_TrqLOA_DiffGainX_G_u2p14[0]	3277
t_TrqLOA_DiffGainX_G_u2p14[1]	4096
t_TrqLOA_DiffGainX_G_u2p14[2]	4751
t_TrqLOA_DiffGainX_G_u2p14[3]	4915 1920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0] t TrqLOA HighSpeedTrqBlend X Kph u10p6[1]	2240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	2560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	2880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	3200
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4915
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	9421
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15155
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16384
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	18432
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20070
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	21709
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	23347
t_TrqLOA_X_Kph_u10p6[0]	576
t_TrqLOA_X_Kph_u10p6[1]	640
t_TrqLOA_X_Kph_u10p6[2] t TrqLOA_X_Kph_u10p6[3]	704 768
	768 832
t_TrqLOA_X_Kph_u10p6[4] t_TrqLOA_X_Kph_u10p6[5]	832 896
t_TrqLOA_X_Kph_u10p6[6]	960
t TrqLOA X Kph u10p6[7]	1024
target Rte Inst Ap TrqLOA.TrqLOA Per1 HandwheelAuthority Uls f32	target TrqLOA Per1 HandwheelAuthority Uls f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_Igc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	0.305431128
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0
target_riquer_crit_workgrounkganen_ont_ge.value	
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-112.906868

2015-06-23, 13:48:37+0530



TrqLOA_Per1

Name	Input Value		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	9.5098877		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.945905745	0.945905745	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.148525566	0.148525566 ± 0.01	~
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	~
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	~
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.791850328	0.791850328 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	~
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	~

Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
FrgLOA LatAccScaleFactor Uls M f32	
rqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.200000003
rqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.20000003
rqLOA_scaledMtrTrqCmd_MtrNm_M_f32	-5.65911293
rqLOA_Scaledivid HqCHd_MtrNn_M_f32	-7
rqLOA_rrqBasedScaleFactor_Uls_M_f32	-0.847059309
TrqLOA_Trqbased3caler actor_ols_IM_132	8.3897934
TrqLOA_AbsAssistrifieshold_MtrRadpS_f32	292.217896
rrqLOA_absverrineshoid_witrRadps_is2 trqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-57.2000008
_TrqLOA_DiffScaleRateLimiterFailing_UlspS_f32	35.2165909
_TrqLOA_FallingRampRate_UlspS_f32	-665.315002
	3.95698261
_TrqLOA_LatAccConversionFactor_Uls_f32	
_TrqLOA_LimOutput_MtrNm_f32	2.75277615
_TrqLOA_MaxScaleFactor_Uls_f32	0.694187999
_TrqLOA_MinScaleFactor_Uls_f32	1
_TrqLOA_NomDrvTrq_MtrNm_f32	8.71295547
:_TrqLOA_RisingRampRate_UlspS_f32	72.5325775
_TrqLOA_SteerRatio_Uls_f32	48.5321007
_TrqLOA_UndersteerGrad_RadpG_f32	0.25
_TrqLOA_Wheelbase_M_f32	19.8064346
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158
2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124
2 TrqLOA DiffGainY UIs u1p15[6][2]	12780
2 TrqLOA DiffGainY UIs u1p15[6][3]	13107
rrqLOA_DiffGainY_Uls_u1p15[7][0]	10158
? TrqLOA DiffGainY Uls u1p15[7][1]	12124
2 TrqLOA DiffGainY Uls u1p15[7][2]	12780
2_frqLOA_DiffGainY_Uls_u1p15[7][2]	13107
_TrqLOA_DiffGainX_G_u2p14[0]	5079
_TrqLOA_DiffGainX_G_u2p14[1]	6062
TrqLOA_DiffGainX_G_u2p14[1] TrqLOA_DiffGainX_G_u2p14[2]	6390
_TrqLOA_DiffGainX_G_u2p14[2] _TrqLOA_DiffGainX_G_u2p14[3]	6554
_TrqLOA_biliGalitA_G_02b14[3] _TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	3520

2015-06-23, 13:48:37+0530





Name	Input Value		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	3840		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	4160		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	4480		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	4800		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	5734		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	10650		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15974		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16794		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	22938		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24166		
t_TrqLOA_X_Kph_u10p6[0]	1088		
t_TrqLOA_X_Kph_u10p6[1]	1152		
t_TrqLOA_X_Kph_u10p6[2]	1216		
t_TrqLOA_X_Kph_u10p6[3]	1280		
t_TrqLOA_X_Kph_u10p6[4]	1344		
t_TrqLOA_X_Kph_u10p6[5]	1408		
t_TrqLOA_X_Kph_u10p6[6]	1472		
t_TrqLOA_X_Kph_u10p6[7]	1536		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelA	uthority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpS	ecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValie	d_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMt	gtnEn_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_	MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_h	· –	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd	-	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpee	dValid Cnt Igc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target TrqLOA Per1 VehicleSpee		
target TrqLOA Per1 HandwheelAuthority Uls f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	2.87261653		
target TrqLOA Per1 LatAccelValid Cnt lgc.value	1		
target TrqLOA Per1 MotAgLoaMtgtnEn Cnt Igc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	829.04834		
target TrqLOA Per1 RelHwPos HwDeg f32.value	-375.864563		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	126.835663		
Name	Actual Value	Expected Value	Result
TrqLOA LatAccScaleFactor Uls M f32	0.885599971	0.88560003	Result
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.192544758	0.192544758 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.701994181	-0.701994181 ± 0.01	

Test Step 2.6 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.25	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0144999996	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	3.59543157	
TrqLOA_TloaCmd_MtrNm_M_f32	-6.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.39014351	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	1.27029252	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	755.878723	

1

0

1

0 ± 0.01

 $target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value$

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value





Name	Input Value
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-72.3093185
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	42.3036995
k_TrqLOA_FallingRampRate_UlspS_f32	-874.466431
k_TrqLOA_LatAccConversionFactor_Uls_f32	5.47294426
k_TrqLOA_LimOutput_MtrNm_f32	4.33422327
k_TrqLOA_MaxScaleFactor_Uls_f32	0.956338644
k_TrqLOA_MinScaleFactor_Uls_f32	0.565083027
k_TrqLOA_NomDrvTrq_MtrNm_f32	4.66239977
k_TrqLOA_RisingRampRate_UlspS_f32	694.85498
k_TrqLOA_SteerRatio_Uls_f32 k_TrqLOA_UndersteerGrad_RadpG_f32	82.5900421 0.25
k_TrqLOA_UndersteerGrau_KaupG_i32	9.69703865
t2_TrqLOA_DiffGainY_UIs_u1p15[0][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729
t2_TrqLOA_DiffGainY_UIs_u1p15[4][2]	17039
t2_TrqLOA_DiffGainY_UIs_u1p15[4][3]	19661 13763
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0] t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
t2_TrqLOA_DiffGainY_UIs_u1p15[6][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	17039
t2 TrqLOA DiffGainY Uls u1p15[6][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661
t_TrqLOA_DiffGainX_G_u2p14[0]	6881
t_TrqLOA_DiffGainX_G_u2p14[1]	7864
t_TrqLOA_DiffGainX_G_u2p14[2]	8520
t_TrqLOA_DiffGainX_G_u2p14[3]	9830
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	5120
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	5440
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	5760
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	6080
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	6400
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107 16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	6554
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	11878
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	16794
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17203
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20070
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	21709
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	24166

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value

2015-06-23, 13:48:37+0530





Name	Input Value		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24986		
t_TrqLOA_X_Kph_u10p6[0]	1600		
t_TrqLOA_X_Kph_u10p6[1]	1664		
t_TrqLOA_X_Kph_u10p6[2]	1728		
t_TrqLOA_X_Kph_u10p6[3]	1792		
t_TrqLOA_X_Kph_u10p6[4]	1856		
t_TrqLOA_X_Kph_u10p6[5]	1920		
t_TrqLOA_X_Kph_u10p6[6]	1984		
t_TrqLOA_X_Kph_u10p6[7]	2048		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAu	thority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSe	ecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid	_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtg	tnEn_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target TrqLOA Per1 MtrVelCRF MtrRadpS f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_H	wDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_	_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.579124928		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	2.55771828		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1821.27563		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-1000		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	275.952087		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.85538137	0.85538137	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.234863549	0.234863549 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-2.49504423	-2.49504447 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	-2.49504423	-2.49504447 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.956338644	0.956338644 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	
	0.40504400	0.40504447 + 0.04	

-2.49504423

-2.49504447 ± 0.01

Name	Input Value	
	·	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.300000012	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0149999997	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-6.72275496	
TrqLOA_TloaCmd_MtrNm_M_f32	-6	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	2.17499852	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	347.261871	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-44.840065	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	86.2324982	
k_TrqLOA_FallingRampRate_UlspS_f32	-756.371094	
k_TrqLOA_LatAccConversionFactor_Uls_f32	1.32888663	
k_TrqLOA_LimOutput_MtrNm_f32	0.718581259	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.774256825	
k_TrqLOA_MinScaleFactor_Uls_f32	0.954615474	
k_TrqLOA_NomDrvTrq_MtrNm_f32	0.232903108	
k_TrqLOA_RisingRampRate_UlspS_f32	62.9472733	
k_TrqLOA_SteerRatio_Uls_f32	96.6698685	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	17.6621571	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	21299	
t2_TrqLOA_DiffGainY_UIs_u1p15[0][3]	26214	
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	17367	
12_TrqLOA_DiffGainY_UIs_u1p15[1][1]	19333	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299	
12_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333	
t2 TrqLOA DiffGainY Uls u1p15[2][2]	21299	
2 TrqLOA DiffGainY Uls u1p15[2][3]	26214	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[3][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[5][3]	26214 17367
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0] t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214
t_TrqLOA_DiffGainX_G_u2p14[0]	8684
t_TrqLOA_DiffGainX_G_u2p14[1]	9667
t_TrqLOA_DiffGainX_G_u2p14[2]	10650
t_TrqLOA_DiffGainX_G_u2p14[3]	13107
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	6720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	7040
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	7360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	7680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	8000
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	9011
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	7373
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[1]	13107
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[2]	17613
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17613
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20890
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	22528
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	25395
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	25805
t_TrqLOA_X_Kph_u10p6[0]	2112
t_TrqLOA_X_Kph_u10p6[1]	2176
t_TrqLOA_X_Kph_u10p6[2]	2240
t_TrqLOA_X_Kph_u10p6[3]	2304
t_TrqLOA_X_Kph_u10p6[4]	2368
t_TrqLOA_X_Kph_u10p6[5]	2432
t_TrqLOA_X_Kph_u10p6[6]	2496
t_TrqLOA_X_Kph_u10p6[7]	2560
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_RelHwPos_HwDeg_f32 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc
target_Rte_inst_Ap_TrqLOA.TrqLOA_Peri_TrqLOAAvaii_Cnt_igc target_Rte_inst_Ap_TrqLOA.TrqLOA_Peri_TrqLOACmd_MtrNm_f32	target_IrqLOA_Peri_IrqLOAAvaii_Cnt_igc target_TrqLOA_Peri_TrqLOACmd_MtrNm_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_IrqLOACmd_MtrNm_r32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_IrqLOA_Peri_IrqLOACmd_mtrNm_r32 target TrqLOA Peri_VehicleSpeedValid Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_vehicleSpeed_Kph_f32
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.603896022
	6.27994013
target figloa Peri Latacc Midsecsu isz.value	
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value target TrqLOA Per1_LatAccelValid Cnt lgc.value	1





Name	Input Value		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	1000		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	469.321564		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.910319865	0.910319865	✓
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.305908352	0.305908352 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	1.16507566	1.16507542 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	0.718581259	0.718581259 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.954615474	0.954615474 ± 0.01	✓
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0.718581259	0.718581259 ± 0.01	✓

Test Step 2.8 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.935303211	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.349999994	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0154999997	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-1.36703587	
TrqLOA_TloaCmd_MtrNm_M_f32	-5.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.730413675	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	5.13476944	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	565.453003	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-79.9842224	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	55.5632286	
k_TrqLOA_FallingRampRate_UlspS_f32	-646.1427	
k_TrqLOA_LatAccConversionFactor_Uls_f32	0.968328416	
k_TrqLOA_LimOutput_MtrNm_f32	7.56691027	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.38239193	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.75238705	
k_TrqLOA_RisingRampRate_UlspS_f32	693.429382	
k_TrqLOA_SteerRatio_Uls_f32	49.4194031	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	18.5747547	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226	
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655	
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458	
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915	
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	4915	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226	
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655	
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	2458	
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915	
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	6226	
t_TrqLOA_DiffGainX_G_u2p14[0]	10486	
t_TrqLOA_DiffGainX_G_u2p14[1]	11469	
t_TrqLOA_DiffGainX_G_u2p14[2]	12780	
t_TrqLOA_DiffGainX_G_u2p14[3]	16384	





TrqLOA_LatAccScaleFactor_Uls_M_f32 0.775334775 0.775334775 TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.349366665 0.349372685 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 1 ± 0.01	Name	Input Value		
LTRG O.A. JughtSpeedTigalient X, Kiry. u1969[3] 5800	t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	8320		
LTRIG (DA. High-Spectfreitherd X, Keh. u10603) 9260	t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	8640		
LTRICO, A High Spectfrighted Y, Us, up 1915 9 5277	t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	8960		
LTROLON_HighSpectTrollend Y_Us_up1s150]	t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	9280		
LTPGLOA_HighSpectTrollend Y_UB_utp15[2] 9596 LTPGLOA_HighSpectTrollend Y_UB_utp15[2] 9590 LTPGLOA_HighSpectTrollend Y_UB_utp15[2] 15077 LTPGLOA_HighSpectTrollend Y_UB_utp15[3] 15078 LTPGLOA_HighSpectTrollend Y_UB_utp15[3] 15097 LTPGLOA_HighSpectTrollend Y_UB_utp15[3] 25490 LTPGLOA_HighSpectTrollend Y_UB_utp15[3] 25490 LTPGLOA_HighSpectTrollend Y_UB_utp15[3] 25490 LTPGLOA_HighSpectTrollend Y_UB_utp15[3] 25491 LTPGLOA_HighSpectTrollend Y_UB_utp15[3] 14382 LTPGLOA_HighSpectTrollend Y_UB_utp15[3] 14382 LTPGLOA_HighSpectTrollend Y_UB_utp15[3] 14382 LTPGLOA_TempTroCrosSarVTU_Minnu_utp15[3] 15022 LTPGLOA_TempTroCrosSarVTU_Minnu_utp15[3] 23497	t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	9600		
LTRICOA - High-SpeedTrigBeid Y, July Lut 1918 9830 13107 13	t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277		
Trail CA - High Speed Traillend Y _ Life _ Life 16394	t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554		
TrqLOA_LapkspeetTrqBind_Y_MithmpG_uptp2[0] 16984	t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830		
LTrig CA Lankeccian Y, Minhrip G, upt 219	t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107		
TrigLOA_LabAccSain V_Mirhmgo_usp12[1] 21299	t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384		
TriclOA_LabAccGain_Y_MirkmpG_u4p123	t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480		
LTINGLA LabAccSain \(\) Minhing \(\) \(\) \(\) \(t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299		
LTrq.LOA_LatAccGain_Y_MinnpG_u4p12[4]	t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576		
LTrqLOA_LatAccGain_Y_MinnpG_upi12 S LTrqLOA_LatAccGain_Y_MinnpG_upi12 S LTrqLOA_LatAccGain_Y_MinnpG_upi12 S LTrqLOA_LatAccGain_Y_MinnpG_upi12 S LTrqLOA_TempTrqCmdSatYTbLMinn_upi12 S LTrqLOA_X kpi_u10pi8 S	t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395		
TriqLOA_LatAccGain_Y_MinNmpG_u4p12 S TriqLOA_LatAccGain_Y_MinNmpG_u4p12 T TriqLOA_TempTrqCmdsSaYTD_MinNm_u4p12 0 Stip2 TriqLOA_TempTrqCmdsSaYTD_MinNm_u4p12 1 TriqLOA_TempTrqCmdSaYTD_MinNm_u4p12 1 TriqLOA_TempTrqCmd_TempTrqCoATempTr	t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
LTrqLOA_LenAccGain_Y_MinhmpG_usp127 8192	t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491		
TrqLOA_TempTrqCmdSatYTD_MthRm_u4p12(r)	t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
LTrqLOA_TempTrqCmdSatYTD_MtrNm_u4p12(1)	t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
TrqLOA_TempTrqCmdSaYTbi_MrNm_usp12[2] 18432 TrqLOA_TempTrqCmdSaYTbi_MrNm_usp12[3] 18022 TrqLOA_TempTrqCmdSaYTbi_MrNm_usp12[4] 21709 TrqLOA_TempTrqCmdSaYTbi_MrNm_usp12[6] 23347 TrqLOA_TempTrqCmdSaYTbi_MrNm_usp12[6] 26624 TrqLOA_TempTrqCmdSaYTbi_MrNm_usp12[7] 26624 TrqLOA_TempTrqCmdSaYTbi_MrNm_usp12[7] 26624 TrqLOA_TempTrqCmdSaYTbi_MrNm_usp12[7] 26624 TrqLOA_TempTrqCmdSaYTbi_MrNm_usp12[7] 26624 TrqLOA_X_Koh_usp6[7] 26688 2752 TrqLOA_X_Koh_usp6[7] 2816 2816 TrqLOA_X_Koh_usp6[8] 2816 2816 TrqLOA_X_Koh_usp6[9] 2816 2816 TrqLOA_X_Koh_usp6[9] 2816 2844 TrqLOA_X_Koh_usp6[9] 2816 2840 TrqLOA_X_Koh_usp6[9] 2816 2840 TrqLOA_X_Koh_usp6[9] 2816 2840 TrqLOA_X_Koh_usp6[9] 2816 2840 TrqLOA_X_Koh_usp6[9] 2840 2840 2840 TrqLOA_X_Koh_usp6[9] 2840 2840 2840 TrqLOA_X_Koh_usp6[9] 2840	t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	8192		
LTrqLOA_TempTrqCmdSaYTDL_MtNm_u4p12[3] 18022 LTrqLOA_TempTrqCmdSaYTDL_MtNm_u4p12[4] 21709 LTrqLOA_TempTrqCmdSaYTDL_MtNm_u4p12[5] 23347 LTrqLOA_TempTrqCmdSaYTDL_MtNm_u4p12[6] 26624 LTrqLOA_TempTrqCmdSaYTDL_MtNm_u4p12[7] 26624 LTrqLOA_TempTrqCmdSaYTDL_MtNm_u4p12[7] 26624 LTrqLOA_X_Kph_u10p6[0] 26824 LTrqLOA_X_Kph_u10p6[0] 2752 LTrqLOA_X_Kph_u10p6[0] 2762 LTrqLOA_X_Kph_u10p6[0] 2888 LTrqLOA_X_Kph_u10p6[0] 2880 LTrqLOA_X_Kph_u10p6[0] 2880 LTrqLOA_X_Kph_u10p6[0] 2944 LTrqLOA_X_Kph_u10p6[0] 2944 LTrqLOA_X_Kph_u10p6[0] 2944 LTrqLOA_X_Kph_u10p6[0] 3008 LTrqLOA_X_Kph_u10p6[0] 3008 LTrqLOA_X_Kph_u10p6[0] 3008 LTrqLOA_X_Kph_u10p6[0] 3008 LTrqLOA_X_Kph_u10p6[0] 3002 LTr	t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	14336		
LTrqLoA_TempTrqCmdSatYTb_MrNm_u4p12[4] 21709	t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	18432		
LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 26624	t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18022		
LTrqLOA_TempTrqCmdSatYTbL_MtrNm_u4p12[6] 26624 LTrqLOA_TempTrqCmdSatYTbL_MtrNm_u4p12[7] 26624 LTrqLOA_X (kph_u10p6[1] 26824 LTrqLOA_X (kph_u10p6[1] 2688 LTrqLOA_X (kph_u10p6[2] 2752 LTrqLOA_X (kph_u10p6[3] 2816 LTrqLOA_X (kph_u10p6[3] 2880 LTrqLOA_X (kph_u10p6[6] 2880 LTrqLOA_X (kph_u10p6[6] 2880 LTrqLOA_X (kph_u10p6[6] 2894 LTrqLOA_X (kph_u10p6[6] 2944 LTrqLOA_X (kph_u10p6[7] 3072 LTrqLOA_TrqLOA_Prq_LoA_Krd_LoA_Krd_LoA_Krd_LoA_Krd_LoA_Krd_LoA_Krd_LoA_Krd_LoA_Krd	t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	21709		
CTRQLOA_TempTrqCmdSatYTbi_MtrNm_uip12[7] 26624 CTRQLOA_X_Rph_u10p6[0] 2624 CTRQLOA_X_Rph_u10p6[1] 2688 CTRQLOA_X_Rph_u10p6[2] 2752 CTRQLOA_X_Rph_u10p6[3] 2816 CTRQLOA_X_Rph_u10p6[4] 2880 CTRQLOA_X_Rph_u10p6[5] 2944 CTRQLOA_X_Rph_u10p6[6] 3008 CTRQLOA_X_Rph_u10p6[6] 3008 CTRQLOA_X_Rph_u10p6[6] 30072 LarqLOA_X_Rph_u10p6[7] 3072 LarqLOA_X_Rph_u10p	t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	23347		
LTrqLOA_X_Kph_u10p6[0]	t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	26624		
LTrqLOA_X_Kph_u10p6[1] 2688 2752 275	t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	26624		
LTrqLOA_X Kph_u10p6[2]	t_TrqLOA_X_Kph_u10p6[0]	2624		
LTrqLOA_X_Rph_u10p6[3]	t_TrqLOA_X_Kph_u10p6[1]	2688		
LTrqLOA_X_Kph_u10p6[4] 2880 2944 LTrqLOA_X_Kph_u10p6[5] 2944 LTrqLOA_X_Kph_u10p6[6] 3008 3072 30	t_TrqLOA_X_Kph_u10p6[2]	2752		
CTRLOA_X_Kph_u10p6[6] 2944 3008 CTRLOA_X_Kph_u10p6[6] 3008 CTRLOA_X_Kph_u10p6[6] 3008 CTRLOA_X_Kph_u10p6[6] 3008 CTRLOA_X_Kph_u10p6[6] 3008 CTRLOA_X_Kph_u10p6[6] 3008 CTRLOA_X_Kph_u10p6[7] 30072 300	t_TrqLOA_X_Kph_u10p6[3]	2816		
TrqLOA_X_Kph_u10p6 6 3008 T_rqLOA_X_kph_u10p6 7 3072 1 1 1 1 1 1 1 1 1	t_TrqLOA_X_Kph_u10p6[4]	2880		
TrqLOA_X_Kph_u10p6[7] 3072 1arget_Rte_Inst_Ap_TrqLOA_Per1_HandwheelAuthority_Uls_f32 1arget_Rte_Inst_Ap_TrqLOA_Per1_LatAcc_MpSecSq_f32 1arget_TrqLOA_Per1_LatAcc_MpSecSq_f32 1arget_TrqLOA_Per1_LatAcc_MpSecSq_f32 1arget_TrqLOA_Per1_LatAcc_MpSecSq_f32 1arget_TrqLOA_Per1_LatAcc_MpSecSq_f32 1arget_TrqLOA_Per1_LatAcc_MpSecSq_f32 1arget_TrqLOA_Per1_LatAcc_MpSecSq_f32 1arget_TrqLOA_Per1_MpSecSq_f32 1arget_TrqLOA_Per1_TrqLOAMpSecSq_f32 1arget_TrqLOA_Per1_TrqLOAMpSecSq_f32 1arget_TrqLOA_Per1_TrqLOAMpSecSq_f32 1arget_TrqLOA_Per1_MpSecSq_f32 1arget_TrqLOA_Per1_MpSecSq	t_TrqLOA_X_Kph_u10p6[5]	2944		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelVaild_Cnt_Igc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAVail_Cnt_Igc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAVail_Cnt_Igc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACMdftrNm_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACMdftrNm_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACMdftrNm_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_LatAccelVaild_Cnt_Igc target_TrqLOA_Per1_LatAccelVaild_Cnt_Igc_value 1 target_TrqLOA_Per1_LatAccelVaild_Cnt_Igc_value 1 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32_value 2 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32_value 2 target_TrqLOA_Per1_Reli+Wpos_HwDeg_f32_value 2 target_TrqLOA_Per1_NtrVelCRF_MtrRadpS_f32_value 2 targe	t_TrqLOA_X_Kph_u10p6[6]			
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAccelValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_TrqLOACvail_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_TrqLOA_Per1_LatAcc_MpSecSq_f32_value target_TrqLOA_Per1_LatAcc_MpSecSq_f32_value target_TrqLOA_Per1_LatAcc_MpSecSq_f32_value target_TrqLOA_Per1_LatAcc_MpSecSq_f32_value target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc_value target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32_value target_TrqLOA_Per1_NotAgLoaMtgtnEn_Cnt_Igc_value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc_value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc_value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc_value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc_value TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc_value TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc_value TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc_value TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc_value TrqLOA_LatAccesScaleFactor_Uls_M_f32 0.775334775 0.775334775 0.775334775 0.760_A_LatAccesScaleFactor_Uls_M_f32 0.000_0349366665 0.349372685 ± 0.01 TrqLOA_CaledMtrTrqCmd_MtrNm_M_f32 0.000_04 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32	t_TrqLOA_X_Kph_u10p6[7]	3072		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAccelValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtghten_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MitrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MitrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MitrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MitrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MitrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MitrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_TrqLOA_Per1_TrqLOAVail_Cnt_Igc target_TrqLOA_Per1_TrqLOA_TrqLOA_Per1_TrqLOAVail_Cnt_Igc target_TrqLOA_Per1_TrqLOA_TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_TrqLOA_Per1_HandwheelAuthority_UIs_f32_value target_TrqLOA_Per1_LatAccelValid_Cnt_Igc.value target_TrqLOA_Per1_LatAccelValid_Cnt_Igc.value target_TrqLOA_Per1_LatAccelValid_Cnt_Igc.value target_TrqLOA_Per1_MitrVelCRF_MtrRadpS_f32_value target_TrqLOA_Per1_MitrVelCRF_MtrRadpS_f32_value target_TrqLOA_Per1_MitrVelCRF_MtrRadpS_f32_value target_TrqLOA_Per1_MitrVelCRF_MtrRadpS_f32_value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value target_TrqLOA_Per1_VehicleSpeed_Kph_f32_value target_TrqLOA_Per1_Nell-Mros_HvDeg_f32_value target_TrqLOA_Per1_VehicleSpeed_Kph_f32_value target_TrqLOA_Per1_VehicleSpeed_Kph_f32_value target_TrqLOA_Per1_VehicleSpeed_Kph_f32_value 10 10 10 10 10 10 10 10 10 10 10 10 10	target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32			
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtghtEn_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_LatAcc_MSecSq_f32_value target_TrqLOA_Per1_LatAcc_WSecSq_f32_value target_TrqLOA_Per1_LatAccelValid_Cnt_Igc_value target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32_value target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32_value target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32_value target_TrqLOA_Per1_NethicleSpeedValid_Cnt_Igc_value target_TrqLOA_Per1_NethicleSpeedValid_Cnt_Igc_value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc_value target_TrqLOA_Per1_VehicleSpeed_Kph_f32_value 239.056885 Name Actual Value Expected Value TrqLOA_LatAccelSv_g_M_Str.Sv_Uls_f32 0.349366665 0.349372685 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 1 ± 0.01	target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mps	SecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value target_TrqLOA_Per1_MorAgLoaMtgtnEn_Cnt_Igc.value target_TrqLOA_Per1_MorAgLoaMtgtnEn_Cnt_Igc.value target_TrqLOA_Per1_MrvelCRF_MtrRadpS_f32.value 255 target_TrqLOA_Per1_MrvelCRF_MtrRadpS_f32.value target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 239.056885 Name Actual Value Expected Value TrqLOA_LatAccScaleFactor_Uls_M_f32 0.349376665 0.349372685 ± 0.01 TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.349366665 0.349372685 ± 0.01 TrqLOA_TrqLOA_TrqCod_MtrNm_M_f32 0.0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 1 ± 0.01	target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelVal	id_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32_value target_TrqLOA_Per1_LatAccelValid_Cnt_lgc_value target_TrqLOA_Per1_MotAgLoaMtgmEn_Cnt_lgc_value target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32_value target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32_value 255 target_TrqLOA_Per1_NelHwPos_HwDeg_f32_value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc_value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc_value target_TrqLOA_Per1_VehicleSpeed_Kph_f32_value 239_056885 Name Actual Value Expected Value TrqLOA_LatAccScaleFactor_Uls_M_f32 0.349366665 0.349372685 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0.0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 TrqLOA_TrqBasedScaleFactor_Uls_M_f32	target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaM	ltgtnEn_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOAPer1_TrqLOAAvail_Cnt_lgc target_Rte_Inst_Ap_TrqLOA.TrqLOAPer1_TrqLOACmd_MtrNm_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOAPer1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA.TrqLOAPer1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA.TrqLOAPer1_VehicleSpeed_Kph_f32 target_TrqLOAPer1_VehicleSpeed_Kph_f32 target_TrqLOAPer1_HandwheelAuthority_Uls_f32.value target_TrqLOAPer1_LatAcc_MpSecSq_f32.value target_TrqLOAPer1_LatAccelValid_Cnt_lgc.value target_TrqLOAPer1_MtrVelCRF_MtrRadpS_f32.value target_TrqLOAPer1_MtrVelCRF_MtrRadpS_f32.value target_TrqLOAPer1_MtrVelCRF_MtrRadpS_f32.value target_TrqLOAPer1_VehicleSpeedValid_Cnt_lgc.value target_TrqLOAPer1_VehicleSpeedValid_Cnt_lgc.value target_TrqLOAPer1_VehicleSpeedValid_Cnt_lgc.value target_TrqLOAPer1_VehicleSpeedValid_Cnt_lgc.value target_TrqLOAPer1_VehicleSpeedValid_Cnt_lgc.value target_TrqLOAPer1_VehicleSpeedValid_Cnt_lgc.value target_TrqLOAPer1_VehicleSpeed_Kph_f32.value 239.056885 Name Actual Value Expected Value TrqLOA_LatAccScaleFactor_Uls_M_f32 0.349376665 0.349372685 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0.4000 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0.0000 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 TrqLOA_TrqBasedScaleFactor_Uls_M_f32	target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_	MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_Rte_Inst_Ap_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value target_TrqLOA_Per1_LatAccelValid_Cnt_Igc.value target_TrqLOA_Per1_MotAgLoaMtgnEn_Cnt_Igc.value target_TrqLOA_Per1_MotAgLoaMtgnEn_Cnt_Igc.value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value target_TrqLOA_Per1_MotAgLoaMtgnEn_Cnt_Igc.value target_TrqLOA_Per1_MotAgLoaMtgnEn_Cnt_Igc.value target_TrqLOA_Per1_MotAgLoaMtgnEn_Cnt_Igc.value target_TrqLOA_Per1_MotAgloaMtgnEn_Cnt_Igc.value target_TrqLOA_Per1_NotAgloaMtgnEn_Cnt_Igc.value target_TrqLOA_Per1_NotAgloaMtgnEn_Cnt_Igc.value target_TrqLOA_Per1_NotAgloaMtgnEn_Cnt_Igc.value target_TrqLOA_Per1_NotAgloaMtgnEn_Cnt_Igc.value target_TrqLOA_Per1_NotAgloaMtgnEn_Cnt_Igc.value target_TrqLOA_Per1_NotAgloaMtgnEn_Cnt_Igc.value target_TrqLOA_Per1_NotAgloaMtgnEn_Cnt_Igc.value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value 1 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value 239.056885 Name Actual Value Expected Value TrqLOA_LatAccelSv_g_M_Str.Sv_Uls_f32 0.349366665 0.349372685 ± 0.01 TrqLOA_ScaledMtrTqCmd_MtrNm_M_f32 0.0 0 ± 0.01 TrqLOA_ScaledMtrTqCmd_MtrNm_M_f32 1 0 0 ± 0.01 TrqLOA_TrqLOA_MtrNm_M_f32 1 1 ± 0.01	target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value 1 target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value -4.03180599 target_TrqLOA_Per1_LatAccelValid_Cnt_Igc.value 1 target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc.value 1 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value -970.46582 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value 255 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value 1 target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 239.056885 Name Actual Value Expected Value TrqLOA_LatAccScaleFactor_Uls_M_f32 0.775334775 0.775334775 TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.349366665 0.349372685 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 1 ± 0.01	target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAva	il_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value target_TrqLOA_Per1_LatAcceMpSecSq_f32.value target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value target_TrqLOA_Per1_NetrVelCRF_MtrRadpS_f32.value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 239.056885 Name Actual Value Expected Value TrqLOA_LatAccScaleFactor_Uls_M_f32 0.775334775 0.349372685 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 1 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 1 ± 0.01	target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmo	d_MtrNm_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value 1 target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value -4.03180599 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value 1 target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value 1 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value -970.46582 target_TrqLOA_Per1_RellHwPos_HwDeg_f32.value 255 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value 1 target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 239.056885 Name Actual Value Expected Value TrqLOA_LatAccScaleFactor_Uls_M_f32 0.775334775 0.775334775 TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.349366665 0.349372685 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 1 ± 0.01	target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpee	edValid_Cnt_lgc	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value 1 target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value -4.03180599 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value 1 target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value 1 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value -970.46582 target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value 255 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value 1 target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 239.056885 Name Actual Value Expected Value TrqLOA_LatAccScaleFactor_Uls_M_f32 0.775334775 0.775334775 TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.349366665 0.349372685 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 1 ± 0.01	target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	ed_Kph_f32	
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value 1 target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value 1 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value -970.46582 target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value 255 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value 1 target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 239.056885 Name Actual Value Expected Value TrqLOA_LatAccScaleFactor_Uls_M_f32 0.775334775 0.775334775 TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.349366665 0.349372685 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 1 ± 0.01	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value 1 target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value 1 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value -970.46582 target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value 255 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value 1 target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 239.056885 Name Actual Value Expected Value TrqLOA_LatAccScaleFactor_Uls_M_f32 0.775334775 0.775334775 TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.349366665 0.349372685 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 1 ± 0.01	target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-4.03180599		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value 1 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value -970.46582 target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value 255 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value 1 target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 239.056885 Name Actual Value Expected Value TrqLOA_LatAccScaleFactor_Uls_M_f32 0.775334775 0.775334775 TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.349366665 0.349372685 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 1 ± 0.01		1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value -970.46582 target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value 255 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value 1 target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 239.056885 Name Actual Value Expected Value TrqLOA_LatAccScaleFactor_UIs_M_f32 0.775334775 0.775334775 TrqLOA_LatAcceISV_g_M_Str.SV_UIs_f32 0.349366665 0.349372685 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_UIs_M_f32 1 1 ± 0.01		1		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value 1 target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 239.056885 Name Actual Value Expected Value TrqLOA_LatAccScaleFactor_Uls_M_f32 0.775334775 0.775334775 TrqLOA_LatAcceISV_g_M_Str.SV_Uls_f32 0.349366665 0.349372685 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 1 ± 0.01		-970.46582		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 239.056885 Name Actual Value Expected Value I TrqLOA_LatAccScaleFactor_Uls_M_f32 0.775334775 0.775334775 0.775334775 0.775334775 0.349372685 ± 0.01 0.349372685 ± 0.01 0.349372685 ± 0.01 <	· - · · -	255		
Vame Actual Value Expected Value TrqLOA_LatAccScaleFactor_Uls_M_f32 0.775334775 0.775334775 TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.349366665 0.349372685 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 1 ± 0.01	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
TrqLOA_LatAccScaleFactor_Uls_M_f32 0.775334775 0.775334775 TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.349366665 0.349372685 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 1 ± 0.01		239.056885		
TrqLOA_LatAccScaleFactor_Uls_M_f32 0.775334775 0.775334775 TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.349366665 0.349372685 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 1 ± 0.01	Name	Actual Value	Expected Value	Result
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.349366665 0.349372685 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 1 ± 0.01			· · · · · · · · · · · · · · · · · · ·	-
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 1 ± 0.01				
TrqLOA_TloaCmd_MtrNm_M_f32 0 0 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 1 ± 0.01				
TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1 1 ± 0.01				
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value 0		0	0	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value 0 0 0 ± 0.01				

Test Step 2.9 (Repeat Count = 1)		✓
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.386923671	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.40000006	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0160000008	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-2.25017142	
TrqLOA_TloaCmd_MtrNm_M_f32	-5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.50114989	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.29628921	

2015-06-23, 13:48:37+0530

TrqLOA_Per1



Name	Input Value
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	118.545525
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-97.4050827
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	65.1571655
k_TrqLOA_FallingRampRate_UlspS_f32	-180.683548
k_TrqLOA_LatAccConversionFactor_Uls_f32	9.771945
k_TrqLOA_LimOutput_MtrNm_f32	0.855211735
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	0.73919785
k_TrqLOA_NomDrvTrq_MtrNm_f32	4.23845387
k_TrqLOA_RisingRampRate_UlspS_f32	282.893677
k_TrqLOA_SteerRatio_Uls_f32	74.9537659
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	6.75685263
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	9503 9830
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3] t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	6554
t2_TrqLOA_DiliGainY_Uls_u1p15[1][0]	8192
t2_TrqLOA_DiffGainY_UIs_u1p15[1][1]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	6554
t2_TrqLOA_DiffGainY_UIs_u1p15[7][1]	8192 9503
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2] t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	0000
t_TrqLOA_DiffGainX_G_u2p14[0]	9830
t TrqLOA DiffGainX G u2p14[1]	13271
t_TrqLOA_DiffGainX_G_u2p14[2]	14909
t TrqLOA DiffGainX G u2p14[3]	19661
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	9920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	10240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	10560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	10880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	11200
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9011
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	15565
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	19251 18432
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	18432 22528
t TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24166
	ETIOU

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value

2015-06-23, 13:48:37+0530





Name	Input Value		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	27853		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	27443		
t_TrqLOA_X_Kph_u10p6[0]	3136		
t_TrqLOA_X_Kph_u10p6[1]	3200		
t_TrqLOA_X_Kph_u10p6[2]	3264		
t_TrqLOA_X_Kph_u10p6[3]	3328		
t_TrqLOA_X_Kph_u10p6[4]	3392		
t_TrqLOA_X_Kph_u10p6[5]	3456		
t_TrqLOA_X_Kph_u10p6[6]	3520		
t_TrqLOA_X_Kph_u10p6[7]	3584		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpS	target TrqLOA Per1 LatAcc MpSecSq f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd	_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpee	dValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	d_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.0280352831		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-3.22382641		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-442.008911		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	0		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	232.319672		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.299987793	0.299987793	
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.393600017	0.393599987 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.935362518	-0.935362577 ± 0.01	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	

0

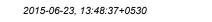
0 ± 0.01

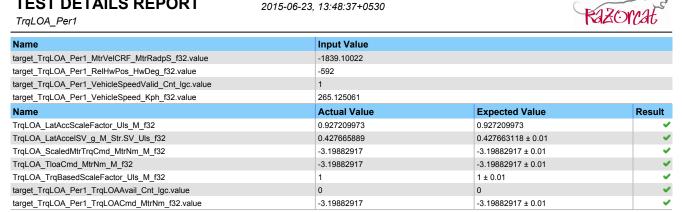
Test Step 2.10 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
FrqLOA_LatAccScaleFactor_Uls_M_f32	1	
FrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.449999988	
FrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0164999999	
rqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	8.80000019	
rqLOA_TloaCmd_MtrNm_M_f32	-4.5	
rqLOA_TrqBasedScaleFactor_Uls_M_f32	1.39562833	
_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.50173283	
_TrqLOA_AbsVelThreshold_MtrRadpS_f32	273.207611	
_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-36.3950081	
_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	24.804491	
_TrqLOA_FallingRampRate_UlspS_f32	-524.556824	
_TrqLOA_LatAccConversionFactor_Uls_f32	8.5640192	
z_TrqLOA_LimOutput_MtrNm_f32	3.37794185	
_TrqLOA_MaxScaleFactor_Uls_f32	0.959547281	
_TrqLOA_MinScaleFactor_Uls_f32	1.	
_TrqLOA_NomDrvTrq_MtrNm_f32	3.03419685	
	12.2064705	
	40.7518044	
_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
TrqLOA_Wheelbase_M_f32	16.9196377	
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124	
2 TrqLOA DiffGainY Uls u1p15[0][2]	12780	
2 TrqLOA DiffGainY Uls u1p15[0][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158	
2 TrqLOA DiffGainY Uls u1p15[1][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107	
2 TrqLOA DiffGainY Uls u1p15[2][0]	10158	
2 TrqLOA DiffGainY Uls u1p15[2][1]	12124	
2_TrqLOA_DiffGainY_UIs_u1p15[2][2]	12780	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158
t2_TrqLOA_DiffGainY_UIs_u1p15[3][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[5][2]	12780 13107
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3] t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_UIs_u1p15[7][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107
t_TrqLOA_DiffGainX_G_u2p14[0]	14090
t_TrqLOA_DiffGainX_G_u2p14[1]	15073
t_TrqLOA_DiffGainX_G_u2p14[2]	17039
t_TrqLOA_DiffGainX_G_u2p14[3]	22938
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	11520
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	11840
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	12160
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	12480
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	12800
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384 53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t TrqLOA_LatAccGain Y MtrNmpG u4p12[3]	56934
t TrqLOA LatAccGain Y MtrNmpG u4p12[4]	58163
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9830
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	16794
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	20070
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18842
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	23347
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24986
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	29082
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	28262
t_TrqLOA_X_Kph_u10p6[0]	3648
t_TrqLOA_X_Kph_u10p6[1]	3712
t_TrqLOA_X_Kph_u10p6[2]	3776
t_TrqLOA_X_Kph_u10p6[3]	3840
t_TrqLOA_X_Kph_u10p6[4] t TrqLOA_X_Kph_u10p6[5]	3904 3968
t TrqLOA X Kph u10p6[6]	4032
t_TrqLOA_X_Kph_u10p6[7]	4096
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-0.578490138
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0





Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
FrgLOA LatAccScaleFactor Uls M f32	
FrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.5
FrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0170000009
FrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	6.31133032
FrqLOA_TloaCmd_MtrNm_M_f32	-4
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.0365312696
x_TrqLOA_AbsAssistThreshold_MtrNm_f32	4.3778944
x_TrqLOA_AbsVelThreshold_MtrRadpS_f32	51.5899467
c_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-75.230217
C_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	48.0125961
r_TrqLOA_FallingRampRate_UlspS_f32	-961.261719
c_TrqLOA_LatAccConversionFactor_Uls_f32	9.47277641
:_TrqLOA_LimOutput_MtrNm_f32	6.38434887
c_TrqLOA_MaxScaleFactor_Uls_f32	1
c_TrqLOA_MinScaleFactor_Uls_f32	0.0216306448
C_TrqLOA_NomDrvTrq_MtrNm_f32	3.72263956
C_TrqLOA_RisingRampRate_UlspS_f32	513.838379
C_TrqLOA_SteerRatio_Uls_f32	34.9043198
C_TrqLOA_UndersteerGrad_RadpG_f32	0.25
c_TrqLOA_Wheelbase_M_f32	14.8978052
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	17039
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729
2_TrqLOA_DiffGainY_UIs_u1p15[1][2]	17039
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	15729
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039
	19661
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	17039
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	19661
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729
2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	17039
2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	19661
2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729
2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039
2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661
_TrqLOA_DiffGainX_G_u2p14[0]	15892
_TrqLOA_DiffGainX_G_u2p14[1]	16876
_TrqLOA_DiffGainX_G_u2p14[2]	19169

© Report created by TESSY V3.2.5, report template V2.4





Name	Input Value		
t_TrqLOA_DiffGainX_G_u2p14[3]	26214		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	13120		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	13440		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	13760		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	14080		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	14400		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915 8192		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011		
t_TrqLOA_tatAccGain_Y_MtrNmpG_u4p12[4]	12288		
t_TrqLOA_tatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	10650		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	18022		
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[2]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	25805		
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[6]	30310		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29082		
t_TrqLOA_X_Kph_u10p6[0]	4160		
t_TrqLOA_X_Kph_u10p6[1]	4224		
t_TrqLOA_X_Kph_u10p6[2]	4288		
t_TrqLOA_X_Kph_u10p6[3]	4352		
t_TrqLOA_X_Kph_u10p6[4]	4416		
t_TrqLOA_X_Kph_u10p6[5]	4480		
t_TrqLOA_X_Kph_u10p6[6]	4544		
t_TrqLOA_X_Kph_u10p6[7]	4608		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAut	hority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSec	cSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgt	nEn_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_Mt	trRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_Hw		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_0		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_N		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeed\		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_	_Kpn_t32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	1.21517611		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0 -1463.47729		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	221.003494		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	224.927643		
		Expected Value	Descrit
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_UIs_M_f32	0.849539578	0.849539578	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.498035997	0.498035997 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	0 0216206449	0 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.0216306448	0.0216306448 ± 0.01	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0 ± 0.01	

Test Step 2.12 (Repeat Count = 1)		✓
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.403138161	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.550000012	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0175000001	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	2.27528882	
TrqLOA_TloaCmd_MtrNm_M_f32	-3.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.692390919	

2015-06-23, 13:48:37+0530



Name	Input Value
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	7.58443165
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	927.774658
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-94.6221161
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	63.6255188
k_TrqLOA_FallingRampRate_UlspS_f32	-313.735229
k_TrqLOA_LatAccConversionFactor_Uls_f32	3.31031489
k_TrqLOA_LimOutput_MtrNm_f32	4.22883606
k_TrqLOA_MaxScaleFactor_Uls_f32	0.838027477
k_TrqLOA_MinScaleFactor_Uls_f32 k_TrqLOA_NomDrvTrq_MtrNm_f32	1 4.91779709
k_TrqLOA_RisingRampRate_UlspS_f32	378.169434
k_TrqLOA_SteerRatio_Uls_f32	21.556879
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	16.2824841
t2_TrqLOA_DiffGainY_UIs_u1p15[0][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[0][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0] t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	17367 19333
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	21299
t2 TrqLOA DiffGainY Uls u1p15[1][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367
t2_TrqLOA_DiffGainY_UIs_u1p15[3][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[3][2]	21299 26214
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[5][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0] t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	17367 19333
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214
t_TrqLOA_DiffGainX_G_u2p14[0]	17695
t_TrqLOA_DiffGainX_G_u2p14[1]	18678
t_TrqLOA_DiffGainX_G_u2p14[2] t_TrqLOA_DiffGainX_G_u2p14[3]	21299 29491
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	14720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	15040
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	15360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	15680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	16000
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	13107 16384
t_TrqLOA_arignspeed rrqblerid_r_ois_u1p15[4]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	11469
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	19251 21709
t_TrqLOA_tempTrqCmdSatYTbl_MtrNm_u4p12[2] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19661
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24986
_ 1	





Name	Input Value		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	31539		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29901		
t_TrqLOA_X_Kph_u10p6[0]	4672		
t_TrqLOA_X_Kph_u10p6[1]	4736		
t_TrqLOA_X_Kph_u10p6[2]	4800		
t_TrqLOA_X_Kph_u10p6[3]	4864		
t_TrqLOA_X_Kph_u10p6[4]	4928		
t_TrqLOA_X_Kph_u10p6[5]	4992		
t_TrqLOA_X_Kph_u10p6[6]	5056		
t_TrqLOA_X_Kph_u10p6[7]	5120		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAu	thority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSe	cSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_	_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtg	tnEn_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_M	trRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_	Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-3.16734862		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1395.95569		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	388.426361		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	394.863647		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.529998779	0.529998779	-
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.561278999	0.561278999 ± 0.01	→
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.0826489776	0.0826489702 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0.0826489776	0.0826489702 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.0639479756	0.0639479533 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0.0826489776 0.0826489702 ± 0.01		

Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	1
FrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.60000024
FrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0179999992
FrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-6.56088591
FrqLOA_TloaCmd_MtrNm_M_f32	-3
FrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.649484217
_TrqLOA_AbsAssistThreshold_MtrNm_f32	4.52225447
C_TrqLOA_AbsVelThreshold_MtrRadpS_f32	855.912842
<_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-13.8163471
_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	83.0125198
_TrqLOA_FallingRampRate_UlspS_f32	-80.8626328
C_TrqLOA_LatAccConversionFactor_Uls_f32	1.45001364
C_TrqLOA_LimOutput_MtrNm_f32	1.74174845
c_TrqLOA_MaxScaleFactor_Uls_f32	0.49027431
_TrqLOA_MinScaleFactor_Uls_f32	1
C_TrqLOA_NomDrvTrq_MtrNm_f32	8.08836651
C_TrqLOA_RisingRampRate_UlspS_f32	368.683472
_TrqLOA_SteerRatio_Uls_f32	23.0188789
_TrqLOA_UndersteerGrad_RadpG_f32	0.25
_TrqLOA_Wheelbase_M_f32	9.51464558
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655
12 TrgLOA DiffGainY Uls u1p15[2][1]	2458





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[5][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915 6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3] t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915
t2 TrqLOA DiffGainY Uls u1p15[7][3]	6226
t_TrqLOA_DiffGainX_G_u2p14[0]	328
t_TrqLOA_DiffGainX_G_u2p14[1]	1229
t_TrqLOA_DiffGainX_G_u2p14[2]	2458
t_TrqLOA_DiffGainX_G_u2p14[3]	3113
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	16320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	16640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	16960
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	17280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	17600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056 45875
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	49152
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[0]	12288
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	20480
t TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	22528
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[3]	20070
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[4]	25805
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[5]	27443
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	32768
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	30720
t_TrqLOA_X_Kph_u10p6[0]	5184
t_TrqLOA_X_Kph_u10p6[1]	5248
t_TrqLOA_X_Kph_u10p6[2]	5312
t_TrqLOA_X_Kph_u10p6[3]	5376
t_TrqLOA_X_Kph_u10p6[4]	5440
t_TrqLOA_X_Kph_u10p6[5]	5504
t_TrqLOA_X_Kph_u10p6[6]	5568
t_TrqLOA_X_Kph_u10p6[7]	5632
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA.Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.090705514 0.422303379
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1

2015-06-23, 13:48:37+0530



Name	Input Value		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1569.99622		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	700.895996		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	89.0243835		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.972367287	0.972367287	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.612959445	0.612959445 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.0640946478	0.0640946329 ± 0.01	~
TrqLOA_TloaCmd_MtrNm_M_f32	0.0640946478	0.0640946329 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.0878827572	0.0878827348 ± 0.01	✓
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0.0640946478	0.0640946329 ± 0.01	<u> </u>

Test Step 2.14 (Repeat Count = 1)	Innut Value	
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
FrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.649999976	
FrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0185000002	
FrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	7.2180357	
FrqLOA_TloaCmd_MtrNm_M_f32	-2.5	
FrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.340875268	
x_TrqLOA_AbsAssistThreshold_MtrNm_f32	9.84898376	
TrqLOA_AbsVelThreshold_MtrRadpS_f32	846.358887	
c_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-77.936348	
_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	72.3617096	
TrqLOA_FallingRampRate_UlspS_f32	-861.899231	
_TrqLOA_LatAccConversionFactor_Uls_f32	7.44272804	
_TrqLOA_LimOutput_MtrNm_f32	1.15138853	
_TrqLOA_MaxScaleFactor_Uls_f32	0.901087523	
_TrqLOA_MinScaleFactor_Uls_f32	1	
_TrqLOA_NomDrvTrq_MtrNm_f32	7.09603024	
_TrqLOA_RisingRampRate_UlspS_f32	583.057068	
_TrqLOA_SteerRatio_Uls_f32	28.1238441	
_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
z_TrqLOA_Wheelbase_M_f32	5.62831402	
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830	
2 TrqLOA DiffGainY Uls u1p15[4][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	6554	
2 TrgLOA DiffGainY Uls u1p15[5][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830	
2_frqLOA_biirGainY_bis_u1p15[6][6] 2_frqLOA_biffGainY_Uls_u1p15[6][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192	
z_frqLOA_DiffGainY_Uls_u1p15[6][1] 2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503	
	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[6][3]		
2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830	
_TrqLOA_DiffGainX_G_u2p14[0]	3277	
_TrqLOA_DiffGainX_G_u2p14[1]	4096	





Name	Input Value		
t_TrqLOA_DiffGainX_G_u2p14[2]	4751		
t_TrqLOA_DiffGainX_G_u2p14[3]	4915		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	17920		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	18240		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	18560		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	18880		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	19200		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	13107		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	28262		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	33997		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	31539		
t_TrqLOA_X_Kph_u10p6[0]	5696		
t_TrqLOA_X_Kph_u10p6[1]	5760		
t_TrqLOA_X_Kph_u10p6[2]	5824 5888		
t_TrqLOA_X_Kph_u10p6[3]	5952		
t_TrqLOA_X_Kph_u10p6[4]	6016		
t_TrqLOA_X_Kph_u10p6[5] t_TrqLOA_X_Kph_u10p6[6]	6080		
t_TrqLOA_X_Kph_u10p6[7]	6144		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwhee	MAuthority I lle f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_traindwheelAdinonty_0is_i32	target_TrqLOA_Per1_LatAcc_Mp		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target TrqLOA Per1 LatAccelVa		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoal		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos		
target Rte Inst Ap TrqLOA.TrqLOA Per1 TrqLOAAvail Cnt Igc	target_TrqLOA_Per1_TrqLOAAv		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target TrqLOA Per1 TrqLOACn		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpe		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target TrqLOA Per1 VehicleSpe		
target TrgLOA Per1 HandwheelAuthority Uls f32.value	0.828065395		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-10		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1079.4718		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-804.789978		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	362.635925		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.844127297	0.844127297	- I.osun
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.601803422	0.601803422 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-3.24986959	-3.24986959 ± 0.01	
TrqLOA_Scalcdinit TrqOring_Warkin_W_IS2	-1.15138853	-1.15138853 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	-1.15138853	-1.15138853 ± 0.01	

Test Step 2.15 (Repeat Count = 1)	✓
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.652236581
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.100000001
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0189999994
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	7.55757761
TrqLOA_TloaCmd_MtrNm_M_f32	-2

2015-06-23, 13:48:37+0530



Name	Input Value
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.049941957
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	2.01070285
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	236.626678
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-48.0307465
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	31.2210598
k_TrqLOA_FallingRampRate_UlspS_f32	-586.345642
k_TrqLOA_LatAccConversionFactor_Uls_f32	6.62290382
k_TrqLOA_LimOutput_MtrNm_f32	4.41483879
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	0.264312625
k_TrqLOA_NomDrvTrq_MtrNm_f32	5.95242167
k_TrqLOA_RisingRampRate_UlspS_f32	570.876648
k_TrqLOA_SteerRatio_Uls_f32	3.08604932
k_TrqLOA_UndersteerGrad_RadpG_f32	0.0252596289
k_TrqLOA_Wheelbase_M_f32	1.45060885
t2_TrqLOA_DiffGainY_UIs_u1p15[0][0]	10158 12124
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1] t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[2][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[6][0]	10158
t2_TrqLOA_DiffGainY_UIs_u1p15[6][1] t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	12124 12780
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	12780
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	13107
t_TrqLOA_DiffGainX_G_u2p14[0]	5079
t TrqLOA DiffGainX G u2p14[1]	6062
t_TrqLOA_DiffGainX_G_u2p14[2]	6390
t_TrqLOA_DiffGainX_G_u2p14[3]	6554
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	19520
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	19840
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	20160
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	20480
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	20800
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107 16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	13926
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	22938
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	24166
t TrqLOA TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20890
	2000

2015-06-23, 13:48:37+0530





Name	Input Value			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	27443			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	29082			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	35226			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	32358			
t_TrqLOA_X_Kph_u10p6[0]	6208			
t_TrqLOA_X_Kph_u10p6[1]	6272			
t_TrqLOA_X_Kph_u10p6[2]	6336			
t_TrqLOA_X_Kph_u10p6[3]	6400			
t_TrqLOA_X_Kph_u10p6[4]	6464			
t_TrqLOA_X_Kph_u10p6[5]	6528			
t_TrqLOA_X_Kph_u10p6[6]	6592			
t_TrqLOA_X_Kph_u10p6[7]	6656			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAu	thority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSe	cSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid	_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtg	tnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_M	trRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32			
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1.			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	10			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1			
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	876.956238			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-210.713165			
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	33.52005			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.556175113	0.556175113	•	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	-0.021463953	-0.0214639828 ± 0.01		
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.0189343765	-0.0189344287 ± 0.01		
TrqLOA_TloaCmd_MtrNm_M_f32	-0.0189343765	-0.0189344287 ± 0.01		
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01		
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0 0			
toward Taril OA Dard Taril OA Orad Matheway	0.0400044007 + 0.04			

Test Step 2.16 (Repeat Count = 1)	
Name	Input Value
Rte Inst Ap TrqLOA	target Rte Inst Ap TrqLOA
TrqLOA LatAccScaleFactor Uls M f32	0.776284695
TrqLOA LatAccelSV g M Str.SV Uls f32	0.150000006
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0195000004
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	1.24753368
TrqLOA_TloaCmd_MtrNm_M_f32	-1.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.569226027
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	0.412324548
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	915.442993
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-60.6968346
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	64.6097565
k_TrqLOA_FallingRampRate_UlspS_f32	-277.900177
k_TrqLOA_LatAccConversionFactor_Uls_f32	0.526169777
k_TrqLOA_LimOutput_MtrNm_f32	8.80000019
k_TrqLOA_MaxScaleFactor_Uls_f32	0.879272461
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	6.4326005
k_TrqLOA_RisingRampRate_UlspS_f32	153.534256
k_TrqLOA_SteerRatio_Uls_f32	51.1181374
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	19.2125759
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763

-0.0189343765

-0.0189344287 ± 0.01

 $target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value$

2015-06-23, 13:48:37+0530





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763
t2_TrqLOA_DiffGainY_UIs_u1p15[3][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	17039
t2_TrqLOA_DiffGainY_UIs_u1p15[4][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039 19661
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3] t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661
t_TrqLOA_DiffGainX_G_u2p14[0]	6881
t_TrqLOA_DiffGainX_G_u2p14[1]	7864
t_TrqLOA_DiffGainX_G_u2p14[2]	8520
t_TrqLOA_DiffGainX_G_u2p14[3]	9830
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	21120
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	21440
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	21760
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	22080
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	22400
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395 28672
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	29491
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768
t TrqLOA_LatAccGain Y MtrNmpG u4p12[7]	33587
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4096
t TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	8192
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[2]	14336
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[3]	15974
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[4]	17613
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	19251
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	20480
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	22528
t_TrqLOA_X_Kph_u10p6[0]	6720
t_TrqLOA_X_Kph_u10p6[1]	6784
t_TrqLOA_X_Kph_u10p6[2]	6848
t_TrqLOA_X_Kph_u10p6[3]	6912
t_TrqLOA_X_Kph_u10p6[4]	6976
t_TrqLOA_X_Kph_u10p6[5]	7040
t_TrqLOA_X_Kph_u10p6[6]	7104
t_TrqLOA_X_Kph_u10p6[7]	7168
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_Igc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	3.5
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	ე.:0

© Report created by TESSY V3.2.5, report template V2.4

37





Name	Input Value		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1269.96204		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	646.436951		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	281.711426		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.654891014	0.654891014	✓
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.162403747	0.162403747 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.00152588892	0.00152595004 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	0.00152588892	0.00152595004 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.876294553	0.876294553 ± 0.01	✓
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0.00152588892	0.00152595004 ± 0.01	✓

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.982143283	
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.20000003	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.019999996	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-6.9605794	
TrqLOA_TloaCmd_MtrNm_M_f32	-1	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.19092691	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	5.60962009	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	515.822083	
k TrgLOA DiffScaleRateLimiterFalling UlspS f32	-32.9132347	
k TrgLOA DiffScaleRateLimiterRising UlspS f32	51.4809647	
k_TrqLOA_FallingRampRate_UlspS_f32	-416.867584	
TrqLOA LatAccConversionFactor Uls f32	2.92874336	
TrqLOA LimOutput MtrNm f32	2.28109956	
<pre><_rrqLOA_MaxScaleFactor_Uls_f32</pre>	1	
<pre><_frqLOA_MinScaleFactor_Uls_f32</pre>	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	0.981505513	
k TrgLOA RisingRampRate UlspS f32	452.399811	
k_TrqLOA_tterRatio_Uls_f32	57.01577	
	0.217999741	
k_TrqLOA_UndersteerGrad_RadpG_f32		
k_TrqLOA_Wheelbase_M_f32	15.5838728	
12_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367 19333	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1] t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	21299	
_ , ,,		
12_TrqLOA_DiffGainY_Uls_u1p15[0][3]	26214	
I2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367	
I2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333	
I2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299	
I2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214	
I2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299	
I2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214	
l2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	21299	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214	
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367	
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333	
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299	
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367	
l2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333	
l2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367	
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333	
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	21299	
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214	
t_TrqLOA_DiffGainX_G_u2p14[0]	8684	

2015-06-23, 13:48:37+0530





Name	Input Value		
t_TrqLOA_DiffGainX_G_u2p14[1]	9667		
t_TrqLOA_DiffGainX_G_u2p14[2]	10650		
t_TrqLOA_DiffGainX_G_u2p14[3]	13107		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	22720		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	23040		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	23360		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	23680		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	24000		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4915		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	9421		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15155		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16384		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	18432		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	23347		
t_TrqLOA_X_Kph_u10p6[0]	7232		
t_TrqLOA_X_Kph_u10p6[1]	7296		
t_TrqLOA_X_Kph_u10p6[2]	7360		
t_TrqLOA_X_Kph_u10p6[3]	7424		
t_TrqLOA_X_Kph_u10p6[4]	7488		
t_TrqLOA_X_Kph_u10p6[5]	7552		
t_TrqLOA_X_Kph_u10p6[6]	7616		
t_TrqLOA_X_Kph_u10p6[7]	7680	Authority III- 500	
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwhee		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelVa	,	
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoal		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA.Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAva		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACm		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpe		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe	eu_npil_i32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.747072339		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	0		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	755.382446		
	-463.46756		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-463.46756		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	58.6060486		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value		Even a start Val	P
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.916316807	0.916316807	•
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.192429781	0.192429766 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	-0	0 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	-0.286127269 0	-0.28612721 ± 0.01	

Test Step 2.18 (Repeat Count = 1)		✓
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.505558729	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.25	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0205000006	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	4.91599369	





Name	Input Value
TrqLOA_TloaCmd_MtrNm_M_f32	-0.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.51502144
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	4.62375116
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	245.138199
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-41.4325523
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	75.942955
k_TrqLOA_FallingRampRate_UlspS_f32	-920.135132
k_TrqLOA_LatAccConversionFactor_Uls_f32	4.55265713
k_TrqLOA_LimOutput_MtrNm_f32	5.21092319
k_TrqLOA_MaxScaleFactor_Uls_f32 k_TrqLOA_MinScaleFactor_Uls_f32	0.378737688
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.80000019
k TrqLOA RisingRampRate UlspS f32	350.725677
k_TrqLOA_SteerRatio_Uls_f32	83.0911789
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	9.46714211
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915
t2_TrqLOA_DiffGainY_UIs_u1p15[3][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[4][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[4][2]	4915 6226
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3] t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	6226
t_TrqLOA_DiffGainX_G_u2p14[0]	10486
t_TrqLOA_DiffGainX_G_u2p14[1]	11469
t_TrqLOA_DiffGainX_G_u2p14[2]	12780
t_TrqLOA_DiffGainX_G_u2p14[3]	16384
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	960
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	1280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	1600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107 16384
t_TrqLOA_HighSpeedTrqBlend_Y_UIs_u1p15[3]	19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	5734
t_frqLOA_remprrqCindSatrrbi_withtin_d4p12[0]	
t_rqLOA_rempriqcinidsatribi_within_u4p12[0]	10650

TrqLOA_Per1

2015-06-23, 13:48:37+0530



Name	Input Value		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16794		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	22938		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24166		
t_TrqLOA_X_Kph_u10p6[0]	7744		
t_TrqLOA_X_Kph_u10p6[1]	7808		
t_TrqLOA_X_Kph_u10p6[2]	7872		
t_TrqLOA_X_Kph_u10p6[3]	7936		
t_TrqLOA_X_Kph_u10p6[4]	8000		
t_TrqLOA_X_Kph_u10p6[5]	8064		
t_TrqLOA_X_Kph_u10p6[6]	8128		
t_TrqLOA_X_Kph_u10p6[7]	8192		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority	_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f3	32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_I	•	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_0	Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_	f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-6.5		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-326.482697		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	357.54599		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	155.51593		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.42269361	0.42269361	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.250011116	0.250011116 ± 0.01	~
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	~
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	~

-0.813570082

0

0

-0.813570082 ± 0.01

0 0 ± 0.01

Test Step 2.19 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.30000012	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0209999997	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-7.58292675	
TrqLOA_TloaCmd_MtrNm_M_f32	0	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	4.32580423	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	148.017395	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-69.9315414	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	15.7676144	
k_TrqLOA_FallingRampRate_UlspS_f32	-966.635803	
k_TrqLOA_LatAccConversionFactor_Uls_f32	2.4797616	
k_TrqLOA_LimOutput_MtrNm_f32	7.05347157	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.598368287	
k_TrqLOA_MinScaleFactor_Uls_f32	0.892256141	
k_TrqLOA_NomDrvTrq_MtrNm_f32	1.2165494	
k_TrqLOA_RisingRampRate_UlspS_f32	460.667969	
k_TrqLOA_SteerRatio_Uls_f32	92.3100281	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.027917102	
k_TrqLOA_Wheelbase_M_f32	10.9195976	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	6554	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830	

TrqLOA_TrqBasedScaleFactor_Uls_M_f32

target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value

 $target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value$





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830
t2 TrqLOA DiffGainY Uls u1p15[3][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503
t2_TrqLOA_DiffGainY_UIs_u1p15[4][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192
t2_TrqLOA_DiffGainY_UIs_u1p15[5][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830
t_TrqLOA_DiffGainX_G_u2p14[0]	12288
t_TrqLOA_DiffGainX_G_u2p14[1]	13271
t_TrqLOA_DiffGainX_G_u2p14[2]	14909
t_TrqLOA_DiffGainX_G_u2p14[3]	19661
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	1920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	2240
	2560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	2880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	3200
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t TrqLOA LatAccGain Y MtrNmpG u4p12[0]	4096
t TrgLOA LatAccGain Y MtrNmpG u4p12[1]	4915
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	6554
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	11878
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	16794
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17203
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20070
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	21709
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	24166
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24986
t_TrqLOA_X_Kph_u10p6[0]	8256
t_TrqLOA_X_Kph_u10p6[1]	8320
t_TrqLOA_X_Kph_u10p6[2]	8384
t_TrqLOA_X_Kph_u10p6[3]	8448
t_TrqLOA_X_Kph_u10p6[4]	8512
t_TrqLOA_X_Kph_u10p6[5]	8576
t_TrqLOA_X_Kph_u10p6[6]	8640
t_TrqLOA_X_Kph_u10p6[7]	8704
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32
target_TrqLOA_Per1_HandwheelAuthority_UIs_f32.value	1

target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value

 $target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value$

TrqLOA_Per1

2015-06-23, 13:48:37+0530



Input Value 2.951581 target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value 0 target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value n target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value 689.795654 target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value -207.207138 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value 0 target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 142.005035 **Expected Value** Result **Actual Value** TrqLOA_LatAccScaleFactor_Uls_M_f32 0.860136926 0.860136926 TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.285196543 0.285196543 ± 0.01 $TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32$ -0.22293061 -0.222930625 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 -0.22293061 -0.222930625 ± 0.01 $TrqLOA_TrqBasedScaleFactor_Uls_M_f32$ 0.892256141 0.892256141 ± 0.01

0

-0.22293061

0

-0.222930625 ± 0.01

Test Step 2.20 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.760919571
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.349999994
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0215000007
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	5.85893965
TrqLOA_TloaCmd_MtrNm_M_f32	0.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.0278873444
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.29880762
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	101.334595
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-30.5762386
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	49.3492393
k_TrqLOA_FallingRampRate_UlspS_f32	-224.786346
k TrqLOA LatAccConversionFactor Uls f32	10
k_TrqLOA_LimOutput_MtrNm_f32	8.21726894
k_TrqLOA_MaxScaleFactor_Uls_f32	0.136131763
k_TrqLOA_MinScaleFactor_Uls_f32	0.551099062
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.80000019
k TrqLOA RisingRampRate UlspS f32	153.018997
k_TrqLOA_SteerRatio_Uls_f32	46.068264
k TrqLOA UndersteerGrad RadpG f32	0.25
k_TrqLOA_Wheelbase_M_f32	14.9741869
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124
t2 TrgLOA DiffGainY Uls u1p15[0][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	12124
t2_frqLOA_DiffGainY_Uis_u1p15[4][1] t2_TrqLOA_DiffGainY_Uis_u1p15[4][2]	12780
t2_TrqLOA_DillGainT_Dis_u1p15[4][2] t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107
t2_TrqLOA_DillGainY_Uis_u1p15[4][3] t2_TrqLOA_DiffGainY_Uis_u1p15[5][0]	10158
	lane.
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1] t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12124 12780
t2_TrqLOA_DillGainY_Uis_u1p15[5][2] t2_TrqLOA_DiffGainY_Uis_u1p15[5][3]	13107
	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0] t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	
	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107





Name	Input Value		
t_TrqLOA_DiffGainX_G_u2p14[0]	14090		
t_TrqLOA_DiffGainX_G_u2p14[1]	15073		
t_TrqLOA_DiffGainX_G_u2p14[2]	17039		
t_TrqLOA_DiffGainX_G_u2p14[3]	22938		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	3520		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	3840		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	4160		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	4480		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	4800		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	7373		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	13107		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	17613		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17613		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	22528		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	25395		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	25805		
t_TrqLOA_X_Kph_u10p6[0]	8768		
t_TrqLOA_X_Kph_u10p6[1]	8832		
t_TrqLOA_X_Kph_u10p6[2]	8896		
t_TrqLOA_X_Kph_u10p6[3]	8960		
t_TrqLOA_X_Kph_u10p6[4]	9024		
t_TrqLOA_X_Kph_u10p6[5]	9088		
t_TrqLOA_X_Kph_u10p6[6]	9152		
t_TrqLOA_X_Kph_u10p6[7]	9216		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwheel	, <u> </u>	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelVa		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaN		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA.Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAva		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACm		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpe	,	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe	ed_Kpn_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.112473726 5.86611271		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	0		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1922.651		
target_TrqLOA_Per1_mitrelCRF_mitreaups_isz.value	669.627136		
target_TrqLOA_Per1_ReinwPos_nwDeg_i3z.value target TrqLOA_Per1_VehicleSpeedValid Cnt lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	86.8814697		
		Expected Value	D
Name	Actual Value	Expected Value	Result
TrqLOA LatAccScaleFactor_Uls_M_f32	0.699767113	0.699767113	•
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.353336662	0.353336662 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.278150678	0.278150648 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•

Test Step 2.21 (Repeat Count = 1)	✓
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.458414435
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.400000006
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0219999999

2015-06-23, 13:48:37+0530



Name	Input Value
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-5.31447458
TrqLOA_TloaCmd_MtrNm_M_f32	1
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.68352222
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.20481014
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	442.206177
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-92.2796631
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	4.37505531
k_TrqLOA_FallingRampRate_UlspS_f32	-65.6893005
k_TrqLOA_LatAccConversionFactor_Uls_f32	4.77508354
k_TrqLOA_LimOutput_MtrNm_f32	6.08904886
k_TrqLOA_MaxScaleFactor_Uls_f32	0.307875514 0.92308104
k_TrqLOA_MinScaleFactor_UIs_f32 k_TrqLOA_NomDrvTrq_MtrNm_f32	1.39156401
k TrqLOA RisingRampRate UlspS f32	696.61969
k_TrqLOA_SteerRatio_Uls_f32	9.29917812
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	1.91829896
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	13763
t2_TrqLOA_DiffGainY_UIs_u1p15[1][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729
t2_TrqLOA_DiffGainY_UIs_u1p15[2][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763 15729
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1] t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	17039
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1] t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	15729 17039
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	19661
t_TrqLOA_DiffGainX_G_u2p14[0]	15892
t_TrqLOA_DiffGainX_G_u2p14[1]	16876
t_TrqLOA_DiffGainX_G_u2p14[2]	19169
t_TrqLOA_DiffGainX_G_u2p14[3]	26214
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	5120
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	5440
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	5760
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	6080
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	6400
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661 36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	
t_riqLoA_LatAccoaiii_i_ivittinpo d+pizjoj	49152
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49152 49971

2015-06-23, 13:48:37+0530





Name	Input Value		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	18432		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18022		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	26624		
t_TrqLOA_X_Kph_u10p6[0]	9280		
t_TrqLOA_X_Kph_u10p6[1]	9344		
t_TrqLOA_X_Kph_u10p6[2]	9408		
t_TrqLOA_X_Kph_u10p6[3]	9472		
t_TrqLOA_X_Kph_u10p6[4]	9536		
t_TrqLOA_X_Kph_u10p6[5]	9600		
t_TrqLOA_X_Kph_u10p6[6]	9664		
t_TrqLOA_X_Kph_u10p6[7]	9728		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwhe	elAuthority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_M	lpSecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelV	/alid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSp	peed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	4.09389257		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-645.788513		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-133.912827		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	379.220917		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.467164546	0.467164546	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.369231433	0.369231433 ± 0.01	•
TrqLOA ScaledMtrTrqCmd MtrNm M f32	-0	0 ± 0.01	
TrgLOA TloaCmd MtrNm M f32	-0	0 ± 0.01	

-0.290282726

0

-0

-0.290282935 ± 0.01

0

0 ± 0.01

Test Step 2.22 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.286217928
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.449999988
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0225000009
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-4.61328793
TrqLOA_TloaCmd_MtrNm_M_f32	1.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.9354285
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	6.82426548
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	256.059387
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-32.0693474
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	16.1730366
k_TrqLOA_FallingRampRate_UlspS_f32	-251.979279
k_TrqLOA_LatAccConversionFactor_Uls_f32	4.34920788
k_TrqLOA_LimOutput_MtrNm_f32	2.87169433
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	0.636602879
k_TrqLOA_NomDrvTrq_MtrNm_f32	5.84942722
k_TrqLOA_RisingRampRate_UlspS_f32	141.2939
k_TrqLOA_SteerRatio_Uls_f32	39.839592
k_TrqLOA_UndersteerGrad_RadpG_f32	0.195474774
k_TrqLOA_Wheelbase_M_f32	11.7310743
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299

TrqLOA_TrqBasedScaleFactor_Uls_M_f32

 $target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value$

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214
t2 TrqLOA DiffGainY Uls u1p15[2][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333
t2 TrqLOA DiffGainY Uls u1p15[2][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[3][3]	26214
t2_TrqLOA_DiffGainY_UIs_u1p15[4][0]	17367
t2_TrqLOA_DiffGainY_UIs_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[5][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367 19333
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1] t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299
	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3] t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367
t2_TrqLOA_DiliGainY_UIs_u1p15[7][0]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	26214
t TrqLOA DiffGainX G u2p14[0]	17695
t_TrqLOA_DiffGainX_G_u2p14[1]	18678
t_TrqLOA_DiffGainX_G_u2p14[2]	21299
t_TrqLOA_DiffGainX_G_u2p14[3]	29491
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	6720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	7040
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	7360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	7680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	8000
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	58163
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60211 60621
t TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030
t TrgLOA_EarAcceani_1_withinpe_u4p12[0]	9011
t TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	15565
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[2]	19251
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18432
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	22528
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24166
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[6]	27853
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[7]	27443
t_TrqLOA_X_Kph_u10p6[0]	9792
t_TrqLOA_X_Kph_u10p6[1]	9856
t_TrqLOA_X_Kph_u10p6[2]	9920
t_TrqLOA_X_Kph_u10p6[3]	9984
t_TrqLOA_X_Kph_u10p6[4]	10048
t_TrqLOA_X_Kph_u10p6[5]	10112
t_TrqLOA_X_Kph_u10p6[6]	10176
t_TrqLOA_X_Kph_u10p6[7]	10240
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32





Name	Input Value		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.728037357		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	8.18392849		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-2000		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	672.756042		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	113.296326		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.318563998	0.318563998	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.461153269	0.461153269 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.65284061	-1.65284073 ± 0.01	✓
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	✓

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA LatAccScaleFactor Uls M f32	0.416943192	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.5	
TrqLOA LatAccelSV g M Str.K Uls f32	0.023	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	2.22781754	
TrqLOA_TloaCmd_MtrNm_M_f32	2	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.414223254	
<pre><_TrqLOA_AbsAssistThreshold_MtrNm_f32</pre>	4.51600885	
<pre><_TrqLOA_AbsVelThreshold_MtrRadpS_f32</pre>	995.283386	
<pre><_rrqLOA_DiffScaleRateLimiterFalling_UlspS_f32</pre>	-71.562912	
<pre><_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32</pre>	15.5903111	
TrqLOA FallingRampRate UlspS f32	-878.925293	
<pre><_TrqLOA_LatAccConversionFactor_Uls_f32</pre>	0.70839566	
<pre><_rrqLOA_LimOutput_MtrNm_f32</pre>	8.80000019	
<pre><_TrqLOA_MaxScaleFactor_Uls_f32</pre>	0.113850713	
<pre><_frqLOA_MinScaleFactor_Uls_f32</pre>	0.382634044	
<pre><_TrqLOA_NomDrvTrq_MtrNm_f32</pre>	0.203266919	
TrqLOA RisingRampRate UlspS f32	770.529968	
<pre><_TrqLOA_SteerRatio_Uls_f32</pre>	6.2688899	
<pre><_frqLOA_UndersteerGrad_RadpG_f32</pre>	0.0393150002	
<pre><_rrqLOA_Wheelbase_M_f32</pre>	2.45116496	
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915	
2 TrqLOA DiffGainY Uls u1p15[0][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226	
2_TrqLOA_DiliGainY_Uls_u1p15[3][3]	655	
2_TrqLOA_DiliGainY_Uis_u1p15[4][0] 2_TrqLOA_DiffGainY_Uis_u1p15[4][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655	
2_TrqLOA_DiliGainY_Uls_u1p15[5][0] 2_TrqLOA_DilfGainY_Uls_u1p15[5][1]	2458	
2_TrqLOA_DiliGainY_Uls_u1p15[5][1]	4915	
2_TrqLOA_DiliGainY_Uis_u1p15[5][2] 2_TrqLOA_DiffGainY_Uis_u1p15[5][3]	6226	
2_TrqLOA_DiliGainY_Uis_u1p15[6][0] 2_TrqLOA_DiffGainY_Uis_u1p15[6][0]	655	
z_rrqLOA_DiffGainY_Uis_u1p15[6][1]	2458	
2_TrqLOA_DiliGainY_Uis_u1p15[6][1] 2_TrqLOA_DiffGainY_Uis_u1p15[6][2]	4915	
	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	2458	
:2_TrqLOA_DiffGainY_Uls_u1p15[7][1] :2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915	





LTRIQ AD DIffGainX G. u2p14[2]	
LTrqLOA_DiffGainX_G_u2p14[2]	
TrqLOA_HighSpeedTrqBland_X_Kph_u10p6[0] 8320 TrqLOA_HighSpeedTrqBland_X_Kph_u10p6[1] 8640 TrqLOA_HighSpeedTrqBland_X_Kph_u10p6[1] 8640 TrqLOA_HighSpeedTrqBland_X_Kph_u10p6[3] 9860 TrqLOA_HighSpeedTrqBland_X_Kph_u10p6[3] 9860 TrqLOA_HighSpeedTrqBland_X_Kph_u10p6[4] 9800 TrqLOA_HighSpeedTrqBland_X_Kph_u10p6[4] 9800 TrqLOA_HighSpeedTrqBland_Y_Us_u1p15[0] 6554 TrqLOA_HighSpeedTrqBland_Y_Us_u1p15[2] 1930 TrqLOA_HighSpeedTrqBland_Y_Us_u1p15[2] 1930 TrqLOA_HighSpeedTrqBland_Y_Us_u1p15[2] 1930 TrqLOA_HighSpeedTrqBland_Y_Us_u1p15[2] 1930 TrqLOA_HighSpeedTrqBland_Y_Us_u1p15[2] 19661 TrqLOA_HighSpeedTrqBland_Y_Us_u1p15[2] 19661 TrqLOA_LalaccGain_Y_MthrkmpG_u4p12[0] 4096 TrqLOA_LalaccGain_Y_MthrkmpG_u4p12[2] 4096 TrqLOA_LalaccGain_Y_MthrkmpG_u4p12[2] 8192 TrqLOA_LalaccGain_Y_MthrkmpG_u4p12[2] 1930 TrqLOA_LalaccGain_Y_MthrkmpG_u4p12[2] 12288 TrqLOA_LalaccGain_Y_MthrkmpG_u4p12[3] 1930 TrqLOA_LalaccGain_Y_MthrkmpG_u4p12[4] 1930 TrqLOA_TempTrqCmdSaYTD_Mthrkm_u4p12[3] 1934 TrqLOA_TempTrqCmdSaYTD_Mthrkm_u4p12[4] 2930 TrqLOA_TempTrqCmdSaYTD_Mthrkm_u4p12[4] 2930 TrqLOA_TempTrqCmdSaYTD_Mthrkm_u4p12[4] 2930 TrqLOA_TempTrqCmdSaYTD_Mthrkm_u4p12[4] 2930 TrqLOA_TempTrqCmdSaYTD_Mthrkm_u4p12[4] 2930 TrqLOA_TempTrqCmdSaYTD_Mthrkm_u4p12[4] 1096	
Trq.OA_HighSpeedTrqBlend_X_Kph_u10p6[0] 8320 Trq.OA_HighSpeedTrqBlend_X_Kph_u10p6[1] 8640 Trq.OA_HighSpeedTrqBlend_X_Kph_u10p6[2] 8960 Trq.OA_HighSpeedTrqBlend_X_Kph_u10p6[2] 8960 Trq.OA_HighSpeedTrqBlend_X_Kph_u10p6[3] 9280 Trq.OA_HighSpeedTrqBlend_Y_Kph_u10p6[4] 9900 Trq.OA_HighSpeedTrqBlend_Y_Uls_u1p15[0] 6854 Trq.OA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 Trq.OA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 Trq.OA_HighSpeedTrqBlend_Y_Uls_u1p15[3] 16384 Trq.OA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 Trq.OA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 Trq.OA_LatAccGain_Y_MirnmpG_u4p12[0] 4096 Trq.OA_LatAccGain_Y_MirnmpG_u4p12[1] 4915 Trq.OA_LatAccGain_Y_MirnmpG_u4p12[2] 8192 Trq.OA_LatAccGain_Y_MirnmpG_u4p12[3] 1740 Trq.OA_LatAccGain_Y_MirnmpG_u4p12[4] 12288 Trq.OA_LatAccGain_Y_MirnmpG_u4p12[6] 16384 Trq.OA_LatAccGain_Y_MirnmpG_u4p12[6] 16384 Trq.OA_LatAccGain_Y_MirnmpG_u4p12[6] 16384 Trq.OA_LatAccGain_Y_MirnmpG_u4p12[6] 16384 Trq.OA_LatAccGain_Y_MirnmpG_u4p12[6] 16384 Trq.OA_TempTrqCmdSstYTb_Mirnm_u4p12[7] 17203 Trq.OA_TempTrqCmdSstYTb_Mirnm_u4p12[7] 17203 Trq.OA_TempTrqCmdSstYTb_Mirnm_u4p12[7] 17203 Trq.OA_TempTrqCmdSstYTb_Mirnm_u4p12[7] 16794 Trq.OA_TempTrqCmdSstYTb_Mirnm_u4p12[7] 18842 Trq.OA_TempTrqCmdSstYTb_Mirnm_u4p12[7] 18842 Trq.OA_TempTrqCmdSstYTb_Mirnm_u4p12[7] 18842 Trq.OA_TempTrqCmdSstYTb_Mirnm_u4p12[7] 22622 Trq.OA_TempTrqCmdSstYTb_Mirnm_u4p12[7] 22622 Trq.OA_TempTrqCmdSstYTb_Mirnm_u4p12[7] 10686 Trq.OA_TempTrqCmdSstYTb_Mirnm_u4p12[7] 10686 Trq.OA_TempTrqCmdSstYTb_Mirnm_u4p12[7] 10686 Trq.OA_X_Kph_u10p6[7] 10742 Trq.OA_Y_Kph_u10p6[7]	
LTrqLoA_HighSpeedTrqBlend_X_Kph_u10p6[1] 8640	
CTTQLOA_HighSpeedTrigBlend_X_Kph_u10p6[2] 8980 CTTQLOA_HighSpeedTrigBlend_X_Kph_u10p6[3] 9280 CTTQLOA_HighSpeedTrigBlend_X_kph_u10p6[4] 9900 CTTQLOA_HighSpeedTrigBlend_Y_Uls_u1p15[0] 6554 CTTQLOA_HighSpeedTrigBlend_Y_Uls_u1p15[7] 9830 CTTQLOA_HighSpeedTrigBlend_Y_Uls_u1p15[2] 13107 CTTQLOA_HighSpeedTrigBlend_Y_Uls_u1p15[3] 13344 CTTQLOA_HighSpeedTrigBlend_Y_Uls_u1p15[4] 19961 CTTQLOA_HighSpeedTrigBlend_Y_Uls_u1p15[4] 19961 CTTQLOA_HighSpeedTrigBlend_Y_Uls_u1p15[4] 19961 CTTQLOA_HighSpeedTrigBlend_Y_Uls_u1p15[4] 19961 CTTQLOA_LatAccGain_Y_MirNmpG_u4p12[0] 4096 CTTQLOA_LatAccGain_Y_MirNmpG_u4p12[3] 4915 CTTQLOA_LatAccGain_Y_MirNmpG_u4p12[3] 8912 CTTQLOA_LatAccGain_Y_MirNmpG_u4p12[3] 12288 CTTQLOA_LatAccGain_Y_MirNmpG_u4p12[4] 12288 CTTQLOA_LatAccGain_Y_MirNmpG_u4p12[5] 13107 CTTQLOA_LatAccGain_Y_MirNmpG_u4p12[6] 16384 CTTQLOA_LatAccGain_Y_MirNmpG_u4p12[6] 16384 CTTQLOA_LatAccGain_Y_MirNmpG_u4p12[7] 17203 CTTQLOA_LatAccGain_Y_MirNmpG_u4p12[7] 17203 CTTQLOA_LatAccGain_Y_MirNmpG_u4p12[7] 17203 CTTQLOA_TempTrQCmdSatYTb_MirNm_u4p12[7] 9830 CTTQLOA_TempTrQCmdSatYTb_MirNm_u4p12[7] 16744 CTTQLOA_TempTrQCmdSatYTb_MirNm_u4p12[7] 18842 CTTQLOA_TempTrQCmdSatYTb_MirNm_u4p12[7] 18842 CTTQLOA_TempTrQCmdSatYTb_MirNm_u4p12[7] 2862 CTTQLOA_TempTrQCmdSatYTb_MirNm_u4p12[8] 29082 CTTQLOA_TempTrQCmdSatYTb_M	
LTqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3] 9280 LTqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4] 9600 LTqLOA_HighSpeedTrqBlend_X_Uls_u1p15[0] 6554 LTqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 LTqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] 16384 LTqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] 16384 LTqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 LTqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 LTqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 LTqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 LTqLOA_LataccGain_Y_MithmpG_u4p12[0] 4996 LTqLOA_LataccGain_Y_MithmpG_u4p12[1] 4915 LTqLOA_LataccGain_Y_MithmpG_u4p12[3] 9011 LTqLOA_LataccGain_Y_MithmpG_u4p12[3] 1911 LTqLOA_LataccGain_Y_MithmpG_u4p12[4] 12288 LTqLOA_LataccGain_Y_MithmpG_u4p12[6] 13107 LTqLOA_LataccGain_Y_MithmpG_u4p12[6] 16384 LTqLOA_LataccGain_Y_MithmpG_u4p12[6] 16384 LTqLOA_LataccGain_Y_MithmpG_u4p12[7] 17203 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[0] 9830 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[0] 9830 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[1] 16794 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[2] 20070 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[3] 18842 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[3] 18842 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[3] 2896 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[4] 23347 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[6] 29092 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[6] 29092 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[6] 29092 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[6] 29092 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[7] 10304 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[6] 1038 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[6] 1038 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[6] 1038 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[6] 10390 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[6] 10390 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[6] 10390 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[6] 10390 LTqLOA_TempTrqCmdSatYTb_Mithm_u4p12[6] 10390 LTqLOA_TempTrqCmdSatYTb_M	
CTRILOA_HighSpeedTrqBlend_X_Kph_u10p8[4] 9600 CTRILOA_HighSpeedTrqBlend_Y_Uls_u1p15[7] 6554 CTRILOA_HighSpeedTrqBlend_Y_Uls_u1p15[7] 9830 CTRILOA_HighSpeedTrqBlend_Y_Uls_u1p15[7] 13107 CTRILOA_HighSpeedTrqBlend_Y_Uls_u1p15[7] 13307 CTRILOA_HighSpeedTrqBlend_Y_Uls_u1p15[7] 19661 CTRILOA_LalAccGain_Y_MithmpG_u4p12[0] 4996 CTRILOA_LalAccGain_Y_MithmpG_u4p12[7] 4915 CTRILOA_LalAccGain_Y_MithmpG_u4p12[7] 4915 CTRILOA_LalAccGain_Y_MithmpG_u4p12[7] 4915 CTRILOA_LalAccGain_Y_MithmpG_u4p12[7] 12288 CTRILOA_LalAccGain_Y_MithmpG_u4p12[8] 13107 CTRILOA_LalAccGain_Y_MithmpG_u4p12[8] 13107 CTRILOA_LalAccGain_Y_MithmpG_u4p12[8] 13304 CTRILOA_LalAccGain_Y_MithmpG_u4p12[8] 13304 CTRILOA_LalAccGain_Y_MithmpG_u4p12[7] 17203 CTRILOA_LalAccGain_Y_MithmpG_u4p12[7] 17203 CTRILOA_LalAccGain_Y_MithmpG_u4p12[7] 17203 CTRILOA_LalAccGain_Y_MithmpG_u4p12[7] 17703 CTRILOA_TempTripCmdSatYTb_Mithm_u4p12[7] 16744 CTRILOA_TempTripCmdSatYTb_Mithm_u4p12[8] 23347 CTRILOA_TempTripCmdSatYTb_Mithm_u4p12[8] 23347 CTRILOA_TempTripCmdSatYTb_Mithm_u4p12[8] 23347 CTRILOA_TempTripCmdSatYTb_Mithm_u4p12[9] 23347 CTRILOA_TempTripCmdSatYTb_Mithm_u4p12[9] 23347 CTRILOA_TempTripCmdSatYTb_Mithm_u4p12[9] 23347 CTRILOA_TempTripCmdSatYTb_Mithm_u4p12[9] 23347 CTRILOA_TempTripCmdSatYTb_Mithm_u4p12[9] 23347 CTRILOA_TempTripCmdSatYTb_Mithm_u4p12[9] 23368 CTRILOA_TempTripCmdSatYTb_Mithm_u4p12[9] 23368 CTRILOA_TempTripCmdSatYTb_Mithm_u4p12[9] 23368 CTRILOA_TempTripCmdSatYTb_Mithm_u4p12[9] 10368 CTRILOA_TempTripCmdSatY	
CTRQLOA_HighSpeedTrqBlend_Y_Uls_u1p15(0) 6554	
LTrqLOA_HighSpeedTrqBlend_Y_Uls_utp15[1]	
LTrqLOA_HighSpeedTrqBlend_Y_Uis_utp15[2] 13107 LTrqLOA_HighSpeedTrqBlend_Y_Uis_utp15[3] 16384 LTrqLOA_HighSpeedTrqBlend_Y_Uis_utp15[4] 19961 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] 4096 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 4915 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 8192 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 9011 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 12288 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 13307 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 13384 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 16384 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 16384 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 16384 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 17203 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 17203 LTrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[0] 9830 LTrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[1] 16794 LTrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[2] 20070 LTrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[3] 18842 LTrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[4] 23347 LTrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[5] 24986 LTrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[6] 29082 LTrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[6] 29082 LTrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[7] 2862 LTrqLOA_X_Kph_u10p6[0] 10304 LTrqLOA_X_Kph_u10p6[1] 10388 LTrqLOA_X_Kph_u10p6[2] 10496 LTrqLOA_X_Kph_u10p6[3] 10496 LTrqLOA_X_Kph_u10p6[6] 10688 LTrqLOA_X_Kph_u10p6[6] 10688 LTrqLOA_X_Kph_u10p6[6] 10688 LTrqLOA_X_Kph_u10p6[6] 10752 LargeL_Rte_Inst_Ap_TrqLOA_TrqLOA_Perl_HandwheelAuthority_Uis_f32 LargeL_Rte_Inst_Ap_TrqLOA_TrqLOA_Perl_HandwheelAuthority_Uis_f32 LargeL_Rte_Inst_Ap_TrqLOA_TrqLOA_Perl_MtrNe_Uis_RCM_MtrBadpS_f32 LargeL_Rte_Inst_Ap_TrqLOA_TrqLOA_Perl_MtrNe_Uis_RCM_MtrBadpS_f32 LargeL_Rte_Inst_Ap_TrqLOA_TrqLOA_Perl_MtrNe_Uis_RCM_MtrBadpS_f32 LargeL_Rte_Inst_Ap_TrqLOA_TrqLOA_Perl_MtrNe_Uis_RCM_MtrBadpS_f32 LargeL_Rte_Inst_Ap_TrqLOA_TrqLOA_Perl_MtrNe_Uis_RCM_MtrBadpS_f32 LargeL_Rte_Inst_Ap_TrqLOA_TrqLOA_Perl_MtrNe_Uis_RCM_MtrBadpS	
LTrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] 16384 LTrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] 4096 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 4915 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 8192 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 9011 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 12288 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 13107 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 16384 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 16384 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 17203 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 17203 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9830 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 16794 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18842 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 23347 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 23347 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 24986 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 24986 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 24986 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 28262 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 28262 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 28262 LTrqLOA_X_Kpn_u10p6[0] 10346 LTrqLOA_X_Kpn_u10p6[0] 10368 LTrqLOA_X_Kpn_u10p6[0] 10496 LTrqLOA_X_Kpn_u10p6[1] 10560 LTrqLOA_X_Kpn_u10p6[1] 10560 LTrqLOA_X_Kpn_u10p6[6] 10624 LTrqLOA_X_Kpn_u10p6[6] 10624 LTrqLOA_X_Kpn_u10p6[6] 10624 LTrqLOA_X_Kpn_u10p6[6] 10624 LTrqLOA_X_Kpn_u10p6[7] 10752 LTrqLOA_X_Kpn_u10p6[
LTrqLOA_HighSpeedTrqBlend_Y_Uls_utp12[0] 4096 LTrqLOA_LatAccGain_Y_MtrNmpG_utp12[1] 4915 LTrqLOA_LatAccGain_Y_MtrNmpG_utp12[2] 8192 LTrqLOA_LatAccGain_Y_MtrNmpG_utp12[3] 9011 LTrqLOA_LatAccGain_Y_MtrNmpG_utp12[4] 12288 LTrqLOA_LatAccGain_Y_MtrNmpG_utp12[5] 13107 LTrqLOA_LatAccGain_Y_MtrNmpG_utp12[5] 13107 LTrqLOA_LatAccGain_Y_MtrNmpG_utp12[6] 16384 LTrqLOA_LatAccGain_Y_MtrNmpG_utp12[7] 17203 LTrqLOA_LatAccGain_Y_MtrNmpG_utp12[7] 17203 LTrqLOA_LatAccGain_Y_MtrNmpG_utp12[7] 17203 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_utp12[0] 9830 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_utp12[1] 16794 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_utp12[2] 20070 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_utp12[3] 18842 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_utp12[6] 23347 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_utp12[6] 24986 LTrqLOA_XEph_utlop6[1] 10368 LTrqLOA_XEph_utlop6[1] 10368 LTrqLOA_XEph_utlop6[2] 10432 LTrqLOA_XEph_utlop6[3] 10496 LTrqLOA_XEph_utlop6[3] 10496 LTrqLOA_XEph_utlop6[6] 10624 LTrqLOA_XEph_utlop6[6] 10624 LTrqLOA_XEph_utlop6[6] 10624 LTrqLOA_XEph_utlop6[6] 10624 LTrqLOA_XEph_utlop6[7] 10752 Larget_Re_Inst_Ap_TrqLOA_TrqLOA_Pert_HandwheelAuthority_Uls_f32 Larget_Re_Inst_Ap_TrqLOA_TrqLOA_Pert_HandwheelAuthority_Uls_f32 Larget_Re_Inst_Ap_TrqLOA_TrqLOA_Pert_MtrVeICRF_MtrRadpS_f32 Larget_Re_Inst_Ap_TrqLOA_TrqLOA_Pert_MtrVeICRF_MtrRadpS_f32 Larget_Re_Inst_Ap_TrqLOA_TrqLOA_Pert_MtrVeICRF_MtrRadpS_f32 Larget_Re_Inst_Ap_TrqLOA_TrqLOA_Pert_MtrVeICRF_MtrRadpS_f32 Larget_Re_In	
TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	
TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 8192 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 9011 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 12288 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 13107 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 16384 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 17203 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 16794 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 16794 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18842 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 23347 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24986 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 29082 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 29082 t_TrqLOA_X_Kph_u10p6[1] 10304 t_TrqLOA_X_Kph_u10p6[1] 10304 t_TrqLOA_X_Kph_u10p6[1] 10432 t_TrqLOA_X_Kph_u10p6[3] 10496 t_TrqLOA_X_Kph_u10p6[4] 10560 t_TrqLOA_X_Kph_u10p6[5] 10624 t_TrqLOA_X_Kph_u10p6[7] 10752 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAccelValid_Cnt_Igc target_TrqLOA_Per1_LatAccelValid_Cnt_Igc	
TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 9011 TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 12288 TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 13107 TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 16384 TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 17203 TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 17203 TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[0] 9830 TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[1] 16794 TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[2] 20070 TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[3] 18842 TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[4] 23347 TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[5] 24986 TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[6] 29082 TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[6] 29082 TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[7] 28262 TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[7] 28262 TrqLOA_X_Kph_u10p6[0] 10304 TrqLOA_X_Kph_u10p6[1] 10368 TrqLOA_X_Kph_u10p6[3] 10496 TrqLOA_X_Kph_u10p6[3] 10496 TrqLOA_X_Kph_u10p6[3] 10496 TrqLOA_X_Kph_u10p6[6] 10560 TrqLOA_X_Kph_u10p6[6] 10688 TrqLOA_X_Kph_u10p6[6] 10688 TrqLOA_X_Kph_u10p6[7] 10752 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAccelVailc_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_T	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 12288 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 13107 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 16384 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 17203 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9830 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 16794 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18842 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18842 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 23347 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24986 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 29082 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 28262 t_TrqLOA_X_Kph_u10p6[1] 10368 t_TrqLOA_X_Kph_u10p6[1] 10368 t_TrqLOA_X_Kph_u10p6[2] 10432 t_TrqLOA_X_Kph_u10p6[3] 10496 t_TrqLOA_X_Kph_u10p6[4] 10560 t_TrqLOA_X_Kph_u10p6[6] 10684 t_TrqLOA_X_Kph_u10p6[6] 10684 t_TrqLOA_X_Kph_u10p6[6] 10752 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_132 target_TrqLOA_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_WpSecSq_132 target_T	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 13107 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 16384 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 17203 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9830 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 16794 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] 20070 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18842 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 23347 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24986 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 29082 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 28262 t_TrqLOA_X_Rph_u10p6[0] 10304 t_TrqLOA_X_Rph_u10p6[1] 10368 t_TrqLOA_X_Kph_u10p6[2] 10432 t_TrqLOA_X_Rph_u10p6[3] 10496 t_TrqLOA_X_Rph_u10p6[5] 10660 t_TrqLOA_X_Rph_u10p6[6] 10660 t_TrqLOA_X_Rph_u10p6[7] 10752 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_UIs_f32 target_TrqLOA_Per1_HandwheelAuthority_UIs_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAcceValid_Cnt_Igc target_TrqLOA_Per1_HandwheelAuthority_UIs_f22 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAcceValid_Cnt_Igc target_TrqLOA_Per	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 16384 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 17203 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9830 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 16794 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] 20070 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18842 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24986 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 29082 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 28262 t_TrqLOA_X_Kph_u10p6[0] 10304 t_TrqLOA_X_Kph_u10p6[1] 10368 t_TrqLOA_X_Kph_u10p6[2] 10432 t_TrqLOA_X_Kph_u10p6[3] 10496 t_TrqLOA_X_Kph_u10p6[6] 10624 t_TrqLOA_X_Kph_u10p6[6] 10624 t_TrqLOA_X_Kph_u10p6[6] 10688 t_TrqLOA_X_Kph_u10p6[6] 10688 t_TrqLOA_X_Kph_u10p6[7] 10752 target_Re_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MPSecSq_f32 target_TrqLOA_Per1_LatAcc_MPSecSq_f32 target_Re_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MPSecSq_f32 target_TrqLOA_Per1_LatAcc_MPSecSq_f32 target_TrqLOA_Per1_LatAcc_MPSecSq_f32 target_TrqLOA_Per1_MtrVel	
t_TrqLOA_LatAccGain_Y_MtrNmp0_u4p12[7] 17203 t_TrqLOA_TempTrqCmdSatYTbL_MtrNm_u4p12[0] 9830 t_TrqLOA_TempTrqCmdSatYTbL_MtrNm_u4p12[1] 16794 t_TrqLOA_TempTrqCmdSatYTbL_MtrNm_u4p12[2] 20070 t_TrqLOA_TempTrqCmdSatYTbL_MtrNm_u4p12[3] 18842 t_TrqLOA_TempTrqCmdSatYTbL_MtrNm_u4p12[5] 24986 t_TrqLOA_TempTrqCmdSatYTbL_MtrNm_u4p12[6] 29082 t_TrqLOA_TempTrqCmdSatYTbL_MtrNm_u4p12[7] 28262 t_TrqLOA_TempTrqCmdSatYTbL_MtrNm_u4p12[7] 28262 t_TrqLOA_X_Kph_u10p6[0] 10304 t_TrqLOA_X_Kph_u10p6[1] 10368 t_TrqLOA_X_Kph_u10p6[2] 10432 t_TrqLOA_X_Kph_u10p6[3] 10496 t_TrqLOA_X_Kph_u10p6[4] 10560 t_TrqLOA_X_Kph_u10p6[6] 10624 t_TrqLOA_X_Kph_u10p6[6] 10624 t_TrqLOA_X_Kph_u10p6[7] 10752 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_UIs_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAcc_UAPSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 <	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 16794 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] 20070 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18842 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 23347 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24986 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 29082 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 28262 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 28262 t_TrqLOA_X_kph_u10p6[0] 10304 t_TrqLOA_X_kph_u10p6[1] 10368 t_TrqLOA_X_kph_u10p6[2] 10432 t_TrqLOA_X_kph_u10p6[3] 10496 t_TrqLOA_X_kph_u10p6[4] 10560 t_TrqLOA_X_kph_u10p6[5] 10624 t_TrqLOA_X_kph_u10p6[6] 10688 t_TrqLOA_X_kph_u10p6[7] 10752 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcceValid_Cnt_Igc target_TrqLOA_Per1_LatAcceValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] 20070 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18842 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 23347 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24986 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 29082 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 28262 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 28262 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 10304 t_TrqLOA_X_kph_u10p6[0] 10368 t_TrqLOA_X_kph_u10p6[1] 10368 t_TrqLOA_X_kph_u10p6[2] 10432 t_TrqLOA_X_kph_u10p6[3] 10496 t_TrqLOA_X_kph_u10p6[3] 10496 t_TrqLOA_X_kph_u10p6[6] 10560 t_TrqLOA_X_kph_u10p6[6] 10560 t_TrqLOA_X_kph_u10p6[6] 10560 t_TrqLOA_X_kph_u10p6[6] 10562 t_TrqLOA_X_kph_u10p6[6] 10752 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_Uls_f32 10752 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAcc_MpSecSq_f32 10752 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAcc_MpSecSq_f32 10752 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 10752 target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] 20070 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18842 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 23347 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24986 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 29082 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 28262 t_TrqLOA_X_Kph_u10p6[0] 10304 t_TrqLOA_X_Kph_u10p6[1] 10368 t_TrqLOA_X_Kph_u10p6[2] 10432 t_TrqLOA_X_Kph_u10p6[3] 10496 t_TrqLOA_X_Kph_u10p6[3] 10560 t_TrqLOA_X_Kph_u10p6[5] 10664 t_TrqLOA_X_Kph_u10p6[5] 10624 t_TrqLOA_X_Kph_u10p6[6] 10688 t_TrqLOA_X_Kph_u10p6[7] 10752 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_Uls_f32 target_TrqLOA_Per1_HandwheelAuthority_Uls_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAcc_MpSecS	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 23347 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24986 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 29082 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 28262 t_TrqLOA_X_Kph_u10p6[0] 10304 t_TrqLOA_X_Kph_u10p6[1] 10368 t_TrqLOA_X_Kph_u10p6[2] 10432 t_TrqLOA_X_Kph_u10p6[3] 10496 t_TrqLOA_X_Kph_u10p6[3] 10496 t_TrqLOA_X_Kph_u10p6[5] 10660 t_TrqLOA_X_Kph_u10p6[5] 10688 t_TrqLOA_X_Kph_u10p6[7] 10752 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_UIs_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAccelValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24986 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 29082 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 28262 t_TrqLOA_X_Kph_u10p6[0] 10304 t_TrqLOA_X_Kph_u10p6[1] 10368 t_TrqLOA_X_Kph_u10p6[2] 10432 t_TrqLOA_X_Kph_u10p6[3] 10496 t_TrqLOA_X_Kph_u10p6[4] 10560 t_TrqLOA_X_Kph_u10p6[5] 10624 t_TrqLOA_X_Kph_u10p6[6] 10688 t_TrqLOA_X_Kph_u10p6[6] 10688 t_TrqLOA_X_Kph_u10p6[7] 10752 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_UIs_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 29082 t_TrqLOA_X_Kph_u10p6[0] 10304 t_TrqLOA_X_Kph_u10p6[1] 10368 t_TrqLOA_X_Kph_u10p6[2] 10432 t_TrqLOA_X_Kph_u10p6[3] 10496 t_TrqLOA_X_Kph_u10p6[4] 10560 t_TrqLOA_X_Kph_u10p6[5] 10624 t_TrqLOA_X_Kph_u10p6[6] 10688 t_TrqLOA_X_Kph_u10p6[6] 10688 t_TrqLOA_X_Kph_u10p6[7] 10752 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_UIs_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAccelValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	
t_TrqLOA_X_Kph_u10p6[0]	
t_TrqLOA_X_Kph_u10p6[1]	
t_TrqLOA_X_Kph_u10p6[2] 10432 t_TrqLOA_X_Kph_u10p6[3] 10496 t_TrqLOA_X_Kph_u10p6[4] 10560 t_TrqLOA_X_Kph_u10p6[5] 10624 t_TrqLOA_X_Kph_u10p6[6] 10688 t_TrqLOA_X_Kph_u10p6[7] 10752 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_Wls_Cas_Cas_Cas_Cas_Cas_Cas_Cas_Cas_Cas_Ca	
t_TrqLOA_X_Kph_u10p6[3] 10496 t_TrqLOA_X_Kph_u10p6[4] 10560 t_TrqLOA_X_Kph_u10p6[5] 10624 t_TrqLOA_X_Kph_u10p6[6] 10688 t_TrqLOA_X_Kph_u10p6[7] 10752 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_UIs_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAccelValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	
t_TrqLOA_X_Kph_u10p6[4] 10560 t_TrqLOA_X_Kph_u10p6[5] 10624 t_TrqLOA_X_Kph_u10p6[6] 10688 t_TrqLOA_X_Kph_u10p6[7] 10752 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_UIs_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAccelValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	
t_TrqLOA_X_Kph_u10p6[5] 10624 t_TrqLOA_X_Kph_u10p6[6] 10688 t_TrqLOA_X_Kph_u10p6[7] 10752 target_Rte_Inst_Ap_TrqLOA_Per1_HandwheelAuthority_UIs_f32 10752 target_Rte_Inst_Ap_TrqLOA_Per1_LatAcc_MpSecSq_f32 10752 10752 target_Rte_Inst_Ap_TrqLOA_Per1_LatAcc_MpSecSq_f32 10752 10752 target_Rte_Inst_Ap_TrqLOA_Per1_LatAccelValid_Cnt_lgc 10752 target_Rte_Inst_Ap_TrqLOA_Per1_LatAccelValid_Cnt_lgc 10752 target_Rte_Inst_Ap_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc 10752 target_Rte_Inst_Ap_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 10752 target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc 10752 target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc 10752 target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc 10752 target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc 10752 target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc 10752 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 10752	
t_TrqLOA_X_Kph_u10p6[6] 10688 t_TrqLOA_X_Kph_u10p6[7] 10752 target_Rte_Inst_Ap_TrqLOA_Per1_HandwheelAuthority_UIs_f32 target_Rte_Inst_Ap_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA_Per1_LatAccelValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	
t_TrqLOA_X_Kph_u10p6[7] 10752 target_Rte_Inst_Ap_TrqLOA_Per1_HandwheelAuthority_UIs_f32 target_Rte_Inst_Ap_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA_Per1_LatAcc_WpSecSq_f32 target_Rte_Inst_Ap_TrqLOA_Per1_LatAccelValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA_Per1_LatAccelValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA_Per1_LatAccelValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA_Per1_LatAccelValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	
target_Rte_Inst_Ap_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32	
target TrqLOA Per1 HandwheelAuthority Uls f32.value	
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value 3.53119206	
target_TrqLOA_Per1_LatAccelValid_Cnt_Igc.value 0	
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value 1	
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value 2000	
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value -562.210022	
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value 0	
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 197.788849	
Name Actual Value Expected Value	
TrqLOA_LatAccScaleFactor_Uls_M_f32	Result
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32 -0.272943676 -0.272943676 -0.272943676 ± 0.01	Result
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	Result
TrqLOA_TloaCmd_MtrNm_M_f32 -0.4337537699 -0.433753729 ± 0.01	Result
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value 0 0	~
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value -0.433753699 -0.433753729 ± 0.01	· · · · · · · · · · · · · · · · · · ·

Test Step 2.24 (Repeat Count = 1)	→
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.0573601723
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.550000012

2015-06-23, 13:48:37+0530



Name	Input Value
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0234999992
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.208004713
TrqLOA_TloaCmd_MtrNm_M_f32	2.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.770968676
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	7.1029501
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	174.697998
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-79.8068924
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	7.59233046
k_TrqLOA_FallingRampRate_UlspS_f32	-508.201782
k_TrqLOA_LatAccConversionFactor_Uls_f32	3.90489888
k_TrqLOA_LimOutput_MtrNm_f32	1.23735428
k_TrqLOA_MaxScaleFactor_Uls_f32 k_TrqLOA_MinScaleFactor_Uls_f32	0.359750509
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.04695988
k_TrqLOA_RisingRampRate_UlspS_f32	428.983093
k_TrqLOA_SteerRatio_Uls_f32	76.5793839
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	9.53439236
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503
t2_TrqLOA_DiffGainY_UIs_u1p15[2][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192 9503
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503
t2_TrqLOA_DiffGainY_UIs_u1p15[4][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830
t_TrqLOA_DiffGainX_G_u2p14[0]	3277
t_TrqLOA_DiffGainX_G_u2p14[1]	4096 4751
t_TrqLOA_DiffGainX_G_u2p14[2] t_TrqLOA_DiffGainX_G_u2p14[3]	4/51
t TrqLOA HighSpeedTrqBlend X Kph u10p6[0]	9920
t TrqLOA HighSpeedTrqBlend X Kph u10p6[1]	10240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	10560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	10880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	11200
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768
t Trail OA LatAccCain V Mth. Inc. O 4 - 4077	22507
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	33587 10650

2015-06-23, 13:48:37+0530





Name	Input Value		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	18022		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	25805		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	30310		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29082		
t_TrqLOA_X_Kph_u10p6[0]	10816		
t_TrqLOA_X_Kph_u10p6[1]	10880		
t_TrqLOA_X_Kph_u10p6[2]	10944		
t_TrqLOA_X_Kph_u10p6[3]	11008		
t_TrqLOA_X_Kph_u10p6[4]	11072		
t_TrqLOA_X_Kph_u10p6[5]	11136		
t_TrqLOA_X_Kph_u10p6[6]	11200		
t_TrqLOA_X_Kph_u10p6[7]	11264		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwheel	Authority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp	SecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelVa	lid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaN	/tgtnEn_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF	_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target TrqLOA Per1 TrqLOAAvail Cnt Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target TrqLOA Per1 TrqLOACmd MtrNm f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe	ed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	3.82478905		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1326.5		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	463.004272		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	260.155029		
Name	Actual Value	Expected Value	Result
TrqLOA LatAccScaleFactor UIs M f32	0.0725448355	0.0725448355	
TrqLOA LatAccelSV g M Str.SV Uls f32	0.546331227	0.546331227 ± 0.01	
TrqLOA ScaledMtrTrqCmd MtrNm M f32	0	0 ± 0.01	
TrqLOA TloaCmd MtrNm M f32	0	0 ± 0.01	
TrqLOA TrqBasedScaleFactor Uls M f32	0.359750509	0.359750509 ± 0.01	
target TrgLOA Per1 TrgLOAAvail Cnt Igc.value	0	0	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	

Test Step 2.25 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.413330913
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.600000024
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0240000002
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.744433224
TrqLOA_TloaCmd_MtrNm_M_f32	3
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.921130359
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.41811442
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	634.881836
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-59.9634285
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	79.7622375
k_TrqLOA_FallingRampRate_UlspS_f32	-906.341125
k_TrqLOA_LatAccConversionFactor_Uls_f32	8.63694096
k_TrqLOA_LimOutput_MtrNm_f32	4.69407511
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.73774338
k_TrqLOA_RisingRampRate_UlspS_f32	506.32724
k_TrqLOA_SteerRatio_Uls_f32	25.6027412
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	13.3979607
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124

© Report created by TESSY V3.2.5, report template V2.4





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_UIs_u1p15[2][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158
t2_TrqLOA_DiffGainY_UIs_u1p15[4][1]	12124 12780
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2] t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107
t2_TrqLOA_DiliGainY_Uls_u1p15[4][3]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158
t2_TrqLOA_DiffGainY_UIs_u1p15[6][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	13107
t_TrqLOA_DiffGainX_G_u2p14[0]	5079
t_TrqLOA_DiffGainX_G_u2p14[1]	6062
t_TrqLOA_DiffGainX_G_u2p14[2]	6390
t_TrqLOA_DiffGainX_G_u2p14[3]	6554
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	11520
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	11840
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	12160
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	12480
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	12800
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] t TrqLOA HighSpeedTrqBlend Y Uls u1p15[4]	16384 19661
t_TrqLOA_nigrispeed riqbierid_r_ois_u1p15[4]	36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152
t TrqLOA LatAccGain Y MtrNmpG u4p12[7]	49971
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	11469
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	19251
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	21709
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19661
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24986
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	26624
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	31539
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29901
t_TrqLOA_X_Kph_u10p6[0]	11328
t_TrqLOA_X_Kph_u10p6[1]	11392
t_TrqLOA_X_Kph_u10p6[2]	11456
t_TrqLOA_X_Kph_u10p6[3]	11520
t_TrqLOA_X_Kph_u10p6[4]	11584
t_TrqLOA_X_Kph_u10p6[5]	11648
t_TrqLOA_X_Kph_u10p6[6]	11712
t_TrqLOA_X_Kph_u10p6[7]	11776
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc
	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32
	target Trol OA Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32
	target_TrqLOA_Per1_RelHwPos_HwDeg_f32 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value

TrqLOA_Per1

2015-06-23, 13:48:37+0530



1.75200284 ± 0.01

Name	Input Value			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_Vehicle	Speed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.107009053			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-4.62466621			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0			
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	0			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	799.100525	799.100525		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	501.525238			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.399993896	0.399993896	•	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.636516392	0.636516392 ± 0.01	•	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	1.75200272	1.75200284 ± 0.01	✓	
TrqLOA_TloaCmd_MtrNm_M_f32	1.75200272	1.75200284 ± 0.01	~	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01	~	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓	

1.75200272

Test Step 2.26 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.649999976	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0244999994	
FrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-4.05832148	
TrqLOA_TloaCmd_MtrNm_M_f32	3.5	
FrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.49695146	
C_TrqLOA_AbsAssistThreshold_MtrNm_f32	7.05715561	
c_TrqLOA_AbsVelThreshold_MtrRadpS_f32	691.984741	
c_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-60.6408615	
TrqLOA DiffScaleRateLimiterRising UlspS f32	65.9121246	
c_TrqLOA_FallingRampRate_UlspS_f32	-415.079132	
c_TrqLOA_LatAccConversionFactor_Uls_f32	10	
	7.91076517	
TrqLOA_MaxScaleFactor_Uls_f32	1	
C_TrqLOA_MinScaleFactor_Uls_f32	1	
C_TrqLOA_NomDrvTrq_MtrNm_f32	1.98730361	
C_TrqLOA_RisingRampRate_UlspS_f32	50.6216545	
TrgLOA SteerRatio Uls f32	92.4181595	
<pre>c</pre>	0.25	
C_TrqLOA_Wheelbase_M_f32	17.4362545	
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661	
2 TrqLOA DiffGainY Uls u1p15[1][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661	
	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	17039	
2_TrqLOA_DiffGainY_UIs_u1p15[3][2]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13763	
2_TrqLOA_DiffGainY_UIs_u1p15[4][0]		
2_TrqLOA_DiffGainY_UIs_u1p15[4][1]	15729	
2_TrqLOA_DiffGainY_UIs_u1p15[4][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729	





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661		
t_TrqLOA_DiffGainX_G_u2p14[0]	6881		
t_TrqLOA_DiffGainX_G_u2p14[1]	7864		
t_TrqLOA_DiffGainX_G_u2p14[2]	8520		
t_TrqLOA_DiffGainX_G_u2p14[3]	9830		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	13120		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	13440		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	13760		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	14080		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	14400		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	12288		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	22528		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	25805		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	27443		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	32768		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	30720		
t_TrqLOA_X_Kph_u10p6[0]	11840		
t_TrqLOA_X_Kph_u10p6[1]	11904		
t_TrqLOA_X_Kph_u10p6[2]	11968		
t_TrqLOA_X_Kph_u10p6[3]	12032		
t_TrqLOA_X_Kph_u10p6[4]	12096		
t_TrqLOA_X_Kph_u10p6[5]	12160 12224		
t_TrqLOA_X_Kph_u10p6[6] t TrqLOA_X_Kph_u10p6[7]	12288		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAut	thority I lle f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target TrqLOA_ref1_flafidwffeefAdd		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_	-	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgt		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_Mt		
target Rte Inst Ap TrqLOA.TrqLOA Per1 RelHwPos HwDeg f32	target_TrqLOA_Per1_RelHwPos_Hw		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAVail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_(
target Rte Inst Ap TrqLOA.TrqLOA Per1 TrqLOACMd MtrNm f32	target_TrqLOA_Per1_TrqLOACmd_N		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target TrqLOA Per1 VehicleSpeed\		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	0.117193341		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-367.5		
target TrqLOA Per1 RelHwPos HwDeg f32.value	-564.468384		
target TrqLOA Per1 VehicleSpeedValid Cnt Igc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	508.008362		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_UIs_M_f32	0.878718257	0.878718257	Result
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.623975098	0.623975098 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-2.19068646	-2.19068694 ± 0.01	
	-2.19068646	-2.19068694 ± 0.01	
Iral ()A Hoa(:md MtrNm M +32	-2.13000040	-2.10000034 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32 TrqLOA_TrgBasedScaleFactor_Llls_M_f32	1	1 + 0 01	
TrqLOA_IloaCmd_MtrNm_M_f32 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	1 0	1 ± 0.01	

Test Step 2.27 (Repeat Count = 1)	✓
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.70748055

2015-06-23, 13:48:37+0530



Name	Input Value
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.100000001
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0250000004
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	4.81785059
TrqLOA_TloaCmd_MtrNm_M_f32	4
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.94893074
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	899.900085
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-64.7299652
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	73.9211426
k_TrqLOA_FallingRampRate_UlspS_f32	-92.2094574
k_TrqLOA_LatAccConversionFactor_Uls_f32	6.6024642
k_TrqLOA_LimOutput_MtrNm_f32	3.43763661
k_TrqLOA_MaxScaleFactor_Uls_f32	0.541755319
k_TrqLOA_MinScaleFactor_Uls_f32 k_TrqLOA_NomDrvTrq_MtrNm_f32	8.71038914
k_TrqLOA_RisingRampRate_UlspS_f32	274.445343
k_TrqLOA_SteerRatio_Uls_f32	69.0654144
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	13.5281286
t2 TrqLOA DiffGainY UIs u1p15[0][0]	17367
t2 TrqLOA DiffGainY UIs u1p15[0][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[0][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[1][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[4][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367 19333
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1] t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299
t2 TrqLOA DiffGainY UIs u1p15[6][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214
t_TrqLOA_DiffGainX_G_u2p14[0]	8684
t_TrqLOA_DiffGainX_G_u2p14[1]	9667
t_TrqLOA_DiffGainX_G_u2p14[2]	10650
t_TrqLOA_DiffGainX_G_u2p14[3]	13107
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	14720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	15040
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	15360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	15680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	16000
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011 12288
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	13107
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203
	11.200





Name	Input Value		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	13107		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	28262		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	33997		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	31539		
t_TrqLOA_X_Kph_u10p6[0]	12352		
t_TrqLOA_X_Kph_u10p6[1]	12416		
t_TrqLOA_X_Kph_u10p6[2]	12480		
t_TrqLOA_X_Kph_u10p6[3]	12544		
t_TrqLOA_X_Kph_u10p6[4]	12608		
t_TrqLOA_X_Kph_u10p6[5]	12672		
t_TrqLOA_X_Kph_u10p6[6]	12736		
t_TrqLOA_X_Kph_u10p6[7]	12800		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSe	ecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtg	gtnEn_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_M	/trRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_H	wDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_	_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeed	IValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed	I_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.937400222		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	9.64863396		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	798.184937		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	965.266174		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	440.77774		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.799987793	0.799987793	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.121058829	0.121058829 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.81558108	1.81558108 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target TrgLOA Per1 TrgLOACmd MtrNm f32.value	0	0 ± 0.01	-

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.891314507	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.150000006	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0254999995	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	2.92311072	
TrqLOA_TloaCmd_MtrNm_M_f32	4.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2	
<pre><_TrqLOA_AbsAssistThreshold_MtrNm_f32</pre>	0.15940845	
<pre><_TrqLOA_AbsVelThreshold_MtrRadpS_f32</pre>	76.9195099	
<pre><_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32</pre>	-40.4109612	
_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	43.2055435	
_TrqLOA_FallingRampRate_UlspS_f32	-507.348114	
C_TrqLOA_LatAccConversionFactor_Uls_f32	0.904162347	
C_TrqLOA_LimOutput_MtrNm_f32	0.713699758	
<pre><_TrqLOA_MaxScaleFactor_Uls_f32</pre>	1	
<pre><_TrqLOA_MinScaleFactor_Uls_f32</pre>	0.510908365	
<pre><_TrqLOA_NomDrvTrq_MtrNm_f32</pre>	4.01333714	
c_TrqLOA_RisingRampRate_UlspS_f32	467.790863	
c_TrqLOA_SteerRatio_Uls_f32	51.5931358	
c_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
c_TrqLOA_Wheelbase_M_f32	19.8509865	
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655	

2015-06-23, 13:48:37+0530



News	Inneré Voles
Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[1][2]	4915 6226
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3] t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
t2_TrqLOA_DiliGainY_Uls_u1p15[2][1]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
t2 TrqLOA DiffGainY Uls u1p15[3][1]	2458
	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[3][3]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458
t2_TrqLOA_DiriGainY_UIs_u1p15[4][1]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	4915
t2_TrqLOA_DiliGainY_Uls_u1p15[5][2]	6226
	655
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	
t2_TrqLOA_DiffGainY_UIs_u1p15[6][1]	2458 4915
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1] t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	2458 4915
tz_IrqLOA_DiffGainY_Uis_u1p15[7][2] t2_TrqLOA_DiffGainY_Uis_u1p15[7][3]	4915 6226
	10486
t_TrqLOA_DiffGainX_G_u2p14[0]	
t_TrqLOA_DiffGainX_G_u2p14[1]	11469
t_TrqLOA_DiffGainX_G_u2p14[2]	12780 16384
t_TrqLOA_DiffGainX_G_u2p14[3]	16320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	16640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	16960
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	17280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	17600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107 16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] t TrqLOA LatAccGain Y MtrNmpG u4p12[0]	20480
	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] t TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	
	25395 28672
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768
t TrqLOA_LatAccGain Y MtrNmpG u4p12[7]	33587
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[0]	13926
	22938
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	22938
	20890
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	27443
	29082
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	29082 35226
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	32358
t_TrqLOA_X_Kph_u10p6[0]	12864 12928
t_TrqLOA_X_Kph_u10p6[1]	
t_TrqLOA_X_Kph_u10p6[2]	12992
t_TrqLOA_X_Kph_u10p6[3]	13056 13120
t_TrqLOA_X_Kph_u10p6[4]	13120
t_TrqLOA_X_Kph_u10p6[5]	13184
t_TrqLOA_X_Kph_u10p6[6]	
t_TrqLOA_X_Kph_u10p6[7]	13312
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_UIs_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32





Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_	<u>f</u> 32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.596330881		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	2.97075582		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-753.304749		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	932.416565		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	497.813354		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.810492575	0.810492575	✓
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.17708917	0.17708917 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	2.84024596	2.84024572 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0.713699758	0.713699758 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.98530376	0.98530376 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0.713699758	0.713699758 ± 0.01	~

_TrqLOA





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830		
t_TrqLOA_DiffGainX_G_u2p14[0]	12288		
t_TrqLOA_DiffGainX_G_u2p14[1]	13271		
t_TrqLOA_DiffGainX_G_u2p14[2]	14909		
t_TrqLOA_DiffGainX_G_u2p14[3]	19661		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	17920		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	18240		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	18560		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	18880		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	19200		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661 36864		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	37683		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960		
t_TrqLOA_LatAccGain_Y_mtrNmpG_u4p12[2] t_TrqLOA_LatAccGain_Y_mtrNmpG_u4p12[3]	41779		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4096		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	8192		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	14336		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	15974		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	17613		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	22528		
t_TrqLOA_X_Kph_u10p6[0]	13376		
t_TrqLOA_X_Kph_u10p6[1]	13440		
t_TrqLOA_X_Kph_u10p6[2]	13504		
t_TrqLOA_X_Kph_u10p6[3]	13568		
t_TrqLOA_X_Kph_u10p6[4]	13632		
t_TrqLOA_X_Kph_u10p6[5]	13696		
t_TrqLOA_X_Kph_u10p6[6]	13760		
t_TrqLOA_X_Kph_u10p6[7]	13824		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwheel	Authority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelVa		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaN		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAva		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACm		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpe		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe	ea_kpn_t32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-7.3074398		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1 1365.13013		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value target TrqLOA Per1 RelHwPos HwDeg f32.value	743.590393		
target_IrqLOA_Per1_RelHwPos_HwDeg_t32.value target TrqLOA_Per1_VehicleSpeedValid Cnt_lgc.value	743.590393		
target_TrqLOA_Per1_venicleSpeedvalid_Cnt_igc.value target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	88.6752625		
		Even eta d Value	Dani II
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.94082886	0.94082886	¥
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.211448729	0.211448729 ± 0.01	_
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA TrqBasedScaleFactor Uls M f32	I	1 ± 0.01	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	→

Test Step 2.30 (Repeat Count = 1)	√
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA

2015-06-23, 13:48:37+0530



Name	Input Value
TrqLOA_LatAccScaleFactor_Uls_M_f32	1
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.25
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0264999997
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.13867566
TrqLOA_TloaCmd_MtrNm_M_f32	5.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.833204865
k_TrqLOA_AbsAssistThreshold_MtrNm_f32 k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	6.20932293 659.015991
k_TrqLOA_AbsverTilesribid_iviti Radp3_i32 k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-67,2214966
k_TrqLOA_DiffScaleRateLimiterFlising_UlspS_f32	11.0838623
k_TrqLOA_FallingRampRate_UlspS_f32	-201.624084
k_TrqLOA_LatAccConversionFactor_Uls_f32	5.47973728
k_TrqLOA_LimOutput_MtrNm_f32	1.9202379
k_TrqLOA_MaxScaleFactor_Uls_f32	0.0276153088
k_TrqLOA_MinScaleFactor_Uls_f32	0.237777233
k_TrqLOA_NomDrvTrq_MtrNm_f32	7.01409388
k_TrqLOA_RisingRampRate_UlspS_f32	85.6128311
k_TrqLOA_SteerRatio_Uls_f32	83.8017349
k_TrqLOA_UndersteerGrad_RadpG_f32	0.239458829
k_TrqLOA_Wheelbase_M_f32	7.51533031
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_UIs_u1p15[2][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2] t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	12780 13107
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[4][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107
t_TrqLOA_DiffGainX_G_u2p14[0]	14090
t_TrqLOA_DiffGainX_G_u2p14[1]	15073
t_TrqLOA_DiffGainX_G_u2p14[2]	17039
t_TrqLOA_DiffGainX_G_u2p14[3]	22938 19520
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	19520 19840
t_IrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	19840 20160
t_TrqLOA_nighSpeedTrqBlend_X_kpri_u10p6[2] t_TrqLOA_HighSpeedTrqBlend_X_kph_u10p6[3]	20180
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	20800
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211

TrqLOA_Per1



0 ± 0.01



Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4915		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	9421		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15155		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16384		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	18432		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	23347		
t_TrqLOA_X_Kph_u10p6[0]	13888		
t_TrqLOA_X_Kph_u10p6[1]	13952		
t_TrqLOA_X_Kph_u10p6[2]	14016		
t_TrqLOA_X_Kph_u10p6[3]	14080		
t_TrqLOA_X_Kph_u10p6[4]	14144		
t_TrqLOA_X_Kph_u10p6[5]	14208		
t_TrqLOA_X_Kph_u10p6[6]	14272		
t_TrqLOA_X_Kph_u10p6[7]	14336		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	8.15013218		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1633.13428		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	46.1315651		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	0		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.865557015	0.865557015	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.243375003	0.243375003 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.429956675	0.429956704 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	

Test Step 2.31 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	1
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.300000012
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0270000007
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	2.90837574
TrqLOA_TloaCmd_MtrNm_M_f32	6
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.990798
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	6.15136528
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	103.625046
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-71.3969955
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	81.8016815
k_TrqLOA_FallingRampRate_UlspS_f32	-665.857605
k_TrqLOA_LatAccConversionFactor_Uls_f32	4.77330208
k_TrqLOA_LimOutput_MtrNm_f32	2.50067353
k_TrqLOA_MaxScaleFactor_Uls_f32	0.782106519
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.80000019
k_TrqLOA_RisingRampRate_UlspS_f32	15.2650385
k_TrqLOA_SteerRatio_Uls_f32	58.025032
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	10.3837967
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661

0

© Report created by TESSY V3.2.5, report template V2.4

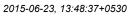
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
I2_TrqLOA_DiffGainY_UIs_u1p15[2][0]	13763
2_TrqLOA_DiffGainY_UIs_u1p15[2][1]	15729 17039
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2] t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	15729
2 TrgLOA DiffGainY Uls u1p15[3][2]	17039
2_TrqLOA_DiffGainY_UIs_u1p15[3][3]	19661
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	17039
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	19661
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729
2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	17039
2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	19661
2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729
2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039
2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661
_TrqLOA_DiffGainX_G_u2p14[0]	15892
_TrqLOA_DiffGainX_G_u2p14[1]	16876 19169
_TrqLOA_DiffGainX_G_u2p14[2] _TrqLOA_DiffGainX_G_u2p14[3]	26214
_TrqLOA_DiliGaliX_G_uzp14[3] _TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	21120
_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	21440
_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	21760
_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	22080
_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	22400
_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096
_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915
_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192
_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011
_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288
_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107
_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384
_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203
_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	5734
_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	10650
_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15974
_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16794
_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	19251
_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20890
_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	22938 24166
_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] _TrqLOA_X_Kph_u10p6[0]	24166 14400
_TrqLOA_X_Kph_u10p6[0] _TrqLOA_X_Kph_u10p6[1]	14464
_TrqLOA_X_Kph_u10p6[1] _TrqLOA_X_Kph_u10p6[2]	14528
	14526
_TrqLOA_X_Kph_u10p6[4]	14656
_TrqLOA_X_Kph_u10p6[5]	14720
_TrqLOA_X_Kph_u10p6[6]	14784
TrgLOA X Kph u10p6[7]	14848
arget_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
arget_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
arget_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
arget_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc
arget_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32
arget_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32

TrqLOA_Per1





Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.527585864		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-9.15404129		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1959.27441		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	302.507568		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	511		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.857205987	0.857205987	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.301532269	0.301532269 ± 0.01	~
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	~
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.9602679	-1.9602679 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	✓

Test Step 2.32 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
FrqLOA_LatAccScaleFactor_Uls_M_f32	0.0451312065	
FrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.349999994	
rqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0274999999	
rqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	2.35314679	
rqLOA_TloaCmd_MtrNm_M_f32	6.5	
rqLOA_TrqBasedScaleFactor_Uls_M_f32	2	
_TrqLOA_AbsAssistThreshold_MtrNm_f32	8.32529926	
<pre>c_TrqLOA_AbsVelThreshold_MtrRadpS_f32</pre>	396.538757	
_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-16.9330521	
_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	9.62668037	
_TrqLOA_FallingRampRate_UlspS_f32	-738.304871	
_TrqLOA_LatAccConversionFactor_Uls_f32	7.49069738	
_TrqLOA_LimOutput_MtrNm_f32	3.90022373	
_TrqLOA_MaxScaleFactor_Uls_f32	1	
z_TrqLOA_MinScaleFactor_Uls_f32	0.436335325	
_TrqLOA_NomDrvTrq_MtrNm_f32	8.80000019	
_TrqLOA_RisingRampRate_UlspS_f32	957.202148	
_TrqLOA_SteerRatio_Uls_f32	20.383215	
_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
_TrqLOA_Wheelbase_M_f32	10.1302967	
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214	

© Report created by TESSY V3.2.5, report template V2.4

2015-06-23, 13:48:37+0530





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367		
t2 TrqLOA DiffGainY Uls u1p15[7][1]	19333		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	21299		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214		
t_TrqLOA_DiffGainX_G_u2p14[0]	17695		
t TrqLOA DiffGainX G u2p14[1]	18678		
t_TrqLOA_DiffGainX_G_u2p14[2]	21299		
t_TrqLOA_DiffGainX_G_u2p14[3]	29491		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	22720		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	23040		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	23360		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	23680		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	24000		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	6554		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	11878		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	16794		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24986		
t_TrqLOA_X_Kph_u10p6[0]	14912		
t_TrqLOA_X_Kph_u10p6[1]	14976		
t_TrqLOA_X_Kph_u10p6[2]	15040		
t_TrqLOA_X_Kph_u10p6[3]	15104		
t_TrqLOA_X_Kph_u10p6[4]	15168		
t_TrqLOA_X_Kph_u10p6[5]	15232		
t_TrqLOA_X_Kph_u10p6[6]	15296		
t_TrqLOA_X_Kph_u10p6[7]	15360		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelA	Authority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp8	SecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelVal	id_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaM	ltgtnEn_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_	_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmo		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpee		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	ed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.558684111		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	6.74035311		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	725.383057		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-86.1812897		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	115		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.0643845648	0.0643845648	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.334533066	0.334523976 ± 0.01	~
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	~
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	~
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.523390174	0.523390293 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	✓





Test Step 2.33 (Repeat Count = 1)	· ·
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.40000006
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0280000009
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	8.80000019
TrqLOA_TloaCmd_MtrNm_M_f32	7
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	8.86581421
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	822.262451
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-85.1996994
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	27.1538162
k_TrqLOA_FallingRampRate_UlspS_f32	-942.832275
k_TrqLOA_LatAccConversionFactor_Uls_f32 k_TrqLOA_LimOutput_MtrNm_f32	0.100000001 1.91650236
k_TrqLOA_LiniOutput_MitNin_is2 k_TrqLOA_MaxScaleFactor_Uls_f32	0.808199286
k_TrqLOA_MinScaleFactor_Uls_f32	0.928993344
k_TrqLOA_NomDrvTrq_MtrNm_f32	5.1365633
k_TrqLOA_RisingRampRate_UlspS_f32	630.897095
k_TrqLOA_SteerRatio_Uls_f32	46.9744377
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	10.178853
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2] t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	4915 6226
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915 6226
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3] t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[7][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3] t_TrqLOA_DiffGainX_G_u2p14[0]	6226 328
t TrqLOA DiffGainX G u2p14[1]	1229
t TrqLOA DiffGainX G u2p14[2]	2458
t_TrqLOA_DiffGainX_G_u2p14[3]	3113
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	960
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	1280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	1600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384 19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938
t_TrqLOA_HighSpeed rqBiend_Y_Uis_u1p15[4] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	7373		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	13107		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	17613		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17613		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	22528		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	25395		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	25805		
t_TrqLOA_X_Kph_u10p6[0]	15424		
t_TrqLOA_X_Kph_u10p6[1]	15488		
t_TrqLOA_X_Kph_u10p6[2]	15552		
t_TrqLOA_X_Kph_u10p6[3]	15616		
t_TrqLOA_X_Kph_u10p6[4]	15680		
t_TrqLOA_X_Kph_u10p6[5]	15744		
t_TrqLOA_X_Kph_u10p6[6]	15808		
t_TrqLOA_X_Kph_u10p6[7]	15872		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAu	thority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_	MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeed	Valid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed	_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-2.45094824		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1694.61267		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-686.74469		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	144.32724		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.829600573	0.829600573	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.365909666	0.365909666 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.97111702	-0.97111702 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	-0.97111702	-0.97111702 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.928993344	0.928993344 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	-0.97111702 -0.97111702 ± 0.01		

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.449999988	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0285	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	6.91065264	
TrqLOA_TloaCmd_MtrNm_M_f32	7.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.5386678	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	1.86981726	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	73.6345139	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-20.5877991	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	9.75349903	
k_TrqLOA_FallingRampRate_UlspS_f32	-627.704895	
k_TrqLOA_LatAccConversionFactor_Uls_f32	10	
k_TrqLOA_LimOutput_MtrNm_f32	5.51037836	
k_TrqLOA_MaxScaleFactor_Uls_f32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	4.54602098	
k_TrqLOA_RisingRampRate_UlspS_f32	54.7308502	
k_TrqLOA_SteerRatio_Uls_f32	19.953455	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	0.637766242	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192
t2 TrqLOA DiffGainY Uls u1p15[0][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830 6554
t2_TrqLOA_DiffGainY_UIs_u1p15[4][0]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503
t2_TrqLOA_DilfGainY_Uls_u1p15[4][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	6554
t2 TrqLOA DiffGainY Uls u1p15[5][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	6554
t2_TrqLOA_DiffGainY_UIs_u1p15[6][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	9503
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	9830
t_TrqLOA_DiffGainX_G_u2p14[0]	3277
t_TrqLOA_DiffGainX_G_u2p14[1]	4096
t_TrqLOA_DiffGainX_G_u2p14[2]	4751
t_TrqLOA_DiffGainX_G_u2p14[3]	4915
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	1920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	2240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	2560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	2880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	3200
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384 19661
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[4]	22938
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163
t TrqLOA LatAccGain Y MtrNmpG u4p12[5]	60211
t TrqLOA LatAccGain Y MtrNmpG u4p12[6]	60621
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	8192
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	14336
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	18432
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18022
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	21709
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	23347
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	26624
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	26624
t_TrqLOA_X_Kph_u10p6[0]	15936
t_TrqLOA_X_Kph_u10p6[1]	16000
t_TrqLOA_X_Kph_u10p6[2]	16064
t_TrqLOA_X_Kph_u10p6[3]	16128
t_TrqLOA_X_Kph_u10p6[4]	16192
t_TrqLOA_X_Kph_u10p6[5]	16256
t_TrqLOA_X_Kph_u10p6[6]	16320
t_TrqLOA_X_Kph_u10p6[7]	16384
	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_Uls_f32	tarnet Trol OA Peril LatAcc MnSecSa 522
target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_HandwheeiAuthonty_Uis_ts2 target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc





Name	Input Value			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPo	s_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAA	vail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOAC	md_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleS	peedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleS	peed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-7.66519117	-7.66519117		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	416.382568			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	286.772766			
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	196.852356			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.958824396	0.958824396	✓	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.465533465	0.465533465 ± 0.01	✓	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.42920613	-1.42920613 ± 0.01	•	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	~	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
FrgLOA LatAccScaleFactor UIs M f32	0.665592313	
FrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.5	
FrgLOA LatAccelSV g M Str.K Uls f32	0.0289999992	
FrgLOA ScaledMtrTrgCmd MtrNm M f32	-1.63311434	
FrqLOA_TloaCmd_MtrNm_M_f32	8	
FrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.293881118	
c_TrqLOA_AbsAssistThreshold_MtrNm_f32	2.54366064	
TrqLOA_AbsVelThreshold_MtrRadpS_f32	421.076324	
TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-27.4218597	
TrqLOA DiffScaleRateLimiterRising UlspS f32	25.8486786	
TrqLOA FallingRampRate UlspS f32	-990.534912	
TrqLOA_LatAccConversionFactor Uls f32	5.5	
_TrqLOA_LimOutput_MtrNm_f32	8.53811264	
:_TrqLOA_Limoutput_wintviii_i32	0.236881852	
:_TrqLOA_MinScaleFactor_Uls_f32	0.845024467	
C_TrqLOA_NomDrvTrq_MtrNm_f32	1.26870954	
:_TrqLOA_RisingRampRate_UlspS_f32	630.161194	
:_TrqLOA_Itteligitalipitate_oispo_ioz	61.5083542	
TrqLOA_SteerNatio_Gis_is2	0.25	
TrqLOA Wheelbase M f32	10.0410261	
2 TrqLOA_Wileeloase_M_I32 2 TrqLOA DiffGainY Uls u1p15[0][0]	10.0410201	
2_TrqLOA_DiliGainY_Uls_u1p15[0][0] 2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124	
2_TrqLOA_DiliGainY_Uis_u1p15[0][1] 2_TrqLOA_DiffGainY_Uis_u1p15[0][2]	12780	
	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	12124	
2_TrqLOA_DiffGainY_UIs_u1p15[1][1]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]		
2_TrqLOA_DiffGainY_UIs_u1p15[2][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158	

2015-06-23, 13:48:37+0530

TrqLOA_Per1



Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780		
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	13107		
t_TrqLOA_DiffGainX_G_u2p14[0]	5079		
t TrqLOA DiffGainX G u2p14[1]	6062		
	6390		
t_TrqLOA_DiffGainX_G_u2p14[2]			
t_TrqLOA_DiffGainX_G_u2p14[3]	6554		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	3520		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	3840		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	4160		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	4480		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	4800		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9011		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	15565		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18432		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	22528		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	27853		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	27443		
t_TrqLOA_X_Kph_u10p6[0]	27443 16448		
t_TrqLOA_X_Kph_u10p6[1]			
t TrgLOA X Kph u10p6[2]	16512 16576		
t_TrqLOA_X_Kph_u10p6[3]	16640		
	16704		
t_TrqLOA_X_Kph_u10p6[4]			
t_TrqLOA_X_Kph_u10p6[5]	16768		
t_TrqLOA_X_Kph_u10p6[6]	16832		
t_TrqLOA_X_Kph_u10p6[7]	16896		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAutho	ority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecS	Sq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_C	Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnl	En_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrF	RadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwD	. –	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cr		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_Mt		
target Rte Inst Ap TrqLOA.TrqLOA Per1 VehicleSpeedValid Cnt Igc	target TrqLOA Per1 VehicleSpeedVa		
target Rte Inst Ap TrqLOA.TrqLOA Per1 VehicleSpeed Valid_Git_igc	target TrqLOA_Per1_VehicleSpeed K	0	
		χρι <u>ι</u> ισε	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1 5 27047907		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	5.27947807		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1722.43982		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	225.925964		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	146.495758		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.610748589	0.610748589	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.491507351	0.491507351 ± 0.01	
TrqLOA_caladdtrTrqCmd_MtrNm_M_f32	0.701001001		_
11420/ _Ocalediviti 1140/114_IVIII_IVI_IO2		0 + 0 01	
Tral OA TloaCmd MtrNm M f32	0	0 ± 0.01	Y
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	~
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0 0 0.845024467	0 ± 0.01 0.845024467 ± 0.01	~
	0	0 ± 0.01	~





Test Step 2.36 (Repeat Count = 1)	✓
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	1
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.550000012
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0295000002
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	8.00813484
TrqLOA_TloaCmd_MtrNm_M_f32	-8
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.198748589
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	5.77707434
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	6.5142622
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32 k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	-69.2371216 79.5679626
k_TrqLOA_FallingRampRate_UlspS_f32	-711.263794
k_TrqLOA_LatAccConversionFactor_Uls_f32	8.74153614
k TrgLOA LimOutput MtrNm f32	6.41432095
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	0.60880971
k_TrqLOA_NomDrvTrq_MtrNm_f32	1.13495827
k_TrqLOA_RisingRampRate_UlspS_f32	799.012878
k_TrqLOA_SteerRatio_Uls_f32	1
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	17.710001
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2] t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	17039 19661
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2 TrqLOA DiffGainY Uls u1p15[1][1]	15729
t2_TrqLOA_DiffGainY_UIs_u1p15[1][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	15729
t2_TrqLOA_DiffGainY_UIs_u1p15[3][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661 13763
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	17039
t2 TrqLOA DiffGainY Uls u1p15[4][3]	19661
t2 TrqLOA DiffGainY Uls u1p15[5][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0] t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	13763 15729
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	17039
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	19661
t_TrqLOA_DiffGainX_G_u2p14[0]	6881
t_TrqLOA_DiffGainX_G_u2p14[1]	7864
t_TrqLOA_DiffGainX_G_u2p14[2]	8520
t_TrqLOA_DiffGainX_G_u2p14[3]	9830
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	5120
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	5440
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	5760
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	6080 6400
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9830		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	16794		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18842		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24986		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	29082		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	28262		
t_TrqLOA_X_Kph_u10p6[0]	16960		
t_TrqLOA_X_Kph_u10p6[1]	17024		
t_TrqLOA_X_Kph_u10p6[2]	17088		
t_TrqLOA_X_Kph_u10p6[3]	17152		
t_TrqLOA_X_Kph_u10p6[4]	17216		
t_TrqLOA_X_Kph_u10p6[5]	17280		
t_TrqLOA_X_Kph_u10p6[6]	17344		
t_TrqLOA_X_Kph_u10p6[7]	17408		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwheel	Authority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp	SecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACm	d_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpe	edValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe	ed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	4.72714806		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1863.97424		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	708.787415		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	199.909302		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.861525774	0.861525774	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	1.72507906	1.72507918 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	1.44732964	1.44732964 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	1.44732964	1.44732964 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	
target TrqLOA Per1 TrqLOACmd MtrNm f32.value	1.44732964 ± 0.01		

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.60000024	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.029999993	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	2.64204121	
TrqLOA_TloaCmd_MtrNm_M_f32	-7.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.52260977	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	4.37450218	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	555.597839	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-40.9015045	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	35.3331413	
k_TrqLOA_FallingRampRate_UlspS_f32	-935.732483	
k_TrqLOA_LatAccConversionFactor_Uls_f32	3.99184752	
k_TrqLOA_LimOutput_MtrNm_f32	3.54496264	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.83965385	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.77077007	
k_TrqLOA_RisingRampRate_UlspS_f32	300.217072	
k_TrqLOA_SteerRatio_Uls_f32	100	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	13.9105654	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367	

2015-06-23, 13:48:37+0530

TrqLOA_Per1



Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	26214
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333 21299
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[5][2]	21299
t2 TrqLOA DiffGainY UIs u1p15[5][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214
t_TrqLOA_DiffGainX_G_u2p14[0]	8684
t_TrqLOA_DiffGainX_G_u2p14[1]	9667
t_TrqLOA_DiffGainX_G_u2p14[2]	10650
t_TrqLOA_DiffGainX_G_u2p14[3]	13107
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	6720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	7040
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	7360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	7680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	8000
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938 36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875
t TrqLOA_LatAccGain Y MtrNmpG_u4p12[6]	49152
t TrqLOA_LatAccGain Y MtrNmpG_u4p12[7]	49971
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	10650
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[1]	18022
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	20890
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19251
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24166
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	25805
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	30310
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29082
t_TrqLOA_X_Kph_u10p6[0]	17472
t_TrqLOA_X_Kph_u10p6[1]	17536
t_TrqLOA_X_Kph_u10p6[2]	17600
t_TrqLOA_X_Kph_u10p6[3]	17664
t_TrqLOA_X_Kph_u10p6[4]	17728
t_TrqLOA_X_Kph_u10p6[5]	17792
t_TrqLOA_X_Kph_u10p6[6]	17856
t_TrqLOA_X_Kph_u10p6[7]	17920
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_nanowneenAutrionty_ois_i32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc





Name	Input Value			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCR	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPo	s_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAA	vail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOAC	md_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSp	peedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSp	peed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	10			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1655.42114	-1655.42114		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-265.072357	-265.072357		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	172.637421			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.918196976	0.918196976	~	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.577513218	0.577513158 ± 0.01	✓	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	~	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.0778244138	0.077824384 ± 0.01	✓	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	~	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
FrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.649999976	
TrqLOA LatAccelSV g M Str.K Uls f32	0.0305000003	
TrqLOA ScaledMtrTrqCmd MtrNm M f32	2.70486045	
TrgLOA TloaCmd MtrNm M f32	-7	
FrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.940626979	
TrgLOA AbsAssistThreshold MtrNm f32	10	
TrgLOA AbsVelThreshold MtrRadpS f32	429.092407	
TrgLOA DiffScaleRateLimiterFalling UlspS f32	-93.3903503	
<pre>c_rqLOA_DiffScaleRateLimiterRising_UlspS_f32</pre>	63.4560089	
TrgLOA FallingRampRate UlspS f32	-663.422974	
TrgLOA LatAccConversionFactor Uls f32	3.26073194	
<pre><_TrqLOA_LimOutput_MtrNm_f32</pre>	4.96274185	
<pre><_TrqLOA_Emioutput_murrin_io2</pre> <pre><_TrqLOA_MaxScaleFactor_Uls_f32</pre>	1	
C_TrqLOA_MinScaleFactor_Uls_f32	1	
C TrgLOA NomDrvTrg MtrNm f32	2.74715996	
<pre>c_rqLOA_RisingRampRate_UlspS_f32</pre>	709.764343	
<pre><_rrqLOA_SteerRatio_Uls_f32</pre>	50.5	
TrgLOA UndersteerGrad RadpG f32	0.25	
TrgLOA Wheelbase M f32	17.6551552	
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915	
2 TrqLOA DiffGainY UIs u1p15[0][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458	
2 TrqLOA DiffGainY Uls u1p15[1][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458	
2 TrqLOA_DiffGainY_UIs_u1p15[2][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655	
2 TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458	
2_TrqLOA_DiffGainY_UIs_u1p15[4][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226	
2_TrqLOA_DiliGainY_Uls_u1p15[4][3] 2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	4915	
2_TrqLOA_DiliGainY_Uls_u1p15[5][3]	6226	
2_TrqLOA_DiliGainY_Uls_u1p15[6][0]	655	

2015-06-23, 13:48:37+0530





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655		
t2 TrqLOA DiffGainY Uls u1p15[7][1]	2458		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	6226		
t_TrqLOA_DiffGainX_G_u2p14[0]	10486		
t TrqLOA DiffGainX G u2p14[1]	11469		
t TrqLOA DiffGainX G u2p14[2]	12780		
t_TrqLOA_DiffGainX_G_u2p14[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	8320		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	8640		
t TrqLOA HighSpeedTrqBlend X Kph u10p6[2]	8960		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	9280		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	9600		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248		
t TrqLOA LatAccGain Y MtrNmpG u4p12[1]	54067		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115		
t TrqLOA LatAccGain Y MtrNmpG u4p12[3]	56934		
t TrqLOA LatAccGain Y MtrNmpG u4p12[4]	58163		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	11469		
t TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19661		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24986		
	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	31539		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	29901		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]			
t_TrqLOA_X_Kph_u10p6[0]	17984		
t_TrqLOA_X_Kph_u10p6[1]	18048		
t_TrqLOA_X_Kph_u10p6[2]	18112 18176		
t_TrqLOA_X_Kph_u10p6[3]	18240		
t_TrqLOA_X_Kph_u10p6[4]	18304		
t_TrqLOA_X_Kph_u10p6[5]	18368		
t_TrqLOA_X_Kph_u10p6[6]	18432		
t_TrqLOA_X_Kph_u10p6[7]	1.5.75		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelVa	·	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaN		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAva		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACm		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpe		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe	ed_Kph_t32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.453732014		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-1.86167538		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1063.83716		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-893.729248		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	335.546814		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.813219309	0.813219309	✓
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.595274091	0.59527415 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-1.99014843	-1.99014843 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	-1.99014843	-1.99014843 ± 0.01	~
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.478901744	0.478901744 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	·

-1.99014843

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value

-1.99014843 ± 0.01





Test Step 2.39 (Repeat Count = 1) Name Input Value Rte_Inst_Ap_TrqLOA target_Rte_Inst_Ap_TrqLOA TrqLOA_LatAccScaleFactor_Uls_M_f32 1	
Rte_Inst_Ap_TrqLOA target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32 1	
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32 0.100000001	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32 0.0309999995	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 -1.689713	
TrqLOA_TloaCmd_MtrNm_M_f32 -6.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32 -1.00279856 k TrqLOA_AbsAssistThreshold MtrNm f32 4.92409658	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32 4.92409658 k_TrqLOA_AbsVelThreshold_MtrRadpS_f32 938.560364	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32 -65.0403366	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32 59.2697182	
k_TrqLOA_FallingRampRate_UlspS_f32 -589.874451	
k_TrqLOA_LatAccConversionFactor_Uls_f32 3.38837457	
k_TrqLOA_LimOutput_MtrNm_f32 8.80000019	
k_TrqLOA_MaxScaleFactor_Uls_f32 0.966261983	
k_TrqLOA_MinScaleFactor_UIs_f32	
k_TrqLOA_NomDrvTrq_MtrNm_f32 1.40401399	
k_TrqLOA_RisingRampRate_UlspS_f32 927.330444	
k_TrqLOA_SteerRatio_UIs_f32 61.7236214	
k_TrqLOA_UndersteerGrad_RadpG_f32 0.25 k TrqLOA Wheelbase M f32 0.5	
k_TrqLOA_wheelbase_ivi_is2 0.5 t2_TrqLOA_DiffGainY_Uls_u1p15[0][0] 6554	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0] 8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2] 9503	
12_TrqLOA_DiffGainY_Uls_u1p15[0][3] 9830	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0] 6554	
12_TrqLOA_DiffGainY_UIs_u1p15[1][1] 8192	
12_TrqLOA_DiffGainY_UIs_u1p15[1][2] 9503	
12_TrqLOA_DiffGainY_UIs_u1p15[1][3] 9830	
12_TrqLOA_DiffGainY_Uls_u1p15[2][0] 6554	
12_TrqLOA_DiffGainY_Uls_u1p15[2][1] 8192	
12_TrqLOA_DiffGainY_Uls_u1p15[2][2] 9503	
12_TrqLOA_DiffGainY_Uls_u1p15[2][3] 9830	
12_TrqLOA_DiffGainY_Uls_u1p15[3][0] 6554 12_TrqLOA_DiffGainY_Uls_u1p15[3][1] 8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] 9830	
t2 TrqLOA DiffGainY Uls u1p15[4][0] 6554	
12_TrqLOA_DiffGainY_Uls_u1p15[4][1] 8192	
12_TrqLOA_DiffGainY_UIs_u1p15[4][2] 9503	
12_TrqLOA_DiffGainY_UIs_u1p15[4][3] 9830	
12_TrqLOA_DiffGainY_UIs_u1p15[5][0] 6554	
12_TrqLOA_DiffGainY_Uls_u1p15[5][1] 8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3] 9830	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[6][1] 8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[6][2] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3] 9830	
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0] 6554	
12_TrqLOA_DiffGainY_Uls_u1p15[7][1] 8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2] 9503	
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3] 9830	
t_TrqLOA_DiffGainX_G_u2p14[0] 12288	
t_TrqLOA_DiffGainX_G_u2p14[1] 13271	
t_TrqLOA_DiffGainX_G_u2p14[2] 14909	
t_TrqLOA_DiffGainX_G_u2p14[3] 19661	
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0] 9920	
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] 10240 t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] 10560	
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] 10560 t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3] 10880	
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4] 11200	
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0] 9830	
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1] 13107	
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 16384	
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] 19661	
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 22938	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] 4096	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 4915	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 8192	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 9011	





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	12288		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	22528		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	25805		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	27443		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	32768		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	30720		
t_TrqLOA_X_Kph_u10p6[0]	18496		
t_TrqLOA_X_Kph_u10p6[1]	18560		
t_TrqLOA_X_Kph_u10p6[2]	18624		
t_TrqLOA_X_Kph_u10p6[3]	18688		
t_TrqLOA_X_Kph_u10p6[4]	18752		
t_TrqLOA_X_Kph_u10p6[5]	18816		
t_TrqLOA_X_Kph_u10p6[6]	18880		
t_TrqLOA_X_Kph_u10p6[7]	18944		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	1.86038625		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-195.59465		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	12.1374235		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	211.537384		
Name	Actual Value	Expected Value	Result
TrqLOA LatAccScaleFactor Uls M f32	0.8699193	0.86991936	•
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.0973231718	0.0973231718 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.851862431	0.851862431 ± 0.01	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.91244936	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.150000006	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0315000005	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-4.95014572	
TrqLOA_TloaCmd_MtrNm_M_f32	-6	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.319885492	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	4.55739784	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	959.739197	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-72.0533371	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	26.9691505	
k_TrqLOA_FallingRampRate_UlspS_f32	-541.51355	
k_TrqLOA_LatAccConversionFactor_Uls_f32	8.52130985	
k_TrqLOA_LimOutput_MtrNm_f32	8.51498795	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.482157707	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.80000019	
k_TrqLOA_RisingRampRate_UlspS_f32	377.945801	
k_TrqLOA_SteerRatio_Uls_f32	22.4222202	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	20	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124 12780
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2] t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[2][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[3][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780
t2_TrqLOA_DiffGainY_UIs_u1p15[3][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158 12124
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1] t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12124 12780
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107
t_TrqLOA_DiffGainX_G_u2p14[0]	14090
t_TrqLOA_DiffGainX_G_u2p14[1]	15073
t_TrqLOA_DiffGainX_G_u2p14[2]	17039
t_TrqLOA_DiffGainX_G_u2p14[3]	22938
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	11520
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	11840
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	12160
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	12480 12800
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	25395 28672
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491
t TrqLOA LatAccGain Y MtrNmpG u4p12[6]	32768
t TrqLOA LatAccGain Y MtrNmpG u4p12[7]	33587
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	13107
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	21709
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	23347
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20480
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	26624
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	28262
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	33997 31539
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] t_TrqLOA_X_Kph_u10p6[0]	19008
t_TrqLOA_X_Kph_u10p6[1]	19072
t_TrqLOA_X_Kph_u10p6[2]	19136
t_TrqLOA_X_Kph_u10p6[3]	19200
t_TrqLOA_X_Kph_u10p6[4]	19264
t_TrqLOA_X_Kph_u10p6[5]	19328
t_TrqLOA_X_Kph_u10p6[6]	19392
t_TrqLOA_X_Kph_u10p6[7]	19456
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value

TrqLOA_Per1

2015-06-23, 13:48:37+0530





Name	Input Value			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAv	/ail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACı	md_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSp	eedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSp	eed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-0.739941597			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1			
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-976.868469	-976.868469		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-890.712952	-890.712952		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	225.409424			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.768342674	0.768342674	~	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.0724848881	0.0724848807 ± 0.01	✓	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.714185953	-0.71418643 ± 0.01	~	
TrqLOA_TloaCmd_MtrNm_M_f32	-0.714185953	-0.71418643 ± 0.01	•	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.482157707	0.482157707 ± 0.01	•	
target TrqLOA Per1 TrqLOAAvail Cnt Igc.value	0	0	✓	

-0.714185953

-0.71418643 ± 0.01

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA LatAccScaleFactor UIs M f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.20000003	
FrgLOA LatAccelSV g M Str.K Uls f32	0.0320000015	
TrqLOA ScaledMtrTrqCmd MtrNm M f32	-7.4488926	
TrqLOA_TloaCmd_MtrNm_M_f32	-5.5	
FrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.38082528	
c_TrqLOA_AbsAssistThreshold_MtrNm_f32	4.01863813	
c_TrqLOA_AbsVelThreshold_MtrRadpS_f32	439.142059	
TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-64.187973	
TrqLOA DiffScaleRateLimiterRising UlspS f32	75.3866577	
TrqLOA FallingRampRate UlspS f32	-304.928375	
TrqLOA LatAccConversionFactor Uls f32	0.418666095	
_TrqLOA_LimOutput_MtrNm_f32	5.07386923	
C_TrqLOA_Limoutput_iviinviii_i32	1	
:_TrqLOA_MinScaleFactor_UIs_f32	1	
C_TrqLOA_NomDrvTrq_MtrNm_f32	1.03548336	
:_TrqLOA_RisingRampRate_UlspS_f32	402.346283	
:_TrqLOA_Itteligitalipitate_oispo_ioz	51.4531326	
TrqLOA_SteerNatio_Gis_is2	0.25	
TrqLOA Wheelbase M f32	13.5	
2 TrgLOA DiffGainY Uls u1p15[0][0]	13763	
2_TrqLOA_DiliGainY_Uls_u1p15[0][0] 2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729	
2_TrqLOA_DiliGainY_Uis_u1p15[0][1] 2_TrqLOA_DiffGainY_Uis_u1p15[0][2]	17039	
	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[0][3] 2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763	
	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]		
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763	
2_TrqLOA_DiffGainY_UIs_u1p15[2][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661	
2_TrqLOA_DiffGainY_UIs_u1p15[3][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	17039	
2_TrqLOA_DiffGainY_UIs_u1p15[4][3]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729	
12_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039	
12_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763	





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	17039		
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	19661		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661		
t_TrqLOA_DiffGainX_G_u2p14[0]	15892		
t TrqLOA DiffGainX G u2p14[1]	16876		
t TrqLOA DiffGainX G u2p14[2]	19169		
t_TrqLOA_DiffGainX_G_u2p14[3]	26214		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	13120		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	13440		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	13760		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	14080		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	14400		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107		
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[4]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779		
t TrqLOA LatAccGain Y MtrNmpG u4p12[4]	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	13926		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	22938		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	27443		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	29082		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	35226		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	32358		
t_TrqLOA_X_Kph_u10p6[0]	19520		
t_TrqLOA_X_Kph_u10p6[1]	19584		
	19648		
t_TrqLOA_X_Kph_u10p6[2]			
t_TrqLOA_X_Kph_u10p6[3]	19712		
t_TrqLOA_X_Kph_u10p6[4]	19776		
t_TrqLOA_X_Kph_u10p6[5]	19840		
t_TrqLOA_X_Kph_u10p6[6]	19904		
t_TrqLOA_X_Kph_u10p6[7]	19968		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelA	Authority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpS	SecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelVali	d_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaM	tgtnEn_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_	MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_I		
target Rte Inst Ap TrqLOA.TrqLOA Per1 TrqLOAAvail Cnt Igc	target_TrqLOA_Per1_TrqLOAAvai		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target TrqLOA_Per1_VehicleSpee		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	a_npii_isz	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.487862706		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-4.19902897		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1352.72083		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-249.723404		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	74.2620544		
Name	Actual Value	Expected Value	Result
TrqLOA LatAccScaleFactor Uls M f32	0.871624053	0.871624053	Jourt
TrqLOA LatAccelSV g M Str.SV UIs f32	0.188769668	0.188769668 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.0281592235	-0.0281592179 ± 0.01	-
TrqLOA_TloaCmd_MtrNm_M_f32	-0.0281592235	-0.0281592179 ± 0.01	<u> </u>
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓





Test Step 2.42 (Repeat Count = 1)	✓
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.979087591
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.25
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0324999988
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-1.47503364
TrqLOA_TloaCmd_MtrNm_M_f32	-5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	4.3639822
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	807.052795
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32 k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	-4.07561636 18.7742119
k_TrqLOA_billiogRampRate_UlspS_f32	-720.750061
k_TrqLOA_LatAccConversionFactor_Uls_f32	7.6068635
k TrqLOA LimOutput MtrNm f32	8.7332983
k_TrqLOA_MaxScaleFactor_Uls_f32	0.0215017796
k_TrqLOA_MinScaleFactor_Uls_f32	0.174004555
k_TrqLOA_NomDrvTrq_MtrNm_f32	0
k_TrqLOA_RisingRampRate_UlspS_f32	132.842804
k_TrqLOA_SteerRatio_Uls_f32	24.7302666
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	10.1715307
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333 21299
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2] t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	21299 26214
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367
t2 TrqLOA DiffGainY Uls u1p15[1][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[1][2]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[1][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[3][3]	26214 17367
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[4][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0] t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	17367 19333
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	26214
t_TrqLOA_DiffGainX_G_u2p14[0]	17695
t_TrqLOA_DiffGainX_G_u2p14[1]	18678
t_TrqLOA_DiffGainX_G_u2p14[2]	21299
t_TrqLOA_DiffGainX_G_u2p14[3]	29491
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	14720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	15040
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	15360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	15680 16000
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4096		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	8192		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	14336		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	15974		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	17613		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	22528		
t_TrqLOA_X_Kph_u10p6[0]	20032		
t_TrqLOA_X_Kph_u10p6[1]	20096		
t_TrqLOA_X_Kph_u10p6[2]	20160		
t_TrqLOA_X_Kph_u10p6[3]	20224		
t_TrqLOA_X_Kph_u10p6[4]	20288		
t_TrqLOA_X_Kph_u10p6[5]	20352		
t_TrqLOA_X_Kph_u10p6[6]	20416		
t_TrqLOA_X_Kph_u10p6[7]	20480		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe	ed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-3.35405445		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-318.20462		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-97.0698242		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	312.297913		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.970936358	0.970936358	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.233417615	0.233417615 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.2711339	-0.2711339 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	-0.2711339	-0.2711339 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.558499813	0.558499873 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	-0.2711339	-0.2711339 ± 0.01	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.094681859	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.30000012	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0329999998	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	7.25802565	
TrqLOA_TloaCmd_MtrNm_M_f32	-4.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.681339085	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.70325565	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	970.150208	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-63.1004982	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	93.1288223	
k_TrqLOA_FallingRampRate_UlspS_f32	-667.898804	
k_TrqLOA_LatAccConversionFactor_Uls_f32	1.29521966	
k_TrqLOA_LimOutput_MtrNm_f32	4.88429594	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.3448807	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.80000019	
k_TrqLOA_RisingRampRate_UlspS_f32	716.946899	
k_TrqLOA_SteerRatio_Uls_f32	42.5392456	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	0.908727586	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
t2 TrqLOA DiffGainY Uls u1p15[0][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[1][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[2][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226 655
t2_TrqLOA_DiffGainY_UIs_u1p15[4][0]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915
t2_TrqLOA_DiliGainY_Uls_u1p15[4][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	655
t2 TrqLOA DiffGainY Uls u1p15[5][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226
t2 TrqLOA DiffGainY Uls u1p15[6][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	6226
t_TrqLOA_DiffGainX_G_u2p14[0]	328
t_TrqLOA_DiffGainX_G_u2p14[1]	1229
t_TrqLOA_DiffGainX_G_u2p14[2]	2458
t_TrqLOA_DiffGainX_G_u2p14[3]	3113
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	16320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	16640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	16960
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	17280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	17600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277 6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096
t TrqLOA LatAccGain Y MtrNmpG u4p12[1]	4915
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4915
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	9421
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15155
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16384
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	18432
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20070
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	21709
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	23347
t_TrqLOA_X_Kph_u10p6[0]	20544
t_TrqLOA_X_Kph_u10p6[1]	20608
t_TrqLOA_X_Kph_u10p6[2]	20672
t_TrqLOA_X_Kph_u10p6[3]	20736
t_TrqLOA_X_Kph_u10p6[4]	20800
t_TrqLOA_X_Kph_u10p6[5]	20864
t_TrqLOA_X_Kph_u10p6[6]	20928
t_TrqLOA_X_Kph_u10p6[7]	20992
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target Rte Inst An Tral OA Tral OA Dard Lather Machack for	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value



TrqLOA_Per1

Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_H	wDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_	_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_	_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeed	IValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed	I_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.212739348		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	5.64538431		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1608.55676		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-403.709808		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	340.409088		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.190002441	0.190002441	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.268322796	0.268322766 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.3448807	0.3448807 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓

0

0 ± 0.01

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA LatAccScaleFactor Uls M f32	0.255101204	
TrqLOA LatAccelSV g M Str.SV Uls f32	0.34999994	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0335000008	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	2.23246837	
TrqLOA TloaCmd MtrNm M f32	-4	
TrqLOA TrqBasedScaleFactor Uls M f32	2	
<pre><_TrqLOA_AbsAssistThreshold_MtrNm_f32</pre>	3.87201977	
TrgLOA AbsVelThreshold MtrRadpS f32	621.806824	
TrgLOA DiffScaleRateLimiterFalling UlspS f32	-54.2749367	
<pre><_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32</pre>	49.2006645	
k_TrqLOA_FallingRampRate_UlspS_f32	-308.173584	
k TrgLOA_r allingreampreace_oispo_is2	6.49005699	
k TrqLOA_Lanceconiversion actor_ois_i52	4,23094845	
k_TrqLOA_EIIIIOutput_MtrNiii_i32	1	
<pre><_frqLOA_MinScaleFactor_Uls_f32</pre>	0.978592157	
k TrgLOA NomDrvTrg MtrNm f32	7.5	
k TrgLOA RisingRampRate UlspS f32	75.7910156	
<pre><_rrqLOA_SteerRatio_Uls_f32</pre>	19.941164	
TrqLOA_Gleentallo_Gis_lo2 TrqLOA UndersteerGrad RadpG f32	0.25	
TrqLOA Wheelbase M f32	17.449913	
12 TrqLOA_VIIIccibasc_M_IS2 12 TrqLOA DiffGainY Uls u1p15[0][0]	6554	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830	
2 TrqLOA_DiffGainY_UIs_u1p15[0][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192	
2 TrqLOA_DiffGainY_UIs_u1p15[1][2]	9503	
2 TrqLOA_DiffGainY_Uls_u1p15[1][2]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	8192	
	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2] 2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554	
	8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]		
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192	
I2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503	
I2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[6][0] © Report created by TESSY V3.2.5, report template V2.4	6554	

 $\ensuremath{\texttt{©}}$ Report created by TESSY V3.2.5, report template V2.4

2015-06-23, 13:48:37+0530





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	6554		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503		
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	9830		
t_TrqLOA_DiffGainX_G_u2p14[0]	3277		
t_TrqLOA_DiffGainX_G_u2p14[1] t_TrqLOA_DiffGainX_G_u2p14[2]	4096 4751		
t_TrqLOA_DiffGainX_G_u2p14[2]	4915		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	17920		
t TrqLOA HighSpeedTrqBlend X Kph u10p6[1]	18240		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	18560		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	18880		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	19200		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299 24576		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
t TrqLOA LatAccGain Y MtrNmpG u4p12[5]	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	5734		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	10650		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15974		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16794		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	22938		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24166		
t_TrqLOA_X_Kph_u10p6[0] t_TrqLOA_X_Kph_u10p6[1]	21056 21120		
t_TrqLOA_X_Kph_u10p6[2]	21184		
t TrqLOA X Kph u10p6[3]	21248		
t_TrqLOA_X_Kph_u10p6[4]	21312		
t_TrqLOA_X_Kph_u10p6[5]	21376		
t_TrqLOA_X_Kph_u10p6[6]	21440		
t_TrqLOA_X_Kph_u10p6[7]	21504		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwheel	IAuthority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelVa	*	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaN		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_RelHwPos_ target_TrqLOA_Per1_TrqLOAAva		
target Rte Inst Ap TrqLOA.TrqLOA Per1 TrqLOACmd MtrNm f32	target TrqLOA Per1 TrqLOACm		
target Rte Inst Ap TrqLOA.TrqLOA Per1 VehicleSpeedValid Cnt Iqc	target_TrqLOA_Per1_VehicleSpe		
target Rte Inst Ap TrqLOA.TrqLOA Per1 VehicleSpeed Kph f32	target_TrqLOA_Per1_VehicleSpe		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-4.76852036		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1508.21985		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	937.685364		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	301.419312	I=	1_
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_UIs_M_f32	0.299987793	0.299987793	•
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32 TrgLOA_ScaledMtrTrgCmd_Mtrblm_M_f32	0.438464224	0.438464224 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.209976807	0.209976807 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	0.209976807	0.209976807 ± 0.01	
Trol OA TroBasedScaleEactor Uls M f32	1 38365281	1 38365281 + 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	1.38365281	1.38365281 ± 0.01	•





Test Step 2.45 (Repeat Count = 1)	I. AVA
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.627236724
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.40000006
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0340000018
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	3.77577853
TrqLOA_TloaCmd_MtrNm_M_f32	-3.5 2
TrqLOA_TrqBasedScaleFactor_Uls_M_f32 k_TrqLOA_AbsAssistThreshold_MtrNm_f32	0
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	430.677612
k_TrqLOA_AusverTheshold_wittRadpS_f32	-62.066864
k TrqLOA DiffScaleRateLimiterRising UlspS f32	66.5156021
k TrqLOA FallingRampRate UlspS f32	-752.498779
k_TrqLOA_LatAccConversionFactor_Uls_f32	1.46957707
k_TrqLOA_LimOutput_MtrNm_f32	5.42955256
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	0.877906442
k_TrqLOA_NomDrvTrq_MtrNm_f32	1.68681836
k_TrqLOA_RisingRampRate_UlspS_f32	354.976929
k_TrqLOA_SteerRatio_Uls_f32	63.9988365
k_TrqLOA_UndersteerGrad_RadpG_f32	0.223930106
k_TrqLOA_Wheelbase_M_f32	5.41177559
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158 12124
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2] t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780
t2 TrgLOA DiffGainY Uls u1p15[7][3]	13107
t_TrqLOA_DiffGainX_G_u2p14[0]	5079
t_TrqLOA_DiffGainX_G_u2p14[1]	6062
t_TrqLOA_DiffGainX_G_u2p14[2]	6390
t_TrqLOA_DiffGainX_G_u2p14[3]	6554
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	19520
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	19840
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	20160
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	20480
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	20800
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779





Name	Input Value			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	6554			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	11878			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	16794			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17203			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20070			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	21709			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	24166			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24986			
t_TrqLOA_X_Kph_u10p6[0]	21568			
t_TrqLOA_X_Kph_u10p6[1]	21632			
t_TrqLOA_X_Kph_u10p6[2]	21696			
t_TrqLOA_X_Kph_u10p6[3]	21760			
t_TrqLOA_X_Kph_u10p6[4]	21824			
t_TrqLOA_X_Kph_u10p6[5]	21888			
t_TrqLOA_X_Kph_u10p6[6]	21952			
t_TrqLOA_X_Kph_u10p6[7]	22016			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelA	uthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpS	ecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpee	dValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	d_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_UIs_f32.value	1			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-8.84254169			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0			
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1398.72522			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-974.238525			
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	122.357391			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.503103018	0.503103018	•	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.352928221	0.352928221 ± 0.01	•	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.0706770122	-0.0706770048 ± 0.01	•	
TrqLOA_TloaCmd_MtrNm_M_f32	-0.0706770122	-0.0706770048 ± 0.01	•	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.877906442	0.877906442 ± 0.01	•	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	-0.0706770122	-0.0706770048 ± 0.01		

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.8256495	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.449999988	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0344999991	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	1.3834337	
TrqLOA_TloaCmd_MtrNm_M_f32	-3	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.203701377	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	10	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	145.48053	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-50.5578461	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	99.1669159	
k_TrqLOA_FallingRampRate_UlspS_f32	-886.137207	
k_TrqLOA_LatAccConversionFactor_Uls_f32	0.507670462	
k_TrqLOA_LimOutput_MtrNm_f32	8.40555477	
k_TrqLOA_MaxScaleFactor_Uls_f32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	0.0602126122	
k_TrqLOA_NomDrvTrq_MtrNm_f32	5.57137871	
k_TrqLOA_RisingRampRate_UlspS_f32	383.702087	
k_TrqLOA_SteerRatio_Uls_f32	96.7855377	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	19.7386818	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729 17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2] t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729
t2_TrqLOA_DiffGainY_UIs_u1p15[4][2] t2_TrqLOA_DiffGainY_UIs_u1p15[4][3]	17039 19661
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763
t2 TrqLOA DiffGainY Uls u1p15[5][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	17039
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661
t_TrqLOA_DiffGainX_G_u2p14[0] t_TrqLOA_DiffGainX_G_u2p14[1]	6881 7864
t_TrqLOA_DiffGainX_G_u2p14[1]	8520
t_TrqLOA_DiffGainX_G_u2p14[3]	9830
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	21120
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	21440
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	21760
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	22080
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	22400
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	16384 53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	7373
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	13107
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	17613
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17613
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20890 22528
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	22528 25395
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	25805
t_TrqLOA_X_Kph_u10p6[0]	22080
t_TrqLOA_X_Kph_u10p6[1]	22144
t_TrqLOA_X_Kph_u10p6[2]	22208
t_TrqLOA_X_Kph_u10p6[3]	22272
t_TrqLOA_X_Kph_u10p6[4]	22336
t_TrqLOA_X_Kph_u10p6[5]	22400
t_TrqLOA_X_Kph_u10p6[6]	22464
t_TrqLOA_X_Kph_u10p6[7]	22528
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_igc	target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value





Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_Hv	vDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_	Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_	MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeed	Valid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed	_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.0314078331		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	3.01422715		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1739.23352		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	300.68573		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	491.636902		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.724533796	0.724533796	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.441659391	0.441659391 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	~
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	~
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.0602126122	0.0602126122 ± 0.01	✓
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓

0

0 ± 0.01

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
rgLOA LatAccScaleFactor Uls M f32	0.660953164	
rqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.5	
rgLOA LatAccelSV g M Str.K Uls f32	0.0350000001	
rgLOA ScaledMtrTrgCmd MtrNm M f32	5.33521175	
rqLOA_TloaCmd_MtrNm_M_f32	-2.5	
rqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.281446397	
f32	4.5	
	261.013611	
TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-81.0471191	
TrqLOA DiffScaleRateLimiterRising UlspS f32	18.8620987	
TrqLOA FallingRampRate UlspS f32	-402.1922	
TrqLOA LatAccConversionFactor Uls f32	4.45717812	
TrqLOA_LimOutput_MtrNm_f32	6.09960651	
_TrqLOA_MaxScaleFactor_Uls_f32	0.218074918	
	1	
rrqLOA_NomDrvTrq_MtrNm_f32	4.11426783	
rrqL0A_RisingRampRate_UlspS_f32	889.365356	
	22.2962933	
: TrqLOA UndersteerGrad RadpG f32	0.25	
TrqLOA Wheelbase M f32	15.2142324	
2 TrgLOA DiffGainY Uls u1p15[0][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214	
2_rrqLOA_biirGairY_bis_u1p15[7][0] 2_rrqLOA_bifGairY_bis_u1p15[2][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1] 2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2] 2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214	
	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3] 2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367	
z_frqLOA_biliGalifY_bis_u1p15[4][b] 2 TrqLOA_biffGainY_bis_u1p15[4][1]	19333	
	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214 17367	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]		
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333 21299	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]		
2_TrqLOA_DiffGainY_Uls_u1p15[5][3] 2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	26214 17367	

2015-06-23, 13:48:37+0530





Namo	Innut Value		
Name	Input Value		
t2_TrqLOA_DiffGainY_UIs_u1p15[6][1]	19333		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299		
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	26214		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	21299		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214		
t_TrqLOA_DiffGainX_G_u2p14[0]	8684		
t_TrqLOA_DiffGainX_G_u2p14[1]	9667		
t_TrqLOA_DiffGainX_G_u2p14[2]	10650		
t_TrqLOA_DiffGainX_G_u2p14[3]	13107		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	22720		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	23040		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	23360		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	23680		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	24000		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554		
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[2]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384		
t_TrqLOA_ingrispeed rqbiend_r_bis_drp15[4]	4096		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	8192		
	9011		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	8192		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	14336		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	18432		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18022		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	26624		
t_TrqLOA_X_Kph_u10p6[0]	22592		
t_TrqLOA_X_Kph_u10p6[1]	22656		
t_TrqLOA_X_Kph_u10p6[2]	22720		
t TrqLOA X Kph u10p6[3]	22784		
t_TrqLOA_X_Kph_u10p6[4]	22848		
t_TrqLOA_X_Kph_u10p6[5]	22912		
t_TrqLOA_X_Kph_u10p6[6]	22976		
t_TrqLOA_X_Kph_u10p6[7]	23040		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAut	hority I lle f32	
target Rte Inst Ap TrqLOA.TrqLOA Per1 LatAcc MpSecSq f32			
	target_TrqLOA_Per1_LatAcc_MpSec		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_	- - •	
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgt		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_Mt	. –	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_Hw		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_0		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_N		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeed\	/alid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_	Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-6.52269268		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1319.78271		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	228.642914		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	495.51712		
Name	Actual Value	Expected Value	Result
		·	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.698677361	0.698677361	
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.506791711	0.506791711 ± 0.01	Y
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	~
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	1	1	-

0

0 ± 0.01

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value





Test Step 2.48 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target Rte Inst Ap TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.738416195
TrgLOA LatAccelSV g M Str.SV Uls f32	0.550000012
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0355000012
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-8.80000019
TrqLOA_TloaCmd_MtrNm_M_f32	-2
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.85944247
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	8.13665009
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	70.0263748
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-8.00514412
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	99.516716 -163.67894
k_TrqLOA_FallingRampRate_UlspS_f32 k_TrqLOA_LatAccConversionFactor_Uls_f32	10
k TrqLOA LimOutput MtrNm f32	2.33877659
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	1.78339124
k_TrqLOA_RisingRampRate_UlspS_f32	36.7966118
k_TrqLOA_SteerRatio_Uls_f32	17.9014683
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	14.6375256
t2_TrqLOA_DiffGainY_UIs_u1p15[0][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[0][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915
t2_TrqLOA_DiffGainY_UIs_u1p15[0][3]	6226 655
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0] t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[4][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	2458 4915
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655 2458
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1] t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915
t2_TrqLOA_DiliGainY_Uls_u1p15[7][3]	6226
t_TrqLOA_DiffGainX_G_u2p14[0]	10486
t_TrqLOA_DiffGainX_G_u2p14[1]	11469
t_TrqLOA_DiffGainX_G_u2p14[2]	12780
t_TrqLOA_DiffGainX_G_u2p14[3]	16384
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	960
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	1280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	1600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277 6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395

TrqLOA_Per1





Name	Input Value	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9011	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	15565	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	19251	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18432	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	22528	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24166	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	27853	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	27443	
t_TrqLOA_X_Kph_u10p6[0]	23104	
t_TrqLOA_X_Kph_u10p6[1]	23168	
t_TrqLOA_X_Kph_u10p6[2]	23232	
t_TrqLOA_X_Kph_u10p6[3]	23296	
t_TrqLOA_X_Kph_u10p6[4]	23360	
t_TrqLOA_X_Kph_u10p6[5]	23424	
t_TrqLOA_X_Kph_u10p6[6]	23488	
t_TrqLOA_X_Kph_u10p6[7]	23552	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_UIs_f32.value	0.200104475	
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-4.82459116	
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1	
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0	
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1454.8761	
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	67.0191269	
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1	
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	444.720215	
Name	Actual Value Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.72240591 0.72240591	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.539416969 0.539416969 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.101881564 0.101881497 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0.101881564 0.101881497 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.53208458	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	
target TrqLOA Per1 TrqLOACmd MtrNm f32.value	0.101881564 0.101881497 ± 0.01	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.60000024	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0359999985	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	8.80000019	
TrqLOA_TloaCmd_MtrNm_M_f32	-1.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.84868562	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	1.36437917	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	363.839569	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-51.9160385	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	54.2698441	
k_TrqLOA_FallingRampRate_UlspS_f32	-757.576233	
k_TrqLOA_LatAccConversionFactor_Uls_f32	5.96104193	
k_TrqLOA_LimOutput_MtrNm_f32	8.29478836	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.954571128	
k_TrqLOA_MinScaleFactor_Uls_f32	0.385347486	
k_TrqLOA_NomDrvTrq_MtrNm_f32	6.22014856	
k_TrqLOA_RisingRampRate_UlspS_f32	288.427185	
k_TrqLOA_SteerRatio_Uls_f32	83.423584	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	1.1615597	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554	

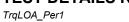




Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192
t2 TrqLOA DiffGainY Uls u1p15[0][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	6554
t2_TrqLOA_DiffGainY_UIs_u1p15[1][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503
t2_TrqLOA_DiffGainY_UIs_u1p15[2][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[3][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192
t2_TrqLOA_DiffGainY_UIs_u1p15[3][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830
t_TrqLOA_DiffGainX_G_u2p14[0]	12288
t_TrqLOA_DiffGainX_G_u2p14[1]	13271
t_TrqLOA_DiffGainX_G_u2p14[2]	14909
t_TrqLOA_DiffGainX_G_u2p14[3]	19661
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	1920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	2240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	2560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	2880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	3200
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779 45056
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49152 49971
t_IrqLOA_tatAccGain_Y_mtrNmpG_u4p12[7] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9830
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	16794 20070
t_rqLOA_rempTrqCmdSatYTbl_MtrNm_u4p12[2] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18842
t_rrqLOA_rempTrqCmdSatYTbl_MtrNm_u4p12[3] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	23347
t_rqLOA_rempTrqCmdSatYTbl_MtrNm_u4p12[4] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24986
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	29082
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	28262
t_TrqLOA_YenipTrqCindSat115i_widWin_u4p12[7]	23616
t_TrqLOA_X_Kph_u10p6[1]	23680
t_TrqLOA_X_Kph_u10p6[2]	23744
t_TrqLOA_X_Kph_u10p6[3]	23808
t_TrqLOA_X_Kph_u10p6[4]	23872
t_TrqLOA_X_Kph_u10p6[5]	23936
t_TrqLOA_X_Kph_u10p6[6]	24000
t_TrqLOA_X_Kph_u10p6[7]	24064
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
	target TrgLOA Per1 LatAcc MpSecSg f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value

2015-06-23, 13:48:37+0530





Name	Input Value			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_I	HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvai	I_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmo	_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpee	dValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	d_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.20604527			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	1.25657976			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1630.51721	1630.51721		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-941.165222	-941.165222		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	42.5796814			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.896167934	0.896167934	~	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.557012975	0.557012916 ± 0.01	✓	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.27183127	-1.27183115 ± 0.01	✓	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓	
		Table 2 and 10 a		

0

0 ± 0.01

Test Step 2.50 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.649999976	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0364999995	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	2.5	
TrqLOA_TloaCmd_MtrNm_M_f32	-1	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.81958282	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	4.57627153	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	757.782959	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-98.6409302	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	48.0470161	
k_TrqLOA_FallingRampRate_UlspS_f32	-904.874451	
k_TrqLOA_LatAccConversionFactor_Uls_f32	5.27001953	
k_TrqLOA_LimOutput_MtrNm_f32	0.89368403	
k_TrqLOA_MaxScaleFactor_Uls_f32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	0.102830887	
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.80000019	
k_TrqLOA_RisingRampRate_UlspS_f32	383.200195	
k_TrqLOA_SteerRatio_Uls_f32	23.5942974	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	14.1764631	
t2 TrqLOA DiffGainY UIs u1p15[0][0]	10158	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107	
t2 TrqLOA DiffGainY Uls u1p15[1][0]	10158	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780	
t2 TrgLOA DiffGainY Uls u1p15[1][3]	13107	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107	
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158	
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124	
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780	
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158	
© Report created by TESSY V3.2.5, report template V2.4	10.00	9

@ Report created by TESSY V3.2.5, report template V2.4

2015-06-23, 13:48:37+0530

TrqLOA_Per1



Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124		
t2 TrqLOA DiffGainY Uls u1p15[6][2]	12780		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107		
t_TrqLOA_DiffGainX_G_u2p14[0]	14090		
t_TrqLOA_DiffGainX_G_u2p14[1]	15073		
t_TrqLOA_DiffGainX_G_u2p14[2]	17039		
t_TrqLOA_DiffGainX_G_u2p14[3]	22938		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	3520		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	3840		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	4160		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	4480		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	4800		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384		
t TrqLOA_nightspeed rqbierid_Y_ois_u1p15[4]	53248		
t TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067		
t TrqLOA_LatAccGain_Y MtrNmpG_u4p12[1]	56115		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163		
t TrqLOA LatAccGain Y MtrNmpG u4p12[5]	60211		
t TrqLOA LatAccGain Y MtrNmpG u4p12[6]	60621		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	10650		
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[1]	18022		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	25805		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	30310		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29082		
t_TrqLOA_X_Kph_u10p6[0]	24128		
t_TrqLOA_X_Kph_u10p6[1]	24192		
t_TrqLOA_X_Kph_u10p6[2]	24256		
t_TrqLOA_X_Kph_u10p6[3]	24320		
t_TrqLOA_X_Kph_u10p6[4]	24384		
t_TrqLOA_X_Kph_u10p6[5]	24448		
t_TrqLOA_X_Kph_u10p6[6]	24512		
t_TrqLOA_X_Kph_u10p6[7]	24576		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwheel	,	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mps		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelVal		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaM		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_MtrVelCRF_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_RelHwPos_ target TrqLOA Per1 TrqLOAAva		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target TrqLOA Per1 TrqLOACmo		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_withvin_isz target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpec		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpec		
target TrqLOA Per1 HandwheelAuthority Uls f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-9.82586098		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	87.9351654		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	434.492554		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	320.595032		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.802718163	0.802718163	
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.670124829	0.670124829 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.107311517	0.10731151 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	0.107311517	0.10731151 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.102830887	0.102830887 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
	T		

0.107311517

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value

0.10731151 ± 0.01





Test Step 2.51 (Repeat Count = 1)	Innut Value
Name	Input Value
Rte_Inst_Ap_TrqLOA TrqLOA_LatAccScaleFactor_Uls_M_f32	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.100000001
TrqLOA LatAccelSV g M Str.K Uls f32	0.0370000005
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0
TrqLOA_TloaCmd_MtrNm_M_f32	-0.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.87937516
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	9.81785297
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	441.991272
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-60.6560135
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	57.0433273
k_TrqLOA_FallingRampRate_UlspS_f32	-994.822144
k_TrqLOA_LatAccConversionFactor_Uls_f32	3.58490086
k_TrqLOA_LimOutput_MtrNm_f32 k_TrqLOA_MaxScaleFactor_Uls_f32	8.23370457 0.558134675
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.80000019
k_TrqLOA_RisingRampRate_UlspS_f32	740.574463
k_TrqLOA_SteerRatio_Uls_f32	11.6209812
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	9.96448612
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661 13763
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0] t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729
t2_TrqLOA_DiliGainY_Uls_u1p15[2][1] t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2] t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	17039 19661
t2_TrqLOA_DiliGainY_Uls_u1p15[6][0] t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661
t_TrqLOA_DiffGainX_G_u2p14[0]	15892
t_TrqLOA_DiffGainX_G_u2p14[1]	16876
t_TrqLOA_DiffGainX_G_u2p14[2]	19169
t_TrqLOA_DiffGainX_G_u2p14[3]	26214
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	5120
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	5440
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	5760 6080
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	6400
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	11469		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19661		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24986		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	31539		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29901		
t_TrqLOA_X_Kph_u10p6[0]	24640		
t_TrqLOA_X_Kph_u10p6[1]	24704		
t_TrqLOA_X_Kph_u10p6[2]	24768		
t_TrqLOA_X_Kph_u10p6[3]	24832		
t_TrqLOA_X_Kph_u10p6[4]	24896		
t_TrqLOA_X_Kph_u10p6[5]	24960		
t_TrqLOA_X_Kph_u10p6[6]	25024		
t_TrqLOA_X_Kph_u10p6[7]	25088		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACm	d_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpe	edValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe	ed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.568960547		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	5.87574673		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1670.92468		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-371.607391		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	319.767731		
Name	Actual Value	Expected Value	Result
TrgLOA LatAccScaleFactor UIs M f32	0.878687978	0.878687978	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.0175995529	0.0175995585 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	
TrgLOA TloaCmd MtrNm M f32	0	0 ± 0.01	
TrqLOA TrqBasedScaleFactor Uls M f32	0.601773798	0.601773739 ± 0.01	٠,
target TrqLOA Per1 TrqLOAAvail Cnt Igc.value	0	0	
target TrqLOA Per1 TrqLOACmd MtrNm f32.value	0	0 ± 0.01	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.150000006	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0375000015	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-4.5	
TrqLOA_TloaCmd_MtrNm_M_f32	0	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.77383447	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	730.688354	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-76.3539963	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	52.7584305	
k_TrqLOA_FallingRampRate_UlspS_f32	-193.01442	
k_TrqLOA_LatAccConversionFactor_Uls_f32	8.3335619	
k_TrqLOA_LimOutput_MtrNm_f32	0.79102397	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.12011385	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	4.56076574	
k_TrqLOA_RisingRampRate_UlspS_f32	183.309341	
k_TrqLOA_SteerRatio_Uls_f32	65.6744766	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	19.3209667	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333 21299
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2] t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[2][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299 26214
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3] t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	26214
t_TrqLOA_DiffGainX_G_u2p14[0]	17695 18678
t_TrqLOA_DiffGainX_G_u2p14[1] t_TrqLOA_DiffGainX_G_u2p14[2]	21299
t_TrqLOA_DiffGainX_G_u2p14[3]	29491
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	6720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	7040
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	7360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	7680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	8000
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] t TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	20480 21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395
t TrqLOA LatAccGain Y MtrNmpG u4p12[4]	28672
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	12288
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	20480
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	22528
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20070
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	25805
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	27443
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	32768 30720
t_TrqLOA_X_Kph_u10p6[0]	64
t_TrqLOA_X_Kph_u10p6[1]	128
t_TrqLOA_X_Kph_u10p6[2]	192
t_TrqLOA_X_Kph_u10p6[3]	256
t_TrqLOA_X_Kph_u10p6[4]	320
t_TrqLOA_X_Kph_u10p6[5]	384
t_TrqLOA_X_Kph_u10p6[6]	448
t_TrqLOA_X_Kph_u10p6[7]	512
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_Igc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc



TrqLOA_Per1

Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCF	F_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPo	s_HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAA	vail_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOAC	md_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleS	peedValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleS	peed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.0912983418		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-0.404431581		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0	0	
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1	1	
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	509.9104	509.9104	
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	963.509521	963.509521	
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	94.5933838		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.847292006	0.847292006	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.162682906	0.162682906 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	~
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.61397111	1.61397111 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	~

meInst_Ap_TrqLOA LOA_LatAccScaleFactor_Uls_M_f32 LOA_LatAcceISV_g_M_Str.SV_Uls_f32 LOA_LatAcceISV_g_M_Str.K_Uls_f32 LOA_LatAcceISV_g_M_Str.K_Uls_f32 LOA_ScaledMtrTrqCmd_MtrNm_M_f32	Input Value target_Rte_Inst_Ap_TrqLOA 1 0.200000003 0.0379999988 -4.0950346
LOA_LatAccScaleFactor_Uls_M_f32 LOA_LatAccelSV_g_M_Str.SV_Uls_f32 LOA_LatAccelSV_g_M_Str.K_Uls_f32	1 0.200000003 0.0379999988
LOA_LatAcceISV_g_M_Str.SV_UIs_f32 LOA_LatAcceISV_g_M_Str.K_UIs_f32	0.200000003 0.0379999988
LOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0379999988
LOA_ScaledMit ITqCIIId_MitNIII_M_132	-4.0950346
OA Tlag Cond Markley M 522	0.5
LOA_TloaCmd_MtrNm_M_f32 LOA_TrqBasedScaleFactor_Uls_M_f32	1.01458454
	5.92621326
rqLOA_AbsAssistThreshold_MtrNm_f32	0.92021320
rqLOA_AbsVelThreshold_MtrRadpS_f32	·
rqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-2.09286475
rqLOA_DiffScaleRateLimiterRising_UlspS_f32	16.4385033
rqLOA_FallingRampRate_UlspS_f32	-2.64375544
rqLOA_LatAccConversionFactor_Uls_f32	7.95141554
rqLOA_LimOutput_MtrNm_f32	0.824423671
rqLOA_MaxScaleFactor_Uls_f32	0.766085505
rqLOA_MinScaleFactor_Uls_f32	0.474400163
rqLOA_NomDrvTrq_MtrNm_f32	5.01073074
rqLOA_RisingRampRate_UlspS_f32	998.71936
rqLOA_SteerRatio_Uls_f32	17.8633633
rqLOA_UndersteerGrad_RadpG_f32	0.25
rqLOA_Wheelbase_M_f32	4.93362379
TrqLOA_DiffGainY_Uls_u1p15[0][0]	655
TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915
TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226
TrqLOA_DiffGainY_Uls_u1p15[1][0]	655
TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915
TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
TrqLOA_DiffGainY_Uls_u1p15[2][0]	655
TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915
TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915
TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226
TrqLOA_DiffGainY_Uls_u1p15[4][0]	655
TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458
TrgLOA DiffGainY Uls u1p15[4][2]	4915
TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226
TrqLOA_DiffGainY_Uls_u1p15[5][0]	655
TrqLOA_DiffGainY_UIs_u1p15[5][1]	2458
TrqLOA_DiffGainY_UIs_u1p15[5][2]	4915
TrqLOA_DiffGainY_UIs_u1p15[5][3]	6226
TrqLOA_DiffGainY_UIs_u1p15[6][0]	655
eport created by TESSY V3.2.5, report template V2.4	

2015-06-23, 13:48:37+0530

TrqLOA_Per1



Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915		
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	6226		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655		
t2_TrqLOA_DiffGainY_UIs_u1p15[7][1]	2458		
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	4915		
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	6226		
t_TrqLOA_DiffGainX_G_u2p14[0]	328		
t TrqLOA DiffGainX G u2p14[1]	1229		
t_TrqLOA_DiffGainX_G_u2p14[1]	2458		
	3113		
t_TrqLOA_DiffGainX_G_u2p14[3]	8320		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	8640		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	8960		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	9280		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]			
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	9600		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	13107		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	28262		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	33997		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	31539		
t_TrqLOA_X_Kph_u10p6[0]	576		
t_TrqLOA_X_Kph_u10p6[1]	640		
t_TrqLOA_X_Kph_u10p6[2]	704		
t_TrqLOA_X_Kph_u10p6[3]	768		
t TrqLOA X Kph u10p6[4]	832		
_ , , , , ,	896		
t_TrqLOA_X_Kph_u10p6[5]			
t_TrqLOA_X_Kph_u10p6[6]	960		
t_TrqLOA_X_Kph_u10p6[7]	1024		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.591545701		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-5.60033464		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1996.67395		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-417.604858		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	269.085175		
Name	Actual Value	Expected Value	Result
TrqLOA LatAccScaleFactor Uls M f32	0.995814264	0.995814264	Rosult
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.132457942	0.132457957 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-3.83386064	-3.83386064 ± 0.01	
	-0.824423671		
TrqLOA_TloaCmd_MtrNm_M_f32 TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.00929701	-0.824423671 ± 0.01 1.00929701 ± 0.01	
	0	1.00929701 ± 0.01	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value			
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	-0.824423671	-0.824423671 ± 0.01	





Test Step 2.54 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target Rte Inst Ap TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	1
TrgLOA LatAccelSV g M Str.SV Uls f32	0.25
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0384999998
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.533717394
TrqLOA_TloaCmd_MtrNm_M_f32	1
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.762170672
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	8.22060299
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	1000
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-60.1902962
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	14.1096458
k_TrqLOA_FallingRampRate_UlspS_f32	-916.19989 4.97509384
k_TrqLOA_LatAccConversionFactor_Uls_f32 k_TrqLOA_LimOutput_MtrNm_f32	3.29564786
k_TrqLOA_MaxScaleFactor_Uls_f32	0.707442999
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	4.27512932
k_TrqLOA_RisingRampRate_UlspS_f32	58.0827904
k_TrqLOA_SteerRatio_Uls_f32	11.9985943
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	16.0181084
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	6554
t2_TrqLOA_DiffGainY_UIs_u1p15[1][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2] t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9503 9830
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	6554
t2_TrqLOA_DiffGainY_UIs_u1p15[4][1]	8192
t2_TrqLOA_DiffGainY_UIs_u1p15[4][2]	9503 9830
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3] t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	6554
t2_TrqLOA_DiffGainY_UIs_u1p15[7][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3] t_TrqLOA_DiffGainX_G_u2p14[0]	9830 3277
t_TrqLOA_DiffGainX_G_u2p14[1]	4096
t TrqLOA DiffGainX G u2p14[2]	4751
t_TrqLOA_DiffGainX_G_u2p14[3]	4915
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	9920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	10240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	10560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	10880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	11200
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107 16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_HighSpeedTrqBiend_Y_Ois_u1p15[4] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	13926		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	22938		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	27443		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	29082		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	35226		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	32358		
t_TrqLOA_X_Kph_u10p6[0]	1088		
t_TrqLOA_X_Kph_u10p6[1]	1152		
t_TrqLOA_X_Kph_u10p6[2]	1216		
t_TrqLOA_X_Kph_u10p6[3]	1280		
t_TrqLOA_X_Kph_u10p6[4]	1344		
t_TrqLOA_X_Kph_u10p6[5]	1408		
t_TrqLOA_X_Kph_u10p6[6]	1472		
t_TrqLOA_X_Kph_u10p6[7]	1536		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.764021397		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-3.21581197		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1167.25403		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-270.033112		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	192.703552		
Name	Actual Value	Expected Value	Result
TrgLOA LatAccScaleFactor UIs M f32	0.87961942	0.87961942	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.190765619	0.190765619 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0	0 ± 0.01	
TrgLOA TloaCmd MtrNm M f32	-0	0 ± 0.01	
TrqLOA TrqBasedScaleFactor Uls M f32	-0.646005094	-0.646005094 ± 0.01	
target TrqLOA Per1 TrqLOAAvail Cnt Igc.value	0	0	
target TrgLOA Per1 TrqLOACmd MtrNm f32.value	-0	0 ± 0.01	

Test Step 2.55 (Repeat Count = 1)		✓
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.637695909	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.300000012	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0390000008	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	3.97543454	
TrqLOA_TloaCmd_MtrNm_M_f32	1.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.908284605	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	4.6453557	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	404.5	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-7.51842785	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	20.3996239	
k_TrqLOA_FallingRampRate_UlspS_f32	-464.011536	
k_TrqLOA_LatAccConversionFactor_Uls_f32	1.06608927	
k_TrqLOA_LimOutput_MtrNm_f32	4.70520544	
k_TrqLOA_MaxScaleFactor_Uls_f32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	0.664818645	
k_TrqLOA_NomDrvTrq_MtrNm_f32	6.47655058	
k_TrqLOA_RisingRampRate_UlspS_f32	552.899597	
k_TrqLOA_SteerRatio_Uls_f32	96.2371902	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	11.0910397	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158	





12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158
13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158
10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158
12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158
12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158
13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158
10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158
12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158
12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158
13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158
10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158
12124 12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158
12780 13107 10158 12124 12780 13107 10158 12124 12780 13107 10158
13107 10158 12124 12780 13107 10158 12124 12780 13107 10158
10158 12124 12780 13107 10158 12124 12780 13107
12124 12780 13107 10158 12124 12780 13107
12780 13107 10158 12124 12780 13107
13107 10158 12124 12780 13107
12124 12780 13107 10158
12780 13107 10158
13107 10158
13107 10158
10158
The same of the sa
12124
12780
13107
10158
12124
12780
13107
5079
6062
6390
6554
11520
11840
12160
12480
12800
6554 9830
13107
16384
19661
4096
4915
8192
9011
12288
13107
16384
17203
4096
8192
14336
15974
17613
19251
20480
22528
1600
1664
1728
1792
1856
1920
1984
2048
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value



TrqLOA_Per1

Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCR	F_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPo	s_HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAA	vail_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOAC	md_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSp	peedValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSp	peed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.601940989		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-8.82232189		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1492.13257		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-356.246979		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	200.567169		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.622659028	0.622659028	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.2794604	0.2794604 ± 0.01	~
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	~
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	~
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.197514594	0.197514579 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	~

0

0 ± 0.01

Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA LatAccScaleFactor Uls M f32	0.508383274
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.349999994
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0395000018
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	8.8000019
TrqLOA TloaCmd MtrNm M f32	2
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.85330462
<pre><</pre>	4.75983143
<pre>c_TrqLOA_AbsVelThreshold_MtrRadpS_f32</pre>	265.580505
k TrqLOA DiffScaleRateLimiterFalling UlspS f32	-8.98526001
TrgLOA DiffScaleRateLimiterRising UlspS f32	98.3069687
k TrgLOA FallingRampRate UlspS f32	-22.6989975
k TrqLOA LatAccConversionFactor Uls f32	7.02576303
k TrgLOA LimOutput MtrNm f32	2.79434323
<pre>c_TrqLOA_MaxScaleFactor_Uls_f32</pre>	0
k_TrqLOA_MinScaleFactor_Uls_f32	0.0327279568
k_TrqLOA_NomDrvTrq_MtrNm_f32	4.1759367
k_TrqLOA_RisingRampRate_UlspS_f32	481.665192
k_TrqLOA_SteerRatio_Uls_f32	87.3385468
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	1.11183953
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763
12_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
12_TrqLOA_DiffGainY_Uls_u1p15[0][2]	17039
12_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
12_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
12_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039
12_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039
12_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763
12_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	17039
12_TrqLOA_DiffGainY_Uls_u1p15[4][3]	19661
12_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763
12_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
© Report created by TESSY V3.2.5, report template V2.4	

2015-06-23, 13:48:37+0530





News	Innert Males		
Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	17039		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	19661		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661		
t_TrqLOA_DiffGainX_G_u2p14[0]	6881		
t_TrqLOA_DiffGainX_G_u2p14[1]	7864		
t_TrqLOA_DiffGainX_G_u2p14[2]	8520		
t_TrqLOA_DiffGainX_G_u2p14[3]	9830		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	13120		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	13440		
t TrqLOA HighSpeedTrqBlend X Kph u10p6[2]	13760		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	14080		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	14400		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4915		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	9421		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15155		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16384		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	18432		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	23347		
t_TrqLOA_X_Kph_u10p6[0]	2112		
t_TrqLOA_X_Kph_u10p6[1]	2176		
t TrqLOA X Kph u10p6[2]	2240		
t TrqLOA X Kph u10p6[3]	2304		
t_TrqLOA_X_Kph_u10p6[4]	2368		
t_TrqLOA_X_Kph_u10p6[5]	2432		
t_TrqLOA_X_Kph_u10p6[6]	2496		
t_TrqLOA_X_Kph_u10p6[7]	2560		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAu	uthority I lle f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSe		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid	,	
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaMtg		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_N	. –	
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_H		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeed		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed	d_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-8.45646667		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	824.946716		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-291.672058		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	40.8200684		
Name	Actual Value	Expected Value	Result
TrqLOA LatAccScaleFactor Uls M f32	0.600006104	0.600006104	✓
TrgLOA LatAccelSV g M Str.SV Uls f32	0.329298735	0.329298735 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.329290733	0.525256755 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	-
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.889974177	-0.889974236 ± 0.01	
target TrqLOA Per1 TrqLOAAvail Cnt lgc.value	0	-0.889974230 ± 0.01	
target_riqLOA_rer_riqLOAAvail_Ont_igo.value			·

0

0 ± 0.01





Test Step 2.57 (Repeat Count = 1)	√
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	1
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.40000006
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.039999991
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	7.8268919
TrqLOA_TloaCmd_MtrNm_M_f32	2.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.43065906
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	5.31270456
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	489.314453
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32 k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	-51.2935638 98.1905823
k TrqLOA_DillocaleRateLillillerRisilig_Uisp5_i32	-546.58197
k_TrqLOA_LatAccConversionFactor_Uls_f32	8.49251175
k TrqLOA LimOutput MtrNm f32	3.4109993
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	0.580245137
k_TrqLOA_NomDrvTrq_MtrNm_f32	4.90432882
k_TrqLOA_RisingRampRate_UlspS_f32	146.907883
k_TrqLOA_SteerRatio_Uls_f32	51.333065
k_TrqLOA_UndersteerGrad_RadpG_f32	0.184178278
k_TrqLOA_Wheelbase_M_f32	6.67440891
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2] t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	21299 26214
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367
t2 TrqLOA DiffGainY Uls u1p15[1][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367
t2_TrqLOA_DiffGainY_UIs_u1p15[2][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[2][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[3][2]	21299 26214
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367
t2_TrqLOA_DiffGainY_UIs_u1p15[5][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0] t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	17367 19333
t2_TrqLOA_DiriGainY_UIs_u1p15[7][1]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214
t_TrqLOA_DiffGainX_G_u2p14[0]	8684
t_TrqLOA_DiffGainX_G_u2p14[1]	9667
t_TrqLOA_DiffGainX_G_u2p14[2]	10650
t_TrqLOA_DiffGainX_G_u2p14[3]	13107
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	14720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	15040
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	15360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	15680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	16000 6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779

TrqLOA_Per1

2015-06-23, 13:48:37+0530



Name	Input Value		
t TrqLOA LatAccGain Y MtrNmpG u4p12[4]	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875		
t TrqLOA LatAccGain Y MtrNmpG u4p12[6]	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971		
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[0]	5734		
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[1]	10650		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15974		
t TrgLOA TempTrgCmdSatYTbl MtrNm u4p12[3]	16794		
t TrgLOA TempTrgCmdSatYTbl MtrNm u4p12[4]	19251		
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[5]	20890		
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[6]	22938		
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[7]	24166		
t_TrqLOA_X_Kph_u10p6[0]	2624		
t TrqLOA X Kph u10p6[1]	2688		
t_TrqLOA_X_Kph_u10p6[2]	2752		
t_TrqLOA_X_Kph_u10p6[3]	2816		
t TrqLOA X Kph u10p6[4]	2880		
t_TrqLOA_X_Kph_u10p6[5]	2944		
t TrqLOA X Kph u10p6[6]	3008		
t TrqLOA X Kph u10p6[7]	3072		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAutho	prity_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecS		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_C	nt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnE	En_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrF	RadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwD	eg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cr	nt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_Mt	rNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_K	ph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-8.75550842		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	653.842224		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-528.509216		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	256.530121		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.897412896	0.897412896	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.347527117	0.347527117 ± 0.01	~
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0	0 ± 0.01	~
TrqLOA_TloaCmd_MtrNm_M_f32	-0	0 ± 0.01	~
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.1368432	-1.13684332 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓

Name	Input Value	
Rte Inst Ap TrqLOA	target Rte Inst Ap TrqLOA	
TrqLOA LatAccScaleFactor Uls M f32	1	
TrgLOA LatAccelSV g M Str.SV Uls f32	0.449999988	
TrqLOA LatAccelSV q M Str.K Uls f32	0.0405000001	
TrgLOA ScaledMtrTrgCmd MtrNm M f32	6.26344252	
TrqLOA TloaCmd MtrNm M f32	3	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.773851991	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	5.77768135	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	747.446777	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-43.0547447	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	47.9102859	
k_TrqLOA_FallingRampRate_UlspS_f32	-937.159485	
k_TrqLOA_LatAccConversionFactor_Uls_f32	5.3237052	
k_TrqLOA_LimOutput_MtrNm_f32	1.59632158	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.5	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	1.02700126	
k_TrqLOA_RisingRampRate_UlspS_f32	731.99884	
k_TrqLOA_SteerRatio_Uls_f32	41.2037506	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	10.5805426	
t2_TrqLOA_DiffGainY_UIs_u1p15[0][0]	655	

-0

0 ± 0.01

2015-06-23, 13:48:37+0530

TrqLOA_Per1



Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915
t2_TrqLOA_DiffGainY_UIs_u1p15[1][3]	6226 655
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0] t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
t2 TrqLOA DiffGainY Uls u1p15[2][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3] t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	6226 655
t2 TrqLOA DiffGainY Uls u1p15[5][1]	2458
t2_TrqLOA_DiriGainY_Uls_u1p15[5][1]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	6226 10486
t_TrqLOA_DiffGainX_G_u2p14[0] t_TrqLOA_DiffGainX_G_u2p14[1]	11469
t_TrqLOA_DiffGainX_G_u2p14[1]	12780
t_TrqLOA_DiffGainX_G_u2p14[3]	16384
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	16320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	16640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	16960
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	17280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	17600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1] t TrqLOA HighSpeedTrqBlend Y Uls u1p15[2]	9830 13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030 6554
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	11878
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[2]	16794
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17203
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20070
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	21709
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	24166
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24986
t_TrqLOA_X_Kph_u10p6[0]	3136
t_TrqLOA_X_Kph_u10p6[1]	3200
t_TrqLOA_X_Kph_u10p6[2]	3264 3328
t_TrqLOA_X_Kph_u10p6[3] t_TrqLOA_X_Kph_u10p6[4]	3328 3392
t_TrqLOA_X_Kph_u10p6[5]	3456
t_TrqLOA_X_Kph_u10p6[6]	3520
t_TrqLOA_X_Kph_u10p6[7]	3584
target_Rte_Inst_Ap_TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc



TrqLOA_Per1

Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF	_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_	_HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAva	il_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACm	d_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpe	edValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe	ed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.80274868		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	9.43354797		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-566.920227		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	186.27681		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	367.993713		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.913890481	0.913890481	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.444069028	0.444069058 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	1.32299316	1.32299316 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	1.32299316	1.32299316 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.690145731	0.690145671 ± 0.01	✓
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	1.32299316	1.32299316 ± 0.01	~

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA LatAccScaleFactor Uls M f32	0.354075551	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.5	
TrqLOA LatAccelSV g M Str.K Uls f32	0.0410000011	
TrqLOA ScaledMtrTrqCmd MtrNm M f32	8.80000019	
TrqLOA_TloaCmd_MtrNm_M_f32	3.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	5.57446289	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	876.234863	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-46.2754173	
k TrgLOA DiffScaleRateLimiterRising UlspS f32	16.0770454	
k TrqLOA FallingRampRate UlspS f32	-197.560303	
k TrgLOA LatAccConversionFactor Uls f32	7.72955799	
k_TrqLOA_LimOutput_MtrNm_f32	3.87198281	
k_TrqLOA_LiniOdiput_Mithin_i32	0.600276589	
k_TrqLOA_MinScaleFactor_Uls_f32	0.000270309	
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.80000019	
k_TrqLOA_RisingRampRate_UlspS_f32	421.95636	
k_TrqLOA_SteerRatio_Uls_f32	44.7789497	
k TrqLOA_Gleen\alio_Gls_i32	0.25	
k TrqLOA_UndersteerGrau_reaupg_loz	12.674366	
t2 TrqLOA_WifeGinaSe_W_IS2 t2 TrqLOA DiffGainY Uls u1p15[0][0]	6554	
t2_TrqLOA_DiliGainY_Uls_u1p15[0][0] t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	9503	
	9830	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3] t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	6554	
	8192	
12_TrqLOA_DiffGainY_Uls_u1p15[1][1]	9503	
I2_TrqLOA_DiffGainY_UIs_u1p15[1][2]	9830	
I2_TrqLOA_DiffGainY_UIs_u1p15[1][3]	6554	
12_TrqLOA_DiffGainY_Uls_u1p15[2][0]	8192	
t2_TrqLOA_DiffGainY_UIs_u1p15[2][1]	1 1	
12_TrqLOA_DiffGainY_UIs_u1p15[2][2]	9503 9830	
I2_TrqLOA_DiffGainY_UIs_u1p15[2][3]	6554	
12_TrqLOA_DiffGainY_Uls_u1p15[3][0]		
12_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192	
12_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503	
12_TrqLOA_DiffGainY_UIs_u1p15[4][3]	9830	
I2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	6554	
I2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192	
12_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	6554	

2015-06-23, 13:48:37+0530





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	6554		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192		
t2 TrqLOA DiffGainY Uls u1p15[7][2]	9503		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830		
t_TrqLOA_DiffGainX_G_u2p14[0]	12288		
t TrqLOA DiffGainX G u2p14[1]	13271		
t TrqLOA DiffGainX G u2p14[2]	14909		
t_TrqLOA_DiffGainX_G_u2p14[3]	19661		
t TrqLOA HighSpeedTrqBlend X Kph u10p6[0]	17920		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	18240		
t TrqLOA HighSpeedTrqBlend X Kph u10p6[2]	18560		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	18880		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	19200		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096		
t TrqLOA LatAccGain Y MtrNmpG u4p12[1]	4915		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t TrqLOA LatAccGain Y MtrNmpG u4p12[6]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	7373		
t TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	13107		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	17613		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17613		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	22528		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	25395		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	25805 3648		
t_TrqLOA_X_Kph_u10p6[0]	3712		
t_TrqLOA_X_Kph_u10p6[1]			
t_TrqLOA_X_Kph_u10p6[2]	3776		
t_TrqLOA_X_Kph_u10p6[3]	3840		
t_TrqLOA_X_Kph_u10p6[4]	3904		
t_TrqLOA_X_Kph_u10p6[5]	3968		
t_TrqLOA_X_Kph_u10p6[6]	4032		
t_TrqLOA_X_Kph_u10p6[7]	4096	A. 45 16 . 111 - 600	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelA		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpS	_	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelVali	,	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaM		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_I	<u>, </u>	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvai		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmo		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpee		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	ea_Kph_t32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.55655992		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-9.07191467		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1045.78259		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	405.282532		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	413.821686		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.299987793	0.299987793	✓
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.504466712	0.504466712 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	~
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.60487938	1.60487938 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓

0

0 ± 0.01



Test Step 2.60 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target Rte Inst Ap TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.127310753
TrgLOA LatAccelSV g M Str.SV Uls f32	0.550000012
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0414999984
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-5.53648186
TrqLOA_TloaCmd_MtrNm_M_f32	4
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.461854458
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	1.92148387
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	720.753113
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-6.41326952
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	47.286669 -181.520218
k_TrqLOA_FallingRampRate_UlspS_f32 k_TrqLOA_LatAccConversionFactor_Uls_f32	10
k TrqLOA LimOutput MtrNm f32	5.93761349
k_TrqLOA_MaxScaleFactor_Uls_f32	0.162633419
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	6.28077221
k_TrqLOA_RisingRampRate_UlspS_f32	457.330048
k_TrqLOA_SteerRatio_Uls_f32	58.241581
k_TrqLOA_UndersteerGrad_RadpG_f32	0.184339285
k_TrqLOA_Wheelbase_M_f32	4.6749692
t2_TrqLOA_DiffGainY_UIs_u1p15[0][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	12780 13107
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3] t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[3][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13107 10158
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780
t2 TrqLOA DiffGainY Uls u1p15[4][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158 12124
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1] t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12724
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	13107
t_TrqLOA_DiffGainX_G_u2p14[0]	14090
t_TrqLOA_DiffGainX_G_u2p14[1]	15073
t_TrqLOA_DiffGainX_G_u2p14[2]	17039
t_TrqLOA_DiffGainX_G_u2p14[3]	22938
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	19520
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	19840
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	20160
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	20480
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	20800
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554 9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	8192		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	14336		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	18432		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18022		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	26624		
t_TrqLOA_X_Kph_u10p6[0]	4160		
t_TrqLOA_X_Kph_u10p6[1]	4224		
t_TrqLOA_X_Kph_u10p6[2]	4288		
t_TrqLOA_X_Kph_u10p6[3]	4352		
t_TrqLOA_X_Kph_u10p6[4]	4416		
t_TrqLOA_X_Kph_u10p6[5]	4480		
t_TrqLOA_X_Kph_u10p6[6]	4544		
t_TrqLOA_X_Kph_u10p6[7]	4608		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp	SecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.320883036		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	10		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	105.865387		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-463.388245		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	383.681519		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.221884102	0.221884087	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.496582747	0.496582747 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.452805698	0.452805638 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.60000024	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0419999994	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-5.59451866	
TrqLOA_TloaCmd_MtrNm_M_f32	4.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.5251174	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	5.73082399	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	682.238342	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-96.6626129	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	64.4656067	
k_TrqLOA_FallingRampRate_UlspS_f32	-740.465698	
k_TrqLOA_LatAccConversionFactor_Uls_f32	8.30616283	
k_TrqLOA_LimOutput_MtrNm_f32	4.30037689	
k_TrqLOA_MaxScaleFactor_Uls_f32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	0.5	
k_TrqLOA_NomDrvTrq_MtrNm_f32	4.25783968	
k_TrqLOA_RisingRampRate_UlspS_f32	720.657654	
k_TrqLOA_SteerRatio_Uls_f32	14.0389872	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	17.1706886	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	15729
t2_TrqLOA_DiffGainY_UIs_u1p15[3][2]	17039
t2_TrqLOA_DiffGainY_UIs_u1p15[3][3]	19661
t2_TrqLOA_DiffGainY_UIs_u1p15[4][0]	13763
t2_TrqLOA_DiffGainY_UIs_u1p15[4][1]	15729 17039
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2] t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	19661
	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729 17039
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	19661
t2_TrqLOA_DiffGainY_UIs_u1p15[5][3] t2_TrqLOA_DiffGainY_UIs_u1p15[6][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	15729
t2_frqLOA_biffGainY_Uls_u1p15[6][1] t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661
t_TrqLOA_DiffGainX_G_u2p14[0]	15892
t_TrqLOA_DiffGainX_G_u2p14[1]	16876
t_TrqLOA_DiffGainX_G_u2p14[2]	19169
t_TrqLOA_DiffGainX_G_u2p14[3]	26214
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	21120
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	21440
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	21760
t TrqLOA HighSpeedTrqBlend X Kph u10p6[3]	22080
t TrqLOA HighSpeedTrqBlend X Kph u10p6[4]	22400
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9011
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	15565
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	19251
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18432
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	22528
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24166
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	27853
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	27443
t_TrqLOA_X_Kph_u10p6[0]	4672
t_TrqLOA_X_Kph_u10p6[1]	4736
t_TrqLOA_X_Kph_u10p6[2]	4800
t_TrqLOA_X_Kph_u10p6[3]	4864
t_TrqLOA_X_Kph_u10p6[4]	4928
t_TrqLOA_X_Kph_u10p6[5]	4992
t_TrqLOA_X_Kph_u10p6[6]	5056
t_TrqLOA_X_Kph_u10p6[7]	5120
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_Igc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value

2015-06-23, 13:48:37+0530





Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_I	HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvai	I_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmo	I_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpee	edValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	ed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.325643182		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-9.67909622		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1983.73108		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	151.272461		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	504.07077	504.07077	
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.806674778	0.806674778	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.605344892	0.605344892 ± 0.01	~
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	1.1167767	1.1167767 ± 0.01	~
TrqLOA_TloaCmd_MtrNm_M_f32	1.1167767	1.1167767 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.5	0.5 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	~

1.1167767

1.1167767 ± 0.01

lame	Input Value	
tte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
rqLOA LatAccScaleFactor Uls M f32	1	
rqLOA_LatAccelSV g M Str.SV Uls f32	0.649999976	
	0.0425000004	
rqLOA_LatAccelSV_g_M_Str.K_UIs_f32	-2.67422986	
rqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-2.07422900 5	
rqLOA_TloaCmd_MtrNm_M_f32	-2	
rqLOA_TrqBasedScaleFactor_Uls_M_f32	9.5640955	
_TrqLOA_Abs/scistThreshold_MtrNm_f32		
_TrqLOA_AbsVelThreshold_MtrRadpS_f32	748.600159	
_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-71.7383728	
_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	27.6928959	
_TrqLOA_FallingRampRate_UlspS_f32	-96.2159729	
_TrqLOA_LatAccConversionFactor_Uls_f32	2.10660577	
_TrqLOA_LimOutput_MtrNm_f32	8.80000019	
_TrqLOA_MaxScaleFactor_Uls_f32	1	
_TrqLOA_MinScaleFactor_Uls_f32	0.268023968	
_TrqLOA_NomDrvTrq_MtrNm_f32	8.01241589	
_TrqLOA_RisingRampRate_UlspS_f32	761.766296	
_TrqLOA_SteerRatio_Uls_f32	51.8408661	
_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
_TrqLOA_Wheelbase_M_f32	2.65969491	
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333	
2 TrqLOA DiffGainY Uls u1p15[4][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333	
	21299	
2_TrqLOA_DiffGainY_UIs_u1p15[5][2]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	20214	

2015-06-23, 13:48:37+0530





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333		
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	21299		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214		
t_TrqLOA_DiffGainX_G_u2p14[0]	17695		
t_TrqLOA_DiffGainX_G_u2p14[1] t_TrqLOA_DiffGainX_G_u2p14[2]	18678 21299		
t TrgLOA DiffGainX G u2p14[3]	29491		
t TrqLOA HighSpeedTrqBlend X Kph u10p6[0]	22720		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	23040		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	23360		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	23680		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	24000		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9830		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	16794 20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18842		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24986		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	29082		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	28262		
t_TrqLOA_X_Kph_u10p6[0]	5184		
t_TrqLOA_X_Kph_u10p6[1]	5248		
t_TrqLOA_X_Kph_u10p6[2]	5312		
t_TrqLOA_X_Kph_u10p6[3]	5376		
t_TrqLOA_X_Kph_u10p6[4]	5440		
t_TrqLOA_X_Kph_u10p6[5]	5504		
t_TrqLOA_X_Kph_u10p6[6]	5568		
t_TrqLOA_X_Kph_u10p6[7]	5632		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwhee	·	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelVa	•	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoal		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc target Rte Inst Ap TrqLOA.TrqLOA Per1 TrqLOACmd MtrNm f32	target_TrqLOA_Per1_TrqLOAAva		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_intrNini_isz target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_TrqLOACm target_TrqLOA_Per1_VehicleSpe		
target Rte Inst Ap TrqLOA.TrqLOA Per1 VehicleSpeed Kph f32	target_TrqLOA_Per1_VehicleSpe		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1	seu_rxpii_i32	
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-2.9048202		
target TrgLOA Per1 LatAccelValid Cnt lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1074.27112		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	154.282684		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	20.9967651		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.856523275	0.856523275	
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.624545872	0.624545872 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.476467371	-0.476467431 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	





Test Step 2.63 (Repeat Count = 1)	James Value
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32 TrqLOA_LatAccelSV g M Str.SV Uls f32	1 0.100000001
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0430000015
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	2.41386628
TrqLOA_TloaCmd_MtrNm_M_f32	5.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.84290671
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	384.24939
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-46.602211
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	62.1562195
k_TrqLOA_FallingRampRate_UlspS_f32	-245.017471
k_TrqLOA_LatAccConversionFactor_Uls_f32 k_TrqLOA_LimOutput_MtrNm_f32	9.63429737 8.8000019
k_TrqLOA_LiniOutput_MinMin_i32	0.78795445
k_TrqLOA_MinScaleFactor_Uls_f32	0.829191089
k_TrqLOA_NomDrvTrq_MtrNm_f32	5.52885151
k_TrqLOA_RisingRampRate_UlspS_f32	334.853485
k_TrqLOA_SteerRatio_Uls_f32	41.602951
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	11.8579302
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3] t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	6226 655
t2_TrqLOA_DiliGainY_Uls_u1p15[1][0] t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915 6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655
t2_TrqLOA_DiliGainY_Uls_u1p15[4][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2] t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	4915 6226
t2_TrqLOA_DiliGainY_Uls_u1p15[7][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	6226
t_TrqLOA_DiffGainX_G_u2p14[0]	328
t_TrqLOA_DiffGainX_G_u2p14[1]	1229
t_TrqLOA_DiffGainX_G_u2p14[2]	2458
t_TrqLOA_DiffGainX_G_u2p14[3]	3113
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	640 960
t_TrqLOA_nignSpeedTrqBlend_X_kpn_u10p6[2] t_TrqLOA_HighSpeedTrqBlend_X_kph_u10p6[3]	1280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	1600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	10650		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	18022		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	25805		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	30310		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29082		
t_TrqLOA_X_Kph_u10p6[0]	5696		
t_TrqLOA_X_Kph_u10p6[1]	5760		
t_TrqLOA_X_Kph_u10p6[2]	5824		
t_TrqLOA_X_Kph_u10p6[3]	5888		
t_TrqLOA_X_Kph_u10p6[4]	5952		
t_TrqLOA_X_Kph_u10p6[5]	6016		
t_TrqLOA_X_Kph_u10p6[6]	6080		
t_TrqLOA_X_Kph_u10p6[7]	6144		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.820146441		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-5.4794178		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1123.13818		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	982.462402		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	395.937531		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.906795561	0.906795561	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.163966477	0.163966462 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.619687796	0.619687855 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0.619687796	0.619687855 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.50996506	1.50996506 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0.619687796	0.619687855 ± 0.01	•

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.150000006	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0434999987	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	8.80000019	
TrqLOA_TloaCmd_MtrNm_M_f32	6	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.5	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	2.98309565	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	909.534851	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-24.0498333	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	79.0181427	
k_TrqLOA_FallingRampRate_UlspS_f32	-208.018539	
k_TrqLOA_LatAccConversionFactor_Uls_f32	8.6829052	
k_TrqLOA_LimOutput_MtrNm_f32	3.57006645	
k_TrqLOA_MaxScaleFactor_Uls_f32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	0.726554036	
k_TrqLOA_RisingRampRate_UlspS_f32	962.290283	
k_TrqLOA_SteerRatio_Uls_f32	6.56352139	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	3.98621607	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554	

2015-06-23, 13:48:37+0530

TrqLOA_Per1



Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192
t2 TrqLOA DiffGainY Uls u1p15[0][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192
t2_TrqLOA_DiffGainY_UIs_u1p15[4][2]	9503
t2_TrqLOA_DiffGainY_UIs_u1p15[4][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3] t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	9830 6554
tz_IrqLOA_DiffGainY_Uls_u1p15[6][1] t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830
t2 TrqLOA DiffGainY Uls u1p15[7][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	9830
t_TrqLOA_DiffGainX_G_u2p14[0]	3277
t_TrqLOA_DiffGainX_G_u2p14[1]	4096
t_TrqLOA_DiffGainX_G_u2p14[2]	4751
t_TrqLOA_DiffGainX_G_u2p14[3]	4915
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	1920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	2240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	2560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	2880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	3200
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	29491 32768
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587
t_TrqLOA_tempTrqCmdSatYTbl_MtrNm_u4p12[0]	11469
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	19251
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	21709
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19661
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[4]	24986
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	26624
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	31539
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29901
t_TrqLOA_X_Kph_u10p6[0]	6208
t_TrqLOA_X_Kph_u10p6[1]	6272
t_TrqLOA_X_Kph_u10p6[2]	6336
t_TrqLOA_X_Kph_u10p6[3]	6400
t_TrqLOA_X_Kph_u10p6[4]	6464
t_TrqLOA_X_Kph_u10p6[5]	6528
t_TrqLOA_X_Kph_u10p6[6]	6592
t_TrqLOA_X_Kph_u10p6[7]	6656
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc



TrqLOA_Per1

Name	Input Value			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCF	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPo	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAA	vail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOAC	Cmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleS	peedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleS	peed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.825533628			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	0.187185764			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1207.13953	1207.13953		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	863.729614	863.729614		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	157.958984			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.951900303	0.951900363	~	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.513088524	0.513088584 ± 0.01	✓	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	4.16939354	4.16939354 ± 0.01	•	
TrqLOA_TloaCmd_MtrNm_M_f32	3.57006645	3.57006645 ± 0.01	✓	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.08396292	1.08396292 ± 0.01	•	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	3.57006645	3.57006645 ± 0.01	~	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA LatAccScaleFactor UIs M f32	1	
TrqLOA LatAccelSV g M Str.SV Uls f32	0.20000003	
TrqLOA LatAccelSV g M Str.K Uls f32	0.043999998	
TrqLOA ScaledMtrTrqCmd MtrNm M f32	8.17687893	
TrqLOA_Gealedwit HqGilid_MitrNii_M_i32 TrqLOA_TloaCmd_MtrNii_M_f32	6.5	
TrqLOA_TrgBasedScaleFactor_Uls_M_f32	0.0	
<pre><_TrqLOA_AbsAssistThreshold_MtrNm_f32</pre>	6.695158	
<pre><_TrqLOA_AbsVelThreshold_MtrRadpS_f32</pre>	223.666779	
<pre><_frqLOA_biffScaleRateLimiterFalling_UlspS_f32</pre>	-63.652092	
TrqLOA_DiffScaleRateLimiterPaining_Disp5_i52 TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	90.6142044	
	-905.111084	
<pre><_TrqLOA_FallingRampRate_UlspS_f32</pre>		
<_TrqLOA_LatAccConversionFactor_Uls_f32	3.18578172	
<_TrqLOA_LimOutput_MtrNm_f32 <_TrqLOA_MayScaleEactor_Lillo_f32	4.45736408 0.556143165	
<_TrqLOA_MaxScaleFactor_Uls_f32		
<pre><_TrqLOA_MinScaleFactor_Uls_f32</pre>	0.31155026	
<pre><_TrqLOA_NomDrvTrq_MtrNm_f32</pre>	8.80000019	
<pre><_TrqLOA_RisingRampRate_UlspS_f32</pre>	727.072083	
	77.6913376	
C_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
<pre><_TrqLOA_Wheelbase_M_f32</pre>	13.2761326	
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158	

2015-06-23, 13:48:37+0530





N	L		
Name	Input Value		
t2_TrqLOA_DiffGainY_UIs_u1p15[6][1]	12124 12780		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2] t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107		
t_TrqLOA_DiffGainX_G_u2p14[0]	5079		
t_TrqLOA_DiffGainX_G_u2p14[1]	6062		
t_TrqLOA_DiffGainX_G_u2p14[2]	6390		
t_TrqLOA_DiffGainX_G_u2p14[3]	6554		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	3520		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	3840		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	4160 4480		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	4800		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49152 49971		
t_TrqLOA_EanAccGail_1_MitrNinpG_u4p12[7]	12288		
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[1]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	22528		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	25805		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	27443		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	32768		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	30720		
t_TrqLOA_X_Kph_u10p6[0]	6720		
t_TrqLOA_X_Kph_u10p6[1]	6784		
t_TrqLOA_X_Kph_u10p6[2]	6848		
t_TrqLOA_X_Kph_u10p6[3] t_TrqLOA_X_Kph_u10p6[4]	6912 6976		
t TrqLOA X Kph u10p6[5]	7040		
t_TrqLOA_X_Kph_u10p6[6]	7104		
t_TrqLOA_X_Kph_u10p6[7]	7168		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority	_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f3	32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_I	gc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_	Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadi	_	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lg		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm	_	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeedValid_ target_TrqLOA_Per1_VehicleSpeed_Kph_		
target TrqLOA Per1 HandwheelAuthority Uls f32.value	target_TrqLOA_Per1_venicleSpeed_kpn_	104	
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	3.79644442		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-318.864502		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-499.803558		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	99.3633728		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.872695804	0.872695804	•
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.179463327	0.179463327 ± 0.01	~
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	V
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	V
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.31155026	0.31155026 ± 0.01	Y
target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc.value target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	
a.goqco/i oririqco/.omu_mitram_ioz.value	, ·	5 2 0.01	





Test Step 2.66 (Repeat Count = 1)	Invest Value
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32 TrqLOA_LatAccelSV g M Str.SV Uls f32	0.25
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0445000008
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	6.8573308
TrqLOA_TloaCmd_MtrNm_M_f32	7
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.5
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	7.97358274
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	49.2437706
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-85.8224258
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	14.4680319
k_TrqLOA_FallingRampRate_UlspS_f32	-621.608643
k_TrqLOA_LatAccConversionFactor_Uls_f32	5.89980364
k_TrqLOA_LimOutput_MtrNm_f32	3.03662086
k_TrqLOA_MaxScaleFactor_Uls_f32 k_TrqLOA_MinScaleFactor_Uls_f32	1 0.78711319
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.61790848
k_TrqLOA_RisingRampRate_UlspS_f32	432.887634
k TrqLOA SteerRatio Uls f32	60.0293274
k TrqLOA UndersteerGrad RadpG f32	0.25
k_TrqLOA_Wheelbase_M_f32	16.850811
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763 15729
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1] t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	19661
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729 17039
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2] t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	17039
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661
t_TrqLOA_DiffGainX_G_u2p14[0]	6881
t_TrqLOA_DiffGainX_G_u2p14[1]	7864
t_TrqLOA_DiffGainX_G_u2p14[2]	8520
t_TrqLOA_DiffGainX_G_u2p14[3]	9830
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	5120 5440
t_TrqLOA_nignspeedTrqBlend_X_kpn_u10p6[1] t_TrqLOA_HighSpeedTrqBlend_X_kph_u10p6[2]	5760
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	6080
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	6400
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	13107		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	28262		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	33997		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	31539		
t_TrqLOA_X_Kph_u10p6[0]	7232		
t_TrqLOA_X_Kph_u10p6[1]	7296		
t_TrqLOA_X_Kph_u10p6[2]	7360		
t_TrqLOA_X_Kph_u10p6[3]	7424		
t_TrqLOA_X_Kph_u10p6[4]	7488		
t_TrqLOA_X_Kph_u10p6[5]	7552		
t_TrqLOA_X_Kph_u10p6[6]	7616		
t_TrqLOA_X_Kph_u10p6[7]	7680		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed	_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.652412415		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-7.17104101		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-170.91478		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	620.927979		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	0.74395752	I=	1
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.828355134	0.828355134	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.238877073	0.238877073 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.634224713	-0.634224713 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	•

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.506645322	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.30000012	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0450000018	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-6.66807175	
TrqLOA_TloaCmd_MtrNm_M_f32	7.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.700403869	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	7.45697355	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	949.781738	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-31.9425945	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	32.4179688	
k_TrqLOA_FallingRampRate_UlspS_f32	-1000	
k_TrqLOA_LatAccConversionFactor_Uls_f32	2.98353696	
k_TrqLOA_LimOutput_MtrNm_f32	0.512901366	
k_TrqLOA_MaxScaleFactor_Uls_f32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	0.483349204	
k_TrqLOA_NomDrvTrq_MtrNm_f32	4.99718761	
k_TrqLOA_RisingRampRate_UlspS_f32	498.645935	
k_TrqLOA_SteerRatio_Uls_f32	44.6010437	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.208570436	
k_TrqLOA_Wheelbase_M_f32	7.8872447	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214
t2_TrqLOA_DiffGainY_UIs_u1p15[6][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214
t_TrqLOA_DiffGainX_G_u2p14[0]	8684 9667
t_TrqLOA_DiffGainX_G_u2p14[1]	10650
t_TrqLOA_DiffGainX_G_u2p14[2]	
t_TrqLOA_DiffGainX_G_u2p14[3]	13107
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	6720 7040
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	7360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	7680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	8000
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915
t TrgLOA LatAccGain Y MtrNmpG u4p12[2]	8192
t TrgLOA LatAccGain Y MtrNmpG u4p12[3]	9011
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288
t TrgLOA LatAccGain Y MtrNmpG u4p12[5]	13107
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203
t TrgLOA TempTrgCmdSatYTbl MtrNm u4p12[0]	13926
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	22938
t TrgLOA TempTrgCmdSatYTbl MtrNm u4p12[2]	24166
t TrgLOA TempTrgCmdSatYTbl MtrNm u4p12[3]	20890
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	27443
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	29082
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	35226
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	32358
t_TrqLOA_X_Kph_u10p6[0]	7744
t_TrqLOA_X_Kph_u10p6[1]	7808
t_TrqLOA_X_Kph_u10p6[2]	7872
t_TrqLOA_X_Kph_u10p6[3]	7936
t_TrqLOA_X_Kph_u10p6[4]	8000
t_TrqLOA_X_Kph_u10p6[5]	8064
t_TrqLOA_X_Kph_u10p6[6]	8128
t_TrqLOA_X_Kph_u10p6[7]	8192
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc

2015-06-23, 13:48:37+0530





Name	Input Value			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCR	F_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPo	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAA	vail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOAC	md_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSp	eedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSp	peed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	9.08804321			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0			
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1422.61047			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	540.524841			
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	191.820953			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.571481287	0.571481287	✓	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.326862931	0.326862901 ± 0.01	✓	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓	
TrqLOA_TloaCmd_MtrNm_M_f32	0 0 ± 0.01			
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.296888053 0.296887994 ± 0.01			
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	1	1	~	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	~	

Inst_Ap_TrqLOA LOA_LatAccScaleFactor_Uls_M_f32 LOA_LatAccelSV_g_M_Str.SV_Uls_f32 LOA_LatAccelSV_g_M_Str.K_Uls_f32 LOA_ScaledMtrTrqCmd_MtrNm_M_f32 LOA_TloaCmd_MtrNm_M_f32 LOA_TrqBasedScaleFactor_Uls_M_f32 rqLOA_AbsAssistThreshold_MtrNm_f32 rqLOA_DiffScaleRateLimiterFalling_UlspS_f32 rqLOA_DiffScaleRateLimiterFalling_UlspS_f32 rqLOA_FallingRampRate_UlspS_f32 rqLOA_LatAccConversionFactor_Uls_f32 rqLOA_LimOutput_MtrNm_f32 rqLOA_MaxScaleFactor_Uls_f32 rqLOA_MinScaleFactor_Uls_f32 rqLOA_MinScaleFactor_Uls_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_RisingRampRate_UlspS_f32	Input Value target_Rte_Inst_Ap_TrqLOA 1 0.349999994 0.0454999991 1.49777293 8 0.295269966 9.363307 56.798336 -61.001091 98.7214127 0 6.27368927 8.22940922 0.735090733
LOA_LatAccScaleFactor_Uls_M_f32 LOA_LatAccelSV_g_M_Str.SV_Uls_f32 LOA_LatAccelSV_g_M_Str.K_Uls_f32 LOA_ScaledMtrTrqCmd_MtrNm_M_f32 LOA_TloaCmd_MtrNm_M_f32 LOA_TrqBasedScaleFactor_Uls_M_f32 rqLOA_AbsAssistThreshold_MtrNm_f32 rqLOA_AbsAssistThreshold_MtrRadpS_f32 rqLOA_DiffScaleRateLimiterFalling_UlspS_f32 rqLOA_DiffScaleRateLimiterRising_UlspS_f32 rqLOA_FallingRampRate_UlspS_f32 rqLOA_LatAccConversionFactor_Uls_f32 rqLOA_LimOutput_MtrNm_f32 rqLOA_MaxScaleFactor_Uls_f32 rqLOA_MinScaleFactor_Uls_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_RisingRampRate_UlspS_f32	1 0.349999994 0.0454999991 1.49777293 8 0.295269966 9.363307 56.798336 -61.001091 98.7214127 0 6.27368927 8.22940922 0.735090733
LOA_LatAccelSV_g_M_Str.SV_UIs_f32 LOA_LatAccelSV_g_M_Str.K_UIs_f32 LOA_ScaledMtrTrqCmd_MtrNm_M_f32 LOA_TloaCmd_MtrNm_M_f32 LOA_TrqBasedScaleFactor_UIs_M_f32 rqLOA_AbsAssistThreshold_MtrNm_f32 rqLOA_DiffScaleRateLimiterFalling_UIspS_f32 rqLOA_DiffScaleRateLimiterRising_UIspS_f32 rqLOA_FallingRampRate_UIspS_f32 rqLOA_LatAccConversionFactor_UIs_f32 rqLOA_LimOutput_MtrNm_f32 rqLOA_MaxScaleFactor_UIs_f32 rqLOA_MinScaleFactor_UIs_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_RisingRampRate_UIspS_f32	0.34999994 0.045499991 1.49777293 8 0.295269966 9.363307 56.798336 -61.001091 98.7214127 0 6.27368927 8.22940922 0.735090733
LOA_LatAccelSV_g_M_Str.K_Uls_f32 LOA_ScaledMtrTrqCmd_MtrNm_M_f32 LOA_TloaCmd_MtrNm_M_f32 LOA_TrqBasedScaleFactor_Uls_M_f32 rqLOA_AbsAssistThreshold_MtrNm_f32 rqLOA_DiffScaleRateLimiterFalling_UlspS_f32 rqLOA_DiffScaleRateLimiterRising_UlspS_f32 rqLOA_FallingRampRate_UlspS_f32 rqLOA_LatAccConversionFactor_Uls_f32 rqLOA_LimOutput_MtrNm_f32 rqLOA_MaxScaleFactor_Uls_f32 rqLOA_MinScaleFactor_Uls_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_RisingRampRate_UlspS_f32	0.0454999991 1.49777293 8 0.295269966 9.363307 56.798336 -61.001091 98.7214127 0 6.27368927 8.22940922 0.735090733
LOA_ScaledMtrTrqCmd_MtrNm_M_f32 LOA_TloaCmd_MtrNm_M_f32 LOA_TrqBasedScaleFactor_Uls_M_f32 rqLOA_AbsAssistThreshold_MtrNm_f32 rqLOA_DiffScaleRateLimiterFalling_UlspS_f32 rqLOA_DiffScaleRateLimiterRising_UlspS_f32 rqLOA_FallingRampRate_UlspS_f32 rqLOA_LatAccConversionFactor_Uls_f32 rqLOA_LimOutput_MtrNm_f32 rqLOA_MaxScaleFactor_Uls_f32 rqLOA_MinScaleFactor_Uls_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_RisingRampRate_UlspS_f32	1.49777293 8 0.295269966 9.363307 56.798336 -61.001091 98.7214127 0 6.27368927 8.22940922 0.735090733
LOA_TloaCmd_MtrNm_M_f32 LOA_TrqBasedScaleFactor_Uls_M_f32 rqLOA_AbsAssistThreshold_MtrNm_f32 rqLOA_DiffScaleRateLimiterFalling_UlspS_f32 rqLOA_DiffScaleRateLimiterRising_UlspS_f32 rqLOA_DiffScaleRateLimiterRising_UlspS_f32 rqLOA_FallingRampRate_UlspS_f32 rqLOA_LatAccConversionFactor_Uls_f32 rqLOA_LimOutput_MtrNm_f32 rqLOA_MaxScaleFactor_Uls_f32 rqLOA_MinScaleFactor_Uls_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_RisingRampRate_UlspS_f32	8 0.295269966 9.363307 56.798336 -61.001091 98.7214127 0 6.27368927 8.22940922 0.735090733
LOA_TrqBasedScaleFactor_Uls_M_f32 rqLOA_AbsAssistThreshold_MtrNm_f32 rqLOA_AbsVelThreshold_MtrRadpS_f32 rqLOA_DiffScaleRateLimiterFalling_UlspS_f32 rqLOA_DiffScaleRateLimiterRising_UlspS_f32 rqLOA_FallingRampRate_UlspS_f32 rqLOA_LatAccConversionFactor_Uls_f32 rqLOA_LimOutput_MtrNm_f32 rqLOA_MaxScaleFactor_Uls_f32 rqLOA_MinScaleFactor_Uls_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_RisingRampRate_UlspS_f32	0.295269966 9.363307 56.798336 -61.001091 98.7214127 0 6.27368927 8.22940922 0.735090733
rqLOA_AbsAssistThreshold_MtrNm_f32 rqLOA_AbsVelThreshold_MtrRadpS_f32 rqLOA_DiffScaleRateLimiterFalling_UlspS_f32 rqLOA_DiffScaleRateLimiterRising_UlspS_f32 rqLOA_FallingRampRate_UlspS_f32 rqLOA_LatAccConversionFactor_Uls_f32 rqLOA_LimOutput_MtrNm_f32 rqLOA_MaxScaleFactor_Uls_f32 rqLOA_MinScaleFactor_Uls_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_NomDrvTrq_MtrNm_f32	9.363307 56.798336 -61.001091 98.7214127 0 6.27368927 8.22940922 0.735090733
rqLOA_AbsVelThreshold_MtrRadpS_f32 rqLOA_DiffScaleRateLimiterFalling_UlspS_f32 rqLOA_DiffScaleRateLimiterRising_UlspS_f32 rqLOA_FallingRampRate_UlspS_f32 rqLOA_LatAccConversionFactor_Uls_f32 rqLOA_LimOutput_MtrNm_f32 rqLOA_MaxScaleFactor_Uls_f32 rqLOA_MinScaleFactor_Uls_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_RisingRampRate_UlspS_f32	56.798336 -61.001091 98.7214127 0 6.27368927 8.22940922 0.735090733
rqLOA_DiffScaleRateLimiterFalling_UlspS_f32 rqLOA_DiffScaleRateLimiterFalling_UlspS_f32 rqLOA_FallingRampRate_UlspS_f32 rqLOA_LatAccConversionFactor_Uls_f32 rqLOA_LimOutput_MtrNm_f32 rqLOA_MaxScaleFactor_Uls_f32 rqLOA_MinScaleFactor_Uls_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_RisingRampRate_UlspS_f32	-61.001091 98.7214127 0 6.27368927 8.22940922 0.735090733
rqLOA_DiffScaleRateLimiterRising_UlspS_f32 irqLOA_FallingRampRate_UlspS_f32 irqLOA_LatAccConversionFactor_Uls_f32 irqLOA_LimOutput_MtrNm_f32 irqLOA_MaxScaleFactor_Uls_f32 irqLOA_MinScaleFactor_Uls_f32 irqLOA_NomDrvTrq_MtrNm_f32 irqLOA_RisingRampRate_UlspS_f32	98.7214127 0 6.27368927 8.22940922 0.735090733
rqLOA_FallingRampRate_UlspS_f32 rqLOA_LatAccConversionFactor_Uls_f32 rqLOA_LimOutput_MtrNm_f32 rqLOA_MaxScaleFactor_Uls_f32 rqLOA_MinScaleFactor_Uls_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_RisingRampRate_UlspS_f32	0 6.27368927 8.22940922 0.735090733
rqLOA_LatAccConversionFactor_Uls_f32 rqLOA_LimOutput_MtrNm_f32 rqLOA_MaxScaleFactor_Uls_f32 rqLOA_MinScaleFactor_Uls_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_RisingRampRate_UlspS_f32	6.27368927 8.22940922 0.735090733
rqLOA_LimOutput_MtrNm_f32 rqLOA_MaxScaleFactor_Uls_f32 rqLOA_MinScaleFactor_Uls_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_RisingRampRate_UlspS_f32	8.22940922 0.735090733
rqLOA_MaxScaleFactor_Uls_f32 rqLOA_MinScaleFactor_Uls_f32 rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_RisingRampRate_UlspS_f32	0.735090733
rqLOA_MinScaleFactor_Uls_f32 irqLOA_NomDrvTrq_MtrNm_f32 irqLOA_RisingRampRate_UlspS_f32	
rqLOA_NomDrvTrq_MtrNm_f32 rqLOA_RisingRampRate_UlspS_f32	
rqLOA_RisingRampRate_UlspS_f32	1
	0.917102754
	186.693497
rqLOA_SteerRatio_Uls_f32	39.8788223
rqLOA_UndersteerGrad_RadpG_f32	0.25
rqLOA_Wheelbase_M_f32	7.71528864
TrqLOA_DiffGainY_Uls_u1p15[0][0]	655
TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915
TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226
TrqLOA_DiffGainY_Uls_u1p15[1][0]	655
TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915
TrqLOA_DiffGainY_UIs_u1p15[1][3]	6226
TrqLOA_DiffGainY_Uls_u1p15[2][0]	655
TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915
TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915
TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226
TrqLOA_DiffGainY_Uls_u1p15[4][0]	655
TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458
TrgLOA DiffGainY Uls u1p15[4][2]	4915
TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226
TrqLOA_DiffGainY_Uls_u1p15[5][0]	655
TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458
TrqLOA_DiffGainY_Uls_u1p15[5][2]	4915
TrqLOA_DiffGainY_UIs_u1p15[5][3]	6226
TrqLOA_DiffGainY_UIs_u1p15[6][0]	The state of the s

 $\ensuremath{\texttt{©}}$ Report created by TESSY V3.2.5, report template V2.4

2015-06-23, 13:48:37+0530





No	L. Ott.		
Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	2458		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	6226		
t_TrqLOA_DiffGainX_G_u2p14[0]	10486		
t TrqLOA DiffGainX G u2p14[1]	11469		
t TrqLOA DiffGainX G u2p14[2]	12780		
t_TrqLOA_DiffGainX_G_u2p14[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	8320		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	8640		
t TrqLOA HighSpeedTrqBlend X Kph u10p6[2]	8960		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	9280		
	9600		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]			
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4096		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	8192		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	14336		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	15974		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	17613		
	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	22528		
t_TrqLOA_X_Kph_u10p6[0]	8256		
t_TrqLOA_X_Kph_u10p6[1]	8320		
t_TrqLOA_X_Kph_u10p6[2]	8384		
t_TrqLOA_X_Kph_u10p6[3]	8448		
t_TrqLOA_X_Kph_u10p6[4]	8512		
t_TrqLOA_X_Kph_u10p6[5]	8576		
t_TrqLOA_X_Kph_u10p6[6]	8640		
t_TrqLOA_X_Kph_u10p6[7]	8704		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuth	hority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSec	Sq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target TrqLOA Per1 LatAccelValid	Cnt lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtr		
target Rte Inst Ap TrgLOA.TrgLOA Per1 MtrVelCRF MtrRadpS f32	target_TrqLOA_Per1_MtrVelCRF_Mtr		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_Hw	. –	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_0		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_M		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedV		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_		
		.τριισε	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.415122271		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-1.57159448		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	282.348785		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-184.202667		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	156.933716		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.877997816	0.877997816	~
TrqLOA LatAccelSV g M Str.SV UIs f32	0.321418583	0.321418583 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.480407476	-0.480407506 ± 0.01	~
TrqLOA_TloaCmd_MtrNm_M_f32	-0.480407476	-0.480407506 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.668656945	0.668656945 ± 0.01	_
target TrqLOA Per1 TrqLOAAvail Cnt Igc.value	0	0	-
tangot_inquor_i ori_inquoravall_orit_igo.value	·	,	

-0.480407476

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value

-0.480407506 ± 0.01





Test Step 2.69 (Repeat Count = 1)	Innuit Value
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.450142264
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.40000006
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0460000001 -5.98117018
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 TrqLOA_TloaCmd_MtrNm_M_f32	-8
TrqLOA_Troacrid_MitNin_w_is2 TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	4.63728714
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	500.544464
k TrgLOA DiffScaleRateLimiterFalling UlspS f32	-49.6310883
k TrqLOA DiffScaleRateLimiterRising UlspS f32	63.2887993
k TrgLOA FallingRampRate UlspS f32	-500.5
k_TrqLOA_LatAccConversionFactor_Uls_f32	3.92292833
k_TrqLOA_LimOutput_MtrNm_f32	6.08133841
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	0.504637361
k_TrqLOA_NomDrvTrq_MtrNm_f32	5.92160225
k_TrqLOA_RisingRampRate_UlspS_f32	152.770966
k_TrqLOA_SteerRatio_Uls_f32	75.8167191
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	11.2628651
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830 6554
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503
	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3] t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503
t2_rrqLoA_DiffGainY_Uls_u1p15[5][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	6554
12_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830
t_TrqLOA_DiffGainX_G_u2p14[0]	12288
t_TrqLOA_DiffGainX_G_u2p14[1]	13271
t_TrqLOA_DiffGainX_G_u2p14[2]	14909
t_TrqLOA_DiffGainX_G_u2p14[3]	19661
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	9920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	10240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	10560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	10880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	11200
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4915		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	9421		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15155		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16384		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	18432		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	23347		
t_TrqLOA_X_Kph_u10p6[0]	8768		
t_TrqLOA_X_Kph_u10p6[1]	8832		
t_TrqLOA_X_Kph_u10p6[2]	8896		
t_TrqLOA_X_Kph_u10p6[3]	8960		
t_TrqLOA_X_Kph_u10p6[4]	9024		
t_TrqLOA_X_Kph_u10p6[5]	9088		
t_TrqLOA_X_Kph_u10p6[6]	9152		
t_TrqLOA_X_Kph_u10p6[7]	9216		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	ed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.37202704		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-6.50802565		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-466.120972		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	260.477936		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	22.5641785		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.350880086	0.350880086	•
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.382500827	0.382500827 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.998999953	1 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	•

Test Step 2.70 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.352974415
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.550000012
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0474999994
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-2.62539387
TrqLOA_TloaCmd_MtrNm_M_f32	-7.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.729070425
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	6.7219696
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	692.47583
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-19.6143894
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	29.4690685
k_TrqLOA_FallingRampRate_UlspS_f32	-981.129272
k_TrqLOA_LatAccConversionFactor_Uls_f32	5.25146341
k_TrqLOA_LimOutput_MtrNm_f32	8.80000019
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	7.21190357
k_TrqLOA_RisingRampRate_UlspS_f32	0
k_TrqLOA_SteerRatio_Uls_f32	96.7189789
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	5.73355579
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158

2015-06-23, 13:48:37+0530

TrqLOA_Per1



Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124 12780
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2] t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[4][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2] t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	12780 13107
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158
t2 TrqLOA DiffGainY Uls u1p15[5][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107
t_TrqLOA_DiffGainX_G_u2p14[0] t_TrqLOA_DiffGainX_G_u2p14[1]	14090 15073
t_TrqLOA_DiffGainX_G_u2p14[1]	17039
t_TrqLOA_DiffGainX_G_u2p14[3]	22938
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	11520
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	11840
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	12160
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	12480
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	12800
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	22938 53248
t TrqLOA_LatAccGain_Y MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934
t TrqLOA LatAccGain Y MtrNmpG u4p12[4]	58163
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	5734
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	10650
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15974
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16794
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	19251 20890
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	20890
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24166
t_TrqLOA_X_Kph_u10p6[0]	9280
t_TrqLOA_X_Kph_u10p6[1]	9344
t_TrqLOA_X_Kph_u10p6[2]	9408
t_TrqLOA_X_Kph_u10p6[3]	9472
t_TrqLOA_X_Kph_u10p6[4]	9536
t_TrqLOA_X_Kph_u10p6[5]	9600
t_TrqLOA_X_Kph_u10p6[6]	9664
t_TrqLOA_X_Kph_u10p6[7]	9728
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
	TOTAL TRAILIN HOTEL OTROO BENCOCK #27
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc

 $target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value$





Name	Input Value		
target Rte Inst Ap TrqLOA.TrqLOA Per1 MtrVelCRF MtrRadpS f32	target TrgLOA Per1 MtrVelC	RF MtrRadpS f32	
target Rte Inst Ap TrqLOA.TrqLOA Per1 RelHwPos HwDeg f32	target TrqLOA Per1 RelHwP	_ , _	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOA	Avail_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target TrgLOA Per1 VehicleSpeedValid Cnt Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.915942907		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-4.80525494		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1150.30505		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-733.556641		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	252.386963		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.399993896	0.399993896	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.499824852	0.499824852 ± 0.01	→
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0	0 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	-0	0 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.729070425	-0.729070425 ± 0.01	•
target TrgLOA Per1 TrgLOAAvail Cnt lgc.value	0	0	•

-0

0 ± 0.01

Test Step 2.71 (Repeat Count = 1) Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA LatAccScaleFactor Uls M f32	1
TrqLOA_LatAccelSV g M Str.SV Uls f32	0.60000024
·	0.0480000004
TrqLOA_LatAccelSV_g_M_Str.K_UIs_f32	-7.12119102
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-7.12119102 -7
TrqLOA_TloaCmd_MtrNm_M_f32	2
TrqLOA_AbaAssidThreshold_Mthles_632	10
<_TrqLOA_Abs\sistThreshold_MtrNm_f32	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	992.637268
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-38.2450409
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	17.5841713
k_TrqLOA_FallingRampRate_UlspS_f32	-548.188599
k_TrqLOA_LatAccConversionFactor_Uls_f32	4.4588685
k_TrqLOA_LimOutput_MtrNm_f32	3.571872
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	7.36693668
k_TrqLOA_RisingRampRate_UlspS_f32	1000
<_TrqLOA_SteerRatio_Uls_f32	49.0706635
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	1.79803026
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	15729
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729
2 TrqLOA DiffGainY Uls u1p15[4][2]	17039
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	19661
12_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661
	ļ.
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0] © Report created by TESSY V3.2.5, report template V2.4	13763

 $\ensuremath{\texttt{©}}$ Report created by TESSY V3.2.5, report template V2.4

2015-06-23, 13:48:37+0530





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729		
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	17039		
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	19661		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661		
t_TrqLOA_DiffGainX_G_u2p14[0]	15892		
t_TrqLOA_DiffGainX_G_u2p14[1]	16876		
t_TrqLOA_DiffGainX_G_u2p14[2]	19169		
t_TrqLOA_DiffGainX_G_u2p14[3]	26214		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	13120		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	13440		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	13760		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	14080		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	14400		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	6554		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	11878		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	16794		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24986 9792		
t_TrqLOA_X_Kph_u10p6[0]	9856		
t_TrqLOA_X_Kph_u10p6[1]	9920		
t_TrqLOA_X_Kph_u10p6[2]	9984		
t_TrqLOA_X_Kph_u10p6[3]	10048		
t_TrqLOA_X_Kph_u10p6[4]	10112		
t_TrqLOA_X_Kph_u10p6[5]	10176		
t_TrqLOA_X_Kph_u10p6[6]	10240		
t_TrqLOA_X_Kph_u10p6[7]	target TrqLOA Per1 HandwheelAu	thority I llo f22	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA Per1_LatAcc MpSecSq f32		,	
target Rte Inst Ap TrqLOA.TrqLOA Perl LatAccelValid Cnt lqc	target_TrqLOA_Per1_LatAcc_MpSe target TrqLOA Per1_LatAccelValid		
target Rte Inst Ap TrqLOA.TrqLOA Per1 MotAgLoaMtgtnEn Cnt Igc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoamtgtnEn_Cnt_lgc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MotAgLoaMtg target_TrqLOA_Per1_MtrVelCRF_M		
target Rte Inst Ap TrqLOA.TrqLOA Per1 RelHwPos HwDeg f32	target_TrqLOA_Per1_RelHwPos_Hv	. –	
target Rte Inst Ap TrqLOA.TrqLOA Per1 TrqLOAAvail Cnt Igc	target_TrqLOA_Per1_TrqLOAAvail_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_intrivin_isz target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeed		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target TrqLOA_Per1_VehicleSpeed		
target TrqLOA Per1 HandwheelAuthority Uls f32.value	1	poz	
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	1.14730155		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-762.080994		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	939.793945		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	434.329437		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_UIs_M_f32	0.923509896	0.923509896	result
TrqLOA LatAccelSV g M Str.SV UIs f32	0.635068953	0.635068953 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.633066953	0.035006953 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	_
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01	
target TrqLOA Per1 TrqLOAAvail Cnt Igc.value	0	0	
tangotqco/t_rorr_mqco/vvaii_onit_igo.vaiuc		·	

0

0 ± 0.01





Test Step 2.72 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.482875586
TrgLOA LatAccelSV g M Str.SV Uls f32	0.64999976
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0485000014
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-5.76398754
TrqLOA_TloaCmd_MtrNm_M_f32	-6.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.95558393
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	2.40372181
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	892.451904
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-25.6837158
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32 k_TrqLOA_FallingRampRate_UlspS_f32	40.0898781 -309.647156
k_TrqLOA_railingRaffpRate_Oisp5_152 k_TrqLOA_LatAccConversionFactor_Uls_f32	1.89426363
k TrqLOA LimOutput MtrNm f32	4.30061722
k_TrqLOA_MaxScaleFactor_UIs_f32	0.480428934
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	7.92765474
k_TrqLOA_RisingRampRate_UlspS_f32	922.5
k_TrqLOA_SteerRatio_Uls_f32	70.3542328
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	18.7433701
t2_TrqLOA_DiffGainY_UIs_u1p15[0][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333 21299
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2] t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214
t2_TrqLOA_DiffGainY_UIs_u1p15[3][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333 21299
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214
t2 TrqLOA DiffGainY Uls u1p15[4][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333 21299
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2] t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	26214
t_TrqLOA_DiffGainX_G_u2p14[0]	17695
t_TrqLOA_DiffGainX_G_u2p14[1]	18678
t_TrqLOA_DiffGainX_G_u2p14[2]	21299
t_TrqLOA_DiffGainX_G_u2p14[3]	29491
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	14720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	15040 15360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	15680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	16000
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	7373		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	13107		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	17613		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17613		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	22528		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	25395		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	25805		
t_TrqLOA_X_Kph_u10p6[0]	10304		
t_TrqLOA_X_Kph_u10p6[1]	10368		
t_TrqLOA_X_Kph_u10p6[2]	10432		
t_TrqLOA_X_Kph_u10p6[3]	10496		
t_TrqLOA_X_Kph_u10p6[4]	10560		
t_TrqLOA_X_Kph_u10p6[5]	10624		
t_TrqLOA_X_Kph_u10p6[6]	10688		
t_TrqLOA_X_Kph_u10p6[7]	10752		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target TrqLOA Per1 VehicleSpeedValid Cnt Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA.TrqLOA Per1_VehicleSpeed Kph f32	target_TrqLOA_Per1_VehicleSpeed_		
target TrqLOA Per1 HandwheelAuthority Uls f32.value	0.522736549	_Nρ11_132	
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	1.15578187		
target TrqLOA Per1 LatAccelValid Cnt Igc.value	1		
target TrqLOA Per1 MotAgLoaMtgtnEn Cnt Igc.value	0		
target TrqLOA Per1 MtrVelCRF MtrRadpS f32.value	1699.8855		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-644.580872		
target TrqLOA Per1 VehicleSpeedValid Cnt Igc.value	0		
target TrqLOA Per1 VehicleSpeed Kph f32.value	469.095764		
Name	Actual Value	Expected Value	Result
TrgLOA LatAccScaleFactor Uls M f32	0.529998779	0.529998779	Result
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.588741004	0.588741064 ± 0.01	
TrqLOA ScaledMtrTrqCmd MtrNm M f32	0	0 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01	
target TrqLOA Per1 TrqLOAAvail Cnt lqc.value	0	0	
target TrqLOA Per1 TrqLOACmd MtrNm f32.value	0	0 ± 0.01	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.774724126	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.10000001	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0489999987	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-7.1575346	
TrqLOA_TloaCmd_MtrNm_M_f32	-6	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.2461462	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	481.298553	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-65.9383087	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	81.4572144	
k_TrqLOA_FallingRampRate_UlspS_f32	-945.174316	
k_TrqLOA_LatAccConversionFactor_Uls_f32	10	
k_TrqLOA_LimOutput_MtrNm_f32	5.79835415	
k_TrqLOA_MaxScaleFactor_Uls_f32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	0.219910979	
k_TrqLOA_NomDrvTrq_MtrNm_f32	5.00554752	
k_TrqLOA_RisingRampRate_UlspS_f32	222.336975	
k_TrqLOA_SteerRatio_Uls_f32	90.237648	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	7.58481121	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	4915
t2_TrqLOA_DiffGainY_UIs_u1p15[0][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[2][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[4][2]	4915
t2_TrqLOA_DiffGainY_UIs_u1p15[4][3]	6226 655
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0] t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[5][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226
t2 TrqLOA DiffGainY UIs u1p15[7][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[7][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	6226
t_TrqLOA_DiffGainX_G_u2p14[0]	328
t_TrqLOA_DiffGainX_G_u2p14[1]	1229
t_TrqLOA_DiffGainX_G_u2p14[2]	2458
t_TrqLOA_DiffGainX_G_u2p14[3]	3113
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	16320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	16640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	16960
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	17280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	17600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	0
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	0
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	0
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	0
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	0
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	41779 45056
	45875
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152
t TrgLOA LatAccGain Y MtrNmpG u4p12[7]	49152
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	8192
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	14336
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	18432
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18022
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	21709
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	23347
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	26624
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	26624
t_TrqLOA_X_Kph_u10p6[0]	10816
t_TrqLOA_X_Kph_u10p6[1]	10880
t_TrqLOA_X_Kph_u10p6[2]	10944
t_TrqLOA_X_Kph_u10p6[3]	11008
t_TrqLOA_X_Kph_u10p6[4]	11072
t_TrqLOA_X_Kph_u10p6[5]	11136
t_TrqLOA_X_Kph_u10p6[6]	11200
t_TrqLOA_X_Kph_u10p6[7]	11264
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc



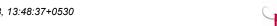


Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAv	ail_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACr	nd_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSp	eedValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSp	eed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-6.53060865		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	188.256973		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	179.700195		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	255.015533		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.642847538	0.642847478	✓
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.101530932	0.101530932 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	~
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.219910979	0.219910979 ± 0.01	✓
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	✓

Inst_Ap_TrqLOA target_ OA_LatAccScaleFactor_Uls_M_f32 0.6407 OA_LatAccelSV_g_M_Str.SV_Uls_f32 0.1500	00006 999997 68427 078046 1976 4646 61732 3337 16625 9964 0019 87353 64234
OA_LatAccScaleFactor_UIs_M_f32	55653 50006 599997 58427 578046 1976 4646 51732 3337 16625 19964 10019 187353 164234
OA_LatAccelSV_g_M_Str.K_Uls_f32 0.1500 OA_LatAccelSV_g_M_Str.K_Uls_f32 0.0494 OA_ScaledMtrTrqCmd_MtrNm_M_f32 -2.873 OA_TrqBasedScaleFactor_Uls_M_f32 -5.5 OA_TrqBasedScaleFactor_Uls_M_f32 -0.394 qLOA_AbsAssistThreshold_MtrRadpS_f32 784.32 qLOA_AbsAssitThreshold_MtrRadpS_f32 784.32 qLOA_DiffScaleRateLimiterFalling_UlspS_f32 44.77 qLOA_DiffScaleRateLimiterRising_UlspS_f32 28.389 qLOA_FallingRampRate_UlspS_f32 -342.4 qLOA_LatAccConversionFactor_Uls_f32 5.0207 qLOA_MaxScaleFactor_Uls_f32 0.4790 qLOA_MinScaleFactor_Uls_f32 0.8210 qLOA_NomDrvTrq_MtrNm_f32 2.1792 qLOA_NomDrvTrq_MtrNm_f32 2.1792 qLOA_NomDrvTrq_MtrNm_f32 2.1792 qLOA_NomDrvTrq_MtrNm_f32 2.1792 qLOA_DA_SisingRampRate_UlspS_f32 114.81 qLOA_UndersteerGrad_RadpG_f32 0.25 qLOA_DiffGainY_Uls_u1p15[0][0] 6554 qLOA_DiffGainY_Uls_u1p15[0][1] 8192 qLOA_DiffGainY_Uls_u1p15[1][1] 8192 qLOA_DiffGainY_U	00006 999997 68427 078046 1976 4646 61732 3337 16625 9964 0019 87353 64234
OA_LatAccelSV_g_M_Str.K_Uis_f32 0.0494 OA_ScaledMtrTrqCmd_MtrNm_M_f32 -2.873 OA_TloaCmd_MtrNm_M_f32 -5.5 OA_TrqBasedScaleFactor_Uis_M_f32 -0.394 qLOA_AbsVelThreshold_MtrRadpS_f32 784.32 qLOA_AbsVelThreshold_MtrRadpS_f32 784.32 qLOA_DiffScaleRateLimiterFalling_UispS_f32 44.77 qLOA_DiffScaleRateLimiterRising_UispS_f32 28.389 qLOA_FallingRampRate_UispS_f32 342.4 qLOA_InfloateRateLimiterRising_UispS_f32 342.4 qLOA_LimOutput_MtrNm_f32 5.0207 qLOA_LimOutput_MtrNm_f32 8.8000 qLOA_MaxScaleFactor_Uis_f32 0.4790 qLOA_MinScaleFactor_Uis_f32 0.8210 qLOA_NomDrvTrq_MtrNm_f32 2.1792 qLOA_NomDrvTrq_MtrNm_f32 2.1792 qLOA_NomDrvTrq_MtrNm_f32 2.1792 qLOA_UndersteerGrad_RadpG_f32 0.25 qLOA_UndersteerGrad_RadpG_f32 0.25 qLOA_DiffGainY_Uis_u1p15[0][0] 6554 qLOA_DiffGainY_Uis_u1p15[0][1] 8192 qLOA_DiffGainY_Uis_u1p15[1][1] 8192 qLOA_DiffGainY_Uis_u1p15[2][1]	999997 68427 678046 1976 4646 61732 3337 16625 19964 10019 187353 164234
OA_ScaledMtrTrqCmd_MtrNm_M_f32 -2.873 OA_TloaCmd_MtrNm_M_f32 -5.5 OA_TrqBasedScaleFactor_Uls_M_f32 -0.394 qLOA_AbsAssistThreshold_MtrNm_f32 -2.2570 qLOA_AbsVelThreshold_MtrRadpS_f32 -784.32 qLOA_DiffScaleRateLimiterFalling_UlspS_f32 -44.773 qLOA_DiffScaleRateLimiterFalling_UlspS_f32 -342.44 qLOA_DiffScaleRateLimiterRising_UlspS_f32 -342.44 qLOA_DiffScaleRateLimiterRising_UlspS_f32 -342.44 qLOA_LimOutput_MtrNm_f32 -342.44 qLOA_LimOutput_MtrNm_f32 -342.44 qLOA_MaxScaleFactor_Uls_f32 -0.4790 qLOA_MinScaleFactor_Uls_f32 -0.4790 qLOA_MinScaleFactor_Uls_f32 -0.8210 qLOA_NomDrvTrq_MtrNm_f32 -2.1792 qLOA_NomDrvTrq_MtrNm_f32 -2.1792 qLOA_UndersteerGrad_RadpG_f32 -0.25 qLOA_UndersteerGrad_RadpG_f32 -0.25 qLOA_UndersteerGrad_RadpG_f32 -0.25 qLOA_DiffGainy_Uls_ulp15[0][1] -1.00 qLOA_DiffGainy_Uls_ulp15[0][1] -1.00 qLOA_DiffGainy_Uls_ulp15[0][2] -1.00 qLOA_DiffGainy_Uls_ulp15[1][1] -1.00 qLOA_DiffGainy_Uls_ulp15[2][1] -1.00 qLOA_DiffGainy_Uls_ulp15[2][2] -1.00 qLOA_DiffGainy_Uls_ulp15[3][1] -1.00 qLOA_DiffGa	88427 978046 1976 4646 61732 3337 16625 19964 10019 197353 164234
OA_TloaCmd_MtrNm_M_f32	978046 1976 4646 51732 3337 46625 9964 9019 87353 64234
OA_TrqBasedScaleFactor_Uls_M_f32	1976 4646 51732 3337 46625 9964 9019 87353 64234
QLOA_AbsAssistThreshold_MtrNm_f32	1976 4646 51732 3337 46625 9964 9019 87353 64234
ALOA_AbsVeIThreshold_MtrRadpS_f32 784.32 784.32 784.32 784.32 784.32 784.32 784.773 784.32 784.773 784.32 784.773 784.32 784.773 784.32 784.773 784.32 784.773 784.32 784.773 784.32 784	4646 51732 3337 46625 9964 9019 87353 64234
Autona A	51732 3337 86625 9964 9019 87353 64234
28.389	3337 6625 9964 0019 87353 64234
-342.4 -34.0A_FallingRampRate_UlspS_132 -342.4 -34.0A_LatAccConversionFactor_Uls_132 5.0207 -34.0A_LimOutput_MtrNm_132 8.8000 -34.0A_MaxScaleFactor_Uls_132 0.4790 -34.0A_MinScaleFactor_Uls_132 0.8210 -34.0A_NomDrvTrq_MtrNm_132 2.1792 -34.0A_RisingRampRate_UlspS_132 114.81 -34.0A_SteerRatio_Uls_132 2.3135 -34.0A_UndersteerGrad_RadpG_132 2.7468 -34.0A_DiffGainY_Uls_u1p15[0][0] 6554 -34.0A_DiffGainY_Uls_u1p15[0][1] 8192 -34.0A_DiffGainY_Uls_u1p15[0][2] 9503 -34.0A_DiffGainY_Uls_u1p15[0][3] 9830 -34.0A_DiffGainY_Uls_u1p15[1][1] 8192 -34.0A_DiffGainY_Uls_u1p15[1][1] 9503 -34.0A_DiffGainY_Uls_u1p15[1][1] 9503 -34.0A_DiffGainY_Uls_u1p15[1][2] 9503 -34.0A_DiffGainY_Uls_u1p15[2][0] 6554 -34.0A_DiffGainY_Uls_u1p15[2][0] 9503 -34.0A_DiffGainY_Uls_u1p15[2][0] 9503 -34.0A_DiffGainY_Uls_u1p15[3][0] 9503 -34.0A_DiffGainY_Uls_u1p15[3]	9964 9964 9019 87353 64234
S.0207 S	9964 0019 87353 64234 2974
### ### ##############################	0019 87353 64234 2974
QLOA_MaxScaleFactor_Uls_f32 0.4790	87353 64234 2974
QLOA_MinScaleFactor_Uls_f32	64234 2974
qLOA_NomDrvTrq_MtrNm_f32 2.1792 qLOA_RisingRampRate_UlspS_f32 114.81 qLOA_SteerRatio_Uls_f32 23.135 qLOA_UndersteerGrad_RadpG_f32 0.25 qLOA_Wheelbase_M_f32 2.7468 qLOA_DiffGainY_Uls_u1p15[0][0] 6554 qLOA_DiffGainY_Uls_u1p15[0][1] 8192 qLOA_DiffGainY_Uls_u1p15[0][2] 9503 qLOA_DiffGainY_Uls_u1p15[0][3] 9830 qLOA_DiffGainY_Uls_u1p15[1][0] 6554 qLOA_DiffGainY_Uls_u1p15[1][1] 8192 qLOA_DiffGainY_Uls_u1p15[1][1] 9503 qLOA_DiffGainY_Uls_u1p15[1][2] 9503 qLOA_DiffGainY_Uls_u1p15[2][0] 6554 qLOA_DiffGainY_Uls_u1p15[2][1] 8192 qLOA_DiffGainY_Uls_u1p15[2][1] 9503 qLOA_DiffGainY_Uls_u1p15[2][2] 9503 qLOA_DiffGainY_Uls_u1p15[3][0] 6554 qLOA_DiffGainY_Uls_u1p15[3][1] 8192 qLOA_DiffGainY_Uls_u1p15[3][1] 8192 qLOA_DiffGainY_Uls_u1p15[3][2] 9503 qLOA_DiffGainY_Uls_u1p15[3][2] 9503 qLOA_DiffGainY_Uls_u1p15[3][2] 9503 qLOA_DiffGainY_Uls_u1p15[3][2] 9503	2974
114.81	
23.135	
qLOA_UndersteeGrad_RadpG_f32 0.25 qLOA_Wheelbase_M_f32 2.7468 qLOA_DiffGainY_Uls_u1p15[0][0] 6554 qLOA_DiffGainY_Uls_u1p15[0][1] 8192 qLOA_DiffGainY_Uls_u1p15[0][2] 9503 qLOA_DiffGainY_Uls_u1p15[0][3] 9830 qLOA_DiffGainY_Uls_u1p15[1][0] 6554 qLOA_DiffGainY_Uls_u1p15[1][1] 8192 qLOA_DiffGainY_Uls_u1p15[1][2] 9503 qLOA_DiffGainY_Uls_u1p15[1][3] 9830 qLOA_DiffGainY_Uls_u1p15[2][0] 6554 qLOA_DiffGainY_Uls_u1p15[2][1] 8192 qLOA_DiffGainY_Uls_u1p15[2][1] 8192 qLOA_DiffGainY_Uls_u1p15[2][2] 9503 qLOA_DiffGainY_Uls_u1p15[3][0] 6554 qLOA_DiffGainY_Uls_u1p15[3][0] 6554 qLOA_DiffGainY_Uls_u1p15[3][1] 8192 qLOA_DiffGainY_Uls_u1p15[3][1] 8192 qLOA_DiffGainY_Uls_u1p15[3][2] 9503 qLOA_DiffGainY_Uls_u1p15[3][2] 9503 qLOA_DiffGainY_Uls_u1p15[3][2] 9503 qLOA_DiffGainY_Uls_u1p15[3][2] 9503 qLOA_DiffGainY_Uls_u1p15[3][2] 9503 qLOA_DiffGainY_Uls_u1p15[3][2] 9503	
2.7468 rqLOA_DiffGainY_Uls_u1p15[0][0] 6554 rqLOA_DiffGainY_Uls_u1p15[0][1] 8192 rqLOA_DiffGainY_Uls_u1p15[0][2] 9503 rqLOA_DiffGainY_Uls_u1p15[0][3] 9830 rqLOA_DiffGainY_Uls_u1p15[1][0] 6554 rqLOA_DiffGainY_Uls_u1p15[1][1] 8192 rqLOA_DiffGainY_Uls_u1p15[1][2] 9503 rqLOA_DiffGainY_Uls_u1p15[1][2] 9503 rqLOA_DiffGainY_Uls_u1p15[1][3] 9830 rqLOA_DiffGainY_Uls_u1p15[1][3] 9830 rqLOA_DiffGainY_Uls_u1p15[2][0] 6554 rqLOA_DiffGainY_Uls_u1p15[2][0] 9654 rqLOA_DiffGainY_Uls_u1p15[2][1] 8192 rqLOA_DiffGainY_Uls_u1p15[2][2] 9603 rqLOA_DiffGainY_Uls_u1p15[2][3] 9830 rqLOA_DiffGainY_Uls_u1p15[3][1] rqLOA_DiffGainY_Uls_u1p15[3][1] rqLOA_DiffGainY_Uls_u1p15[3][1] rqLOA_DiffGainY_Uls_u1p15[3][2] rqLOA_DiffGainY_Uls_u1p15[3][2] rqLOA_DiffGainY_Uls_u1p15[3][2] rqLOA_DiffGainY_Uls_u1p15[3][2] rqLOA_DiffGainY_Uls_u1p15[3][2] rqLOA_DiffGainY_Uls_u1p15[3][3] rqLOA_DiffGainY_Uls_u1p15[3][3] rqLOA_DiffGainY_Uls_u1p15[3][3] rqLOA_DiffGainY_Uls_u1p15[3][3] rqLOA_DiffGainY_Uls_u1p15[3][3] rqLOA_DiffGainY_Uls_u1p15[3][3]	0193
rqLOA_DiffGainY_Uls_u1p15[0][0] 6554 rqLOA_DiffGainY_Uls_u1p15[0][1] 8192 rqLOA_DiffGainY_Uls_u1p15[0][2] 9503 rqLOA_DiffGainY_Uls_u1p15[0][3] 9830 rqLOA_DiffGainY_Uls_u1p15[1][0] 6554 rqLOA_DiffGainY_Uls_u1p15[1][1] 8192 rqLOA_DiffGainY_Uls_u1p15[1][2] 9503 rqLOA_DiffGainY_Uls_u1p15[1][3] 9830 rqLOA_DiffGainY_Uls_u1p15[1][3] 9830 rqLOA_DiffGainY_Uls_u1p15[2][0] 6554 rqLOA_DiffGainY_Uls_u1p15[2][1] 8192 rqLOA_DiffGainY_Uls_u1p15[2][2] 9503 rqLOA_DiffGainY_Uls_u1p15[2][2] 9503 rqLOA_DiffGainY_Uls_u1p15[2][2] 9503 rqLOA_DiffGainY_Uls_u1p15[2][3] 9830 rqLOA_DiffGainY_Uls_u1p15[3][0] 6554 rqLOA_DiffGainY_Uls_u1p15[3][1] 8192 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830	
rqLOA_DiffGainY_Uls_u1p15[0][1] 8192 rqLOA_DiffGainY_Uls_u1p15[0][2] 9503 rqLOA_DiffGainY_Uls_u1p15[0][3] 9830 rqLOA_DiffGainY_Uls_u1p15[1][0] 6554 rqLOA_DiffGainY_Uls_u1p15[1][1] 8192 rqLOA_DiffGainY_Uls_u1p15[1][2] 9503 rqLOA_DiffGainY_Uls_u1p15[1][3] 9830 rqLOA_DiffGainY_Uls_u1p15[2][0] 6554 rqLOA_DiffGainY_Uls_u1p15[2][1] 8192 rqLOA_DiffGainY_Uls_u1p15[2][2] 9503 rqLOA_DiffGainY_Uls_u1p15[2][2] 9503 rqLOA_DiffGainY_Uls_u1p15[2][3] 9830 rqLOA_DiffGainY_Uls_u1p15[3][0] 6554 rqLOA_DiffGainY_Uls_u1p15[3][1] 8192 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[4][0] 6554	5764
qLOA_DiffGainY_Uls_u1p15[0][2] 9503 qLOA_DiffGainY_Uls_u1p15[0][3] 9830 qLOA_DiffGainY_Uls_u1p15[1][0] 6554 qLOA_DiffGainY_Uls_u1p15[1][1] 8192 qLOA_DiffGainY_Uls_u1p15[1][2] 9503 qLOA_DiffGainY_Uls_u1p15[1][3] 9830 qLOA_DiffGainY_Uls_u1p15[2][0] 6554 qLOA_DiffGainY_Uls_u1p15[2][1] 8192 qLOA_DiffGainY_Uls_u1p15[2][2] 9503 qLOA_DiffGainY_Uls_u1p15[2][2] 9503 qLOA_DiffGainY_Uls_u1p15[2][3] 9830 qLOA_DiffGainY_Uls_u1p15[3][0] 6554 qLOA_DiffGainY_Uls_u1p15[3][1] 8192 qLOA_DiffGainY_Uls_u1p15[3][2] 9503 qLOA_DiffGainY_Uls_u1p15[3][2] 9503 qLOA_DiffGainY_Uls_u1p15[3][2] 9503 qLOA_DiffGainY_Uls_u1p15[3][2] 9503 qLOA_DiffGainY_Uls_u1p15[3][2] 9503 qLOA_DiffGainY_Uls_u1p15[3][3] 9830 qLOA_DiffGainY_Uls_u1p15[3][3] 9830 qLOA_DiffGainY_Uls_u1p15[4][0] 6554	
rqLOA_DiffGainY_Uls_u1p15[0][3] 9830 rqLOA_DiffGainY_Uls_u1p15[1][0] 6554 rqLOA_DiffGainY_Uls_u1p15[1][1] 8192 rqLOA_DiffGainY_Uls_u1p15[1][2] 9503 rqLOA_DiffGainY_Uls_u1p15[1][3] 9830 rqLOA_DiffGainY_Uls_u1p15[2][0] 6554 rqLOA_DiffGainY_Uls_u1p15[2][1] 8192 rqLOA_DiffGainY_Uls_u1p15[2][2] 9503 rqLOA_DiffGainY_Uls_u1p15[2][3] 9830 rqLOA_DiffGainY_Uls_u1p15[3][0] 6554 rqLOA_DiffGainY_Uls_u1p15[3][1] 8192 rqLOA_DiffGainY_Uls_u1p15[3][1] 8192 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[4][0] 6554	
rqLOA_DiffGainY_Uls_u1p15[1][0] 6554 rqLOA_DiffGainY_Uls_u1p15[1][1] 8192 rqLOA_DiffGainY_Uls_u1p15[1][2] 9503 rqLOA_DiffGainY_Uls_u1p15[1][3] 9830 rqLOA_DiffGainY_Uls_u1p15[2][0] 6554 rqLOA_DiffGainY_Uls_u1p15[2][1] 8192 rqLOA_DiffGainY_Uls_u1p15[2][2] 9503 rqLOA_DiffGainY_Uls_u1p15[2][2] 9503 rqLOA_DiffGainY_Uls_u1p15[2][3] 9830 rqLOA_DiffGainY_Uls_u1p15[3][0] 6554 rqLOA_DiffGainY_Uls_u1p15[3][1] 8192 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[4][0] 6554	
rqLOA_DiffGainY_Uls_u1p15[1][1] 8192 rqLOA_DiffGainY_Uls_u1p15[1][2] 9503 rqLOA_DiffGainY_Uls_u1p15[1][2] 9830 rqLOA_DiffGainY_Uls_u1p15[2][0] 6554 rqLOA_DiffGainY_Uls_u1p15[2][1] 8192 rqLOA_DiffGainY_Uls_u1p15[2][2] 9503 rqLOA_DiffGainY_Uls_u1p15[2][2] 9830 rqLOA_DiffGainY_Uls_u1p15[2][3] 9830 rqLOA_DiffGainY_Uls_u1p15[3][0] 6554 rqLOA_DiffGainY_Uls_u1p15[3][1] 8192 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[4][0] 6554	
rqLOA_DiffGainY_Uls_u1p15[1][2] 9503 rqLOA_DiffGainY_Uls_u1p15[1][3] 9830 rqLOA_DiffGainY_Uls_u1p15[2][0] 6554 rqLOA_DiffGainY_Uls_u1p15[2][1] 8192 rqLOA_DiffGainY_Uls_u1p15[2][2] 9503 rqLOA_DiffGainY_Uls_u1p15[2][3] 9830 rqLOA_DiffGainY_Uls_u1p15[3][0] 6554 rqLOA_DiffGainY_Uls_u1p15[3][1] 8192 rqLOA_DiffGainY_Uls_u1p15[3][1] 8192 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[4][0] 6554	
rqLOA_DiffGainY_Uls_u1p15[1][3] 9830 rqLOA_DiffGainY_Uls_u1p15[2][0] 6554 rqLOA_DiffGainY_Uls_u1p15[2][1] 8192 rqLOA_DiffGainY_Uls_u1p15[2][2] 9503 rqLOA_DiffGainY_Uls_u1p15[2][3] 9830 rqLOA_DiffGainY_Uls_u1p15[3][0] 6554 rqLOA_DiffGainY_Uls_u1p15[3][1] 8192 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[4][0] 6554	
rqLOA_DiffGainY_Uls_u1p15[2][0] 6554 rqLOA_DiffGainY_Uls_u1p15[2][1] 8192 rqLOA_DiffGainY_Uls_u1p15[2][2] 9503 rqLOA_DiffGainY_Uls_u1p15[2][3] 9830 rqLOA_DiffGainY_Uls_u1p15[3][0] 6554 rqLOA_DiffGainY_Uls_u1p15[3][1] 8192 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[4][0] 6554	
rqLOA_DiffGainY_Uls_u1p15[2][1] 8192 rqLOA_DiffGainY_Uls_u1p15[2][2] 9503 rqLOA_DiffGainY_Uls_u1p15[2][3] 9830 rqLOA_DiffGainY_Uls_u1p15[3][0] 6554 rqLOA_DiffGainY_Uls_u1p15[3][1] 8192 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[4][0] 6554	
rqLOA_DiffGainY_Uls_u1p15[2][2] 9503 rqLOA_DiffGainY_Uls_u1p15[2][3] 9830 rqLOA_DiffGainY_Uls_u1p15[3][0] 6554 rqLOA_DiffGainY_Uls_u1p15[3][1] 8192 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[4][0] 6554	
rqLOA_DiffGainY_Uls_u1p15[2][3] 9830 rqLOA_DiffGainY_Uls_u1p15[3][0] 6554 rqLOA_DiffGainY_Uls_u1p15[3][1] 8192 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[4][0] 6554	
rqLOA_DiffGainY_Uls_u1p15[3][0] 6554 rqLOA_DiffGainY_Uls_u1p15[3][1] 8192 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[4][0] 6554	
rqLOA_DiffGainY_Uls_u1p15[3][1] 8192 rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[4][0] 6554	
rqLOA_DiffGainY_Uls_u1p15[3][2] 9503 rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[4][0] 6554	
rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[4][0] 6554	
rqLOA_DiffGainY_Uls_u1p15[3][3] 9830 rqLOA_DiffGainY_Uls_u1p15[4][0] 6554	
rqLOA_DiffGainY_Uls_u1p15[4][0] 6554	
rgLOA DiffGainY Uls u1p15[4][2] 9503	
rqLOA_DiffGainY_Uls_u1p15[4][3] 9830	
rqLOA_DiffGainY_Uls_u1p15[5][0] 6554	
rqLOA_DiffGainY_Uls_u1p15[5][1] 8192	
rqLOA_DiffGainY_Uls_u1p15[5][2] 9503	
rqLOA_DiffGainY_Uls_u1p15[5][3] 9830	
rqLOA_DiffGainY_Uls_u1p15[6][0] 6554	

 $\ensuremath{\texttt{©}}$ Report created by TESSY V3.2.5, report template V2.4

2015-06-23, 13:48:37+0530





© Report created by TESSY V3.2.5, report template V2.4

134





Test Step 2.75 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target Rte Inst Ap TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.192929626
TrqLOA LatAccelSV g M Str.SV Uls f32	0.20000003
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0500000007
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-3.24785995
TrqLOA_TloaCmd_MtrNm_M_f32	-5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	2.67245817
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	852.235596
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-93.5251465
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	94.4281158
k_TrqLOA_FallingRampRate_UlspS_f32	-53.3808022 7.26113749
k_TrqLOA_LatAccConversionFactor_Uls_f32 k_TrqLOA_LimOutput_MtrNm_f32	6.34435844
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	0.354396462
k_TrqLOA_NomDrvTrq_MtrNm_f32	3.1736002
k_TrqLOA_RisingRampRate_UlspS_f32	568.303833
k_TrqLOA_SteerRatio_Uls_f32	15.5500841
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	13.0453558
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	10158
t2_TrqLOA_DiffGainY_UIs_u1p15[1][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2] t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	12780 13107
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158
t2_TrqLOA_DiffGainY_UIs_u1p15[4][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[4][2]	12780 13107
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3] t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_UIs_u1p15[7][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3] t_TrqLOA_DiffGainX_G_u2p14[0]	13107 5079
t_TrqLOA_DiffGainX_G_u2p14[1]	6062
t TrgLOA DiffGainX G u2p14[2]	6390
t_TrqLOA_DiffGainX_G_u2p14[3]	6554
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	19520
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	19840
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	20160
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	20480
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	20800
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384 19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938
t_TrqLOA_HighSpeedTrqBiend_Y_Ois_u1p15[4] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9830		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	16794		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18842		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24986		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	29082		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	28262		
t_TrqLOA_X_Kph_u10p6[0]	11840		
t_TrqLOA_X_Kph_u10p6[1]	11904		
t_TrqLOA_X_Kph_u10p6[2]	11968		
t_TrqLOA_X_Kph_u10p6[3]	12032		
t_TrqLOA_X_Kph_u10p6[4]	12096		
t_TrqLOA_X_Kph_u10p6[5]	12160		
t_TrqLOA_X_Kph_u10p6[6]	12224		
t_TrqLOA_X_Kph_u10p6[7]	12288		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.579330087		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	10		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1213.04968		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-780.763367		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	139.815399		
Name	Actual Value	Expected Value	Result
TrqLOA LatAccScaleFactor Uls M f32	0.38178587	0.38178584	
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.0591392368	0.0591392331 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.89323843	1.89323843 ± 0.01	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	
target TrqLOA Per1 TrqLOACmd MtrNm f32.value	0	0 ± 0.01	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.25	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0505000018	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-3.5202601	
TrqLOA_TloaCmd_MtrNm_M_f32	-4.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.33790362	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	2.89446616	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	157.472565	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-48.3060532	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	17.9938412	
k_TrqLOA_FallingRampRate_UlspS_f32	-768.387695	
k_TrqLOA_LatAccConversionFactor_Uls_f32	0.781621635	
k_TrqLOA_LimOutput_MtrNm_f32	6.82871485	
k_TrqLOA_MaxScaleFactor_Uls_f32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	0.6190238	
k_TrqLOA_NomDrvTrq_MtrNm_f32	2.43173671	
k_TrqLOA_RisingRampRate_UlspS_f32	754.496765	
k_TrqLOA_SteerRatio_Uls_f32	58.7333565	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	3.76469874	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763	

2015-06-23, 13:48:37+0530



Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2_TrqLOA_DiffGainY_UIs_u1p15[1][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729 17039
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2] t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729
t2_TrqLOA_DiffGainY_UIs_u1p15[4][2]	17039
t2_TrqLOA_DiffGainY_UIs_u1p15[4][3]	19661
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661
t_TrqLOA_DiffGainX_G_u2p14[0]	6881
t_TrqLOA_DiffGainX_G_u2p14[1]	7864
t_TrqLOA_DiffGainX_G_u2p14[2]	8520
t_TrqLOA_DiffGainX_G_u2p14[3]	9830
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	0
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	0 0
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	0
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	0
t TrqLOA_highSpeedTrqBlend Y Uls u1p15[0]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	10650
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	18022
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	20890
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19251
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24166
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	25805
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	30310
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29082
t_TrqLOA_X_Kph_u10p6[0]	12352
t_TrqLOA_X_Kph_u10p6[1]	12416
t_TrqLOA_X_Kph_u10p6[2]	12480
t_TrqLOA_X_Kph_u10p6[3]	12544
t_TrqLOA_X_Kph_u10p6[4]	12608 12672
t_TrqLOA_X_Kph_u10p6[5] t_TrqLOA_X_Kph_u10p6[6]	12672 12736
t_TrqLOA_X_Kph_u10p6[7]	12800
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target frotoa Peri Latacceivano Chi loc



Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadp	S_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_	f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lg	С	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm	_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeedValid_0	Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_	f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-8.86872864		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	819.699768		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	302.582581		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1.		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	284.262878		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.903387904	0.903387904	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.255117685	0.255117685 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.175858855	0.175858811 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	0.175858855	0.175858811 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.6190238	0.6190238 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0.175858855	0.175858811 ± 0.01	✓

Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA LatAccScaleFactor Uls M f32	1
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.300000012
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.050999999
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	4.97012091
TrqLOA_TloaCmd_MtrNm_M_f32	-4
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.521495759
TrgLOA AbsAssistThreshold MtrNm f32	5.38597393
TrgLOA AbsVelThreshold MtrRadpS f32	399.039459
TrgLOA DiffScaleRateLimiterFalling UlspS f32	-13.433363
TrqLOA DiffScaleRateLimiterRising UlspS f32	52.6879501
TrqLOA FallingRampRate UlspS f32	-393.751373
TrqLOA_I alling/tamp/tate_0ispo_isz TrqLOA LatAccConversionFactor Uls f32	5.18942642
TrqLOA_Educeconiversion actor_ors_risz TrqLOA LimOutput MtrNm f32	7.32739162
<pre><_frqLOA_LimOutput_minmi_i32 <_frqLOA_MaxScaleFactor_Uls_f32</pre>	1.327.39102
<_TrqLOA_MinScaleFactor_Uls_f32	0.606269717
<pre><_TrqLOA_NomDrvTrq_MtrNm_f32</pre>	8.80000019
<pre><_frqLOA_nonibivinq_widthin_i32</pre> <_frqLOA_RisingRampRate_UlspS_f32	748.655151
<pre><_frqLOA_rtsingreampreace_disps_lsz</pre> <pre><_frqLOA_SteerRatio_Uls_f32</pre>	86.64814
TrqLOA_steerRatio_ots_isz TrqLOA UndersteerGrad RadpG f32	0.25
- ·	1.35590708
	17367
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333 21299
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	26214
2_TrqLOA_DiffGainY_UIs_u1p15[0][3]	17367
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	19333
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	21299
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	21299		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214		
t_TrqLOA_DiffGainX_G_u2p14[0]	8684		
t_TrqLOA_DiffGainX_G_u2p14[1]	9667		
t_TrqLOA_DiffGainX_G_u2p14[2]	10650		
t_TrqLOA_DiffGainX_G_u2p14[3]	13107 25600		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	25600		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	25600		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	25600		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	25600		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661		
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[4]	22938		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683		
t TrqLOA LatAccGain Y MtrNmpG u4p12[2]	40960		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056		
t TrqLOA LatAccGain Y MtrNmpG u4p12[5]	45875		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	11469		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19661		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24986		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	31539		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29901		
t_TrqLOA_X_Kph_u10p6[0]	12864		
t_TrqLOA_X_Kph_u10p6[1]	12928		
t_TrqLOA_X_Kph_u10p6[2]	12992		
t_TrqLOA_X_Kph_u10p6[3]	13056		
t_TrqLOA_X_Kph_u10p6[4]	13120		
t_TrqLOA_X_Kph_u10p6[5]	13184		
t_TrqLOA_X_Kph_u10p6[6]	13248		
t_TrqLOA_X_Kph_u10p6[7]	13312		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwhee		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelVa	•	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoal		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAva		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACm		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpe		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe	ed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-8.2390604		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	696.445374		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	476.985565		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	46 6301007		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	46.6391907	Power LW.	
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.973133266	0.973133266	•
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.299582779	0.299582779 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	
TrqLOA_TrqBasedScaleFactor_UIs_M_f32 target TrqLOA Per1 TrqLOAAvail Cnt Igc.value	0.606269717	0.606269717 ± 0.01	





Test Step 2.78 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	1
TrgLOA LatAccelSV g M Str.SV Uls f32	0.34999994
TrqLOA LatAccelSV g M Str.K Uls f32	0.0515000001
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	1.81693447
TrqLOA_TloaCmd_MtrNm_M_f32	-3.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.574706316
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	9.75135612
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	134.942993
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-29.9538345
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	21.1192341
k_TrqLOA_FallingRampRate_UlspS_f32	-273.069763
k_TrqLOA_LatAccConversionFactor_Uls_f32 k_TrqLOA_LimOutput_MtrNm_f32	3.67699265 8.8000019
k_TrqLOA_LiniOutput_MitMin_i32 k_TrqLOA_MaxScaleFactor_Uls_f32	0.211372375
k_TrqLOA_MinScaleFactor_Uls_f32	0.176148176
k_TrqLOA_NomDrvTrq_MtrNm_f32	7.09926987
k_TrqLOA_RisingRampRate_UlspS_f32	546.905884
k TrqLOA SteerRatio Uls f32	74.2599945
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	16.0533218
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[2][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[2][1]	2458 4915
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2] t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[5][2]	4915
t2_TrqLOA_DiffGainY_UIs_u1p15[5][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655 2458
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1] t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	6226
t_TrqLOA_DiffGainX_G_u2p14[0]	10486
t_TrqLOA_DiffGainX_G_u2p14[1]	11469
t_TrqLOA_DiffGainX_G_u2p14[2]	12780
t_TrqLOA_DiffGainX_G_u2p14[3]	16384
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	3840
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	4480
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	5120
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	5760 6400
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	12288		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	22528		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	25805		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	27443		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	32768		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	30720		
t_TrqLOA_X_Kph_u10p6[0]	13376		
t_TrqLOA_X_Kph_u10p6[1]	13440		
t_TrqLOA_X_Kph_u10p6[2]	13504		
t_TrqLOA_X_Kph_u10p6[3]	13568		
t_TrqLOA_X_Kph_u10p6[4]	13632		
t_TrqLOA_X_Kph_u10p6[5]	13696		
t_TrqLOA_X_Kph_u10p6[6]	13760		
t_TrqLOA_X_Kph_u10p6[7]	13824		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAu	uthority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSe	ecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed	d_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	7.42021513		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1275.44128		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	560.891602		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	396.354004		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.940092325	0.940092325	•
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.357789844	0.357789844 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.0428256989	0.0428255945 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0.0428256989	0.0428255945 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.176148176	0.176148176 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0.0428256989	0.0428255945 ± 0.01	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.0926550627	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.40000006	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0520000011	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-5.6898756	
TrqLOA_TloaCmd_MtrNm_M_f32	-3	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.0833485723	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	7.19799519	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	734.1073	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-23.7477036	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	18.2220573	
k_TrqLOA_FallingRampRate_UlspS_f32	-177.198669	
k_TrqLOA_LatAccConversionFactor_Uls_f32	7.82510281	
k_TrqLOA_LimOutput_MtrNm_f32	5.2956357	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.964477897	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	3.61352849	
k_TrqLOA_RisingRampRate_UlspS_f32	496.163788	
k_TrqLOA_SteerRatio_Uls_f32	66.1058121	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	14.8917131	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554	

2015-06-23, 13:48:37+0530



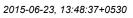
Namo	Innut Value
Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192
t2_TrqLOA_DiffGainY_UIs_u1p15[4][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	9503
	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6554
t2_TrqLOA_DiffGainY_UIs_u1p15[6][0]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830
t_TrqLOA_DiffGainX_G_u2p14[0]	12288
t_TrqLOA_DiffGainX_G_u2p14[1]	13271
t_TrqLOA_DiffGainX_G_u2p14[2]	14909
t_TrqLOA_DiffGainX_G_u2p14[3]	19661
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	1280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	1920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	2560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	3200
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[0]	9830
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096
t TrqLOA_EatAccGain Y MtrNmpG_u4p12[1]	4915
	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	0
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	0
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	0
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	0
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	0
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	0
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	0
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	0
t_TrqLOA_X_Kph_u10p6[0]	13888
t_TrqLOA_X_Kph_u10p6[1]	13952
t_TrqLOA_X_Kph_u10p6[2]	14016
t_TrqLOA_X_Kph_u10p6[3]	14080
t_TrqLOA_X_Kph_u10p6[4]	14144
t_TrqLOA_X_Kph_u10p6[5]	14208
	14272
t_TrqLOA_X_Kph_u10p6[6]	
t_TrqLOA_X_Kph_u10p6[7]	14336
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc



Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCR	F_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPo	s_HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAA	vail_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOAC	md_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSp	peedValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSp	peed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.856912732		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	6.23505163		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1588.14465		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-136.48378		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	276.678314		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.129099175	0.129099175	✓
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.372379482	0.372379482 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.908979058	0.908978999 ± 0.01	✓
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	✓

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA LatAccScaleFactor Uls M f32	1	
TrgLOA LatAccelSV g M Str.SV Uls f32	0.44999988	
FrgLOA LatAccelSV g M Str.K Uls f32	0.0524999984	
TrgLOA ScaledMtrTrgCmd MtrNm M f32	-7.83283663	
TrqLOA_Gealedwit HqGritia_intrini_ini_io2 TrqLOA_TloaCmd_MtrNm_M_f32	-2.5	
TrqLOA_TrgBasedScaleFactor_Uls_M_f32	2	
<pre>c_TrqLOA_AbsAssistThreshold_MtrNm_f32</pre>	10	
C_TrqLOA_AbsVelThreshold_MtrRadpS_f32	954.927002	
<pre>C_TrqLOA_AbsverTifestiolid_wittRadpS_132</pre> <pre>C_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32</pre>	-70.1127396	
	60.9110832	
x_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	-399.622284	
c_TrqLOA_FallingRampRate_UlspS_f32		
	1.31709409	
C_TrqLOA_LimOutput_MtrNm_f32	6.46497059 0.195761919	
TrqLOA_MaxScaleFactor_Uls_f32	0.195/01919	
C_TrqLOA_MinScaleFactor_Uls_f32		
x_TrqLOA_NomDrvTrq_MtrNm_f32	6.96180534	
x_TrqLOA_RisingRampRate_UlspS_f32	551.797058	
TrqLOA_SteerRatio_Uls_f32	20.2741756	
TrqLOA_UndersteerGrad_RadpG_f32	0.25	
x_TrqLOA_Wheelbase_M_f32	1.05338657	
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158	

TrqLOA_Per1





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124		
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	12780		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107		
t_TrqLOA_DiffGainX_G_u2p14[0] t_TrqLOA_DiffGainX_G_u2p14[1]	14090 15073		
t_TrqLOA_DiffGainX_G_u2p14[1]	17039		
t_TrqLOA_DiffGainX_G_u2p14[3]	22938		
t TrqLOA HighSpeedTrqBlend X Kph u10p6[0]	6720		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	7040		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	7360		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	7680		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	8000		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576 25395		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	36045		
t_TrqLOA_X_Kph_u10p6[0]	14400		
t_TrqLOA_X_Kph_u10p6[1]	14464		
t_TrqLOA_X_Kph_u10p6[2]	14528		
t_TrqLOA_X_Kph_u10p6[3] t_TrqLOA_X_Kph_u10p6[4]	14592 14656		
t_TrqLOA_X_Kph_u10p6[5]	14720		
t_TrqLOA_X_Kph_u10p6[6]	14720		
t TrqLOA X Kph u10p6[7]	14848		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target TrgLOA Per1 HandwheelAu	uthority Uls f32	
target Rte Inst Ap TrqLOA.TrqLOA Per1 LatAcc MpSecSq f32	target_TrqLOA_Per1_LatAcc_MpSe	/	
target Rte Inst Ap TrqLOA.TrqLOA Per1 LatAccelValid Cnt Igc	target TrqLOA Per1 LatAccelValid		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtg	tnEn_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_M		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_H	wDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_	Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeed		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed	I_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.195947647		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-2.8999486		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1 1780.99292		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-834.448364		
target_TrqLOA_Per1_ReinwPos_nwDeg_isz.value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VerlicleSpeed_Valid_Crit_igc.value target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	375.299133		
Name	Actual Value	Expected Value	Result
		•	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32 TrqLOA LatAccelSV g M Str.SV Uls f32	0.85977453 0.276093841	0.85977453 0.276093841 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-5.29633284	-5.29633284 ± 0.01	
TrqLOA_Scaledwit rrqCmd_withm_w_isz TrqLOA_TloaCmd_MtrNm_M_f32	-5.29633284	-5.29633284 ± 0.01	
TrqLOA_TrgBasedScaleFactor Uls M f32	1.20075536	1.20075548 ± 0.01	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	
	5,0000004		

-5.29633284

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value

-5.29633284 ± 0.01





Test Step 2.81 (Repeat Count = 1)	· ·
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.147569776
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.5
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0529999994
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	1.6737206
TrqLOA_TloaCmd_MtrNm_M_f32	-2
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.340689003
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	1.51961756
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	931.717346
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32 k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	-81.3402023 1.28901112
k TrqLOA FallingRampRate UlspS f32	-240.732864
k_TrqLOA_LatAccConversionFactor_Uls_f32	10
k TrqLOA LimOutput MtrNm f32	1.79836071
k_TrqLOA_MaxScaleFactor_Uls_f32	0.405108094
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	0.481317669
k_TrqLOA_RisingRampRate_UlspS_f32	862.363953
k_TrqLOA_SteerRatio_Uls_f32	87.4016571
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	6.131567
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729 17039
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2] t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2 TrqLOA DiffGainY Uls u1p15[1][1]	15729
t2_TrqLOA_DiffGainY_UIs_u1p15[1][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763
t2_TrqLOA_DiffGainY_UIs_u1p15[3][1]	15729 17039
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763
t2_TrqLOA_DiffGainY_UIs_u1p15[4][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1] t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	15729 17039
t2 TrqLOA DiffGainY Uls u1p15[6][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763
t2_TrqLOA_DiffGainY_UIs_u1p15[7][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661
t_TrqLOA_DiffGainX_G_u2p14[0]	15892
t_TrqLOA_DiffGainX_G_u2p14[1]	16876
t_TrqLOA_DiffGainX_G_u2p14[2]	19169
t_TrqLOA_DiffGainX_G_u2p14[3]	26214
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	8320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	8640 8960
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	9280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	9600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4096		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	8192		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	14336		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	15974		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	17613		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	22528		
t_TrqLOA_X_Kph_u10p6[0]	14912		
t_TrqLOA_X_Kph_u10p6[1]	14976		
t_TrqLOA_X_Kph_u10p6[2]	15040		
t_TrqLOA_X_Kph_u10p6[3]	15104		
t_TrqLOA_X_Kph_u10p6[4]	15168		
t_TrqLOA_X_Kph_u10p6[5]	15232		
t_TrqLOA_X_Kph_u10p6[6]	15296		
t_TrqLOA_X_Kph_u10p6[7]	15360		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	target_TrqLOA_Per1_VehicleSpeed	_Kpn_132	
target_TrqLOA_Per1_HarlowneerAuthority_Ois_isz.value target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	3.51402378		
target TrqLOA Per1 LatAccelValid Cnt lgc.value	0		
target TrqLOA Per1 MotAgLoaMtgtnEn Cnt Igc.value	0		
target TrqLOA Per1 MtrVelCRF MtrRadpS f32.value	1134.6853		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-0.0952710509		
target TrqLOA Per1 VehicleSpeedValid Cnt Igc.value	0		
target TrqLOA Per1 VehicleSpeed Kph f32.value	444.655426		
Name	Actual Value	Expected Value	Result
TrqLOA LatAccScaleFactor Uls M f32	0.150147796	0.150147796	Result
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.47349602	0.47349602 ± 0.01	
TrqLOA ScaledMtrTrqCmd MtrNm M f32	0.47349002	0 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.405108094	0.405108094 ± 0.01	
target TrqLOA Per1 TrqLOAAvail Cnt Igc.value	0.403108094	0.403108094 1 0.01	
target TrgLOA Per1 TrgLOACmd MtrNm f32.value	0	0 ± 0.01	

Name	Input Value	
Rte Inst Ap TrqLOA	target Rte Inst Ap TrqLOA	
TrgLOA LatAccScaleFactor Uls M f32	0.581789017	
TrqLOA LatAccelSV g M Str.SV Uls f32	0.550000012	
TrqLOA LatAccelSV g M Str.K Uls f32	0.0535000004	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	8.80000019	
TrqLOA_TloaCmd_MtrNm_M_f32	-1.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.67078209	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	4.3697114	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	22.0355587	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-7.00261021	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	69.5077057	
k_TrqLOA_FallingRampRate_UlspS_f32	-255.819397	
k_TrqLOA_LatAccConversionFactor_Uls_f32	2.26387119	
k_TrqLOA_LimOutput_MtrNm_f32	8.80000019	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.942474842	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	3.71725106	
k_TrqLOA_RisingRampRate_UlspS_f32	938.2005	
k_TrqLOA_SteerRatio_Uls_f32	40.8715019	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	16.9261703	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367
t2_TrqLOA_DiffGainY_UIs_u1p15[1][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1] t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	19333 21299
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367
t2 TrqLOA DiffGainY Uls u1p15[3][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214
t2_TrqLOA_DiffGainY_UIs_u1p15[4][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	26214
t_TrqLOA_DiffGainX_G_u2p14[0]	17695
t_TrqLOA_DiffGainX_G_u2p14[1]	18678
t_TrqLOA_DiffGainX_G_u2p14[2]	21299
t_TrqLOA_DiffGainX_G_u2p14[3]	29491 9920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	10240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	10560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	10880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	11200
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[0]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	0
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	0
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	0
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	0
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	0
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	0
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	0
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	0
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4915
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	9421
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15155
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16384
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	18432
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20070
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	21709
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	23347
t_TrqLOA_X_Kph_u10p6[0]	15424
t_TrqLOA_X_Kph_u10p6[1]	15488 15552
t_TrqLOA_X_Kph_u10p6[2]	15616
t_TrqLOA_X_Kph_u10p6[3] t_TrqLOA_X_Kph_u10p6[4]	15616
t_TrqLOA_X_Kph_u10p6[5]	15744
t_TrqLOA_X_Kph_u10p6[6]	15808
t_TrqLOA_X_Kph_u10p6[7]	15872
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_Igc



Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCR	RF_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPo	s_HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAA	vail_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOAC	md_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSp	peedValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSp	peed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-6.56730986		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	446.730835		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	149.9048		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	388.930298		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.567783773	0.567783773	✓
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.533536494	0.533536434 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.205618978	0.205618933 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	~
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	~

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
FrgLOA LatAccScaleFactor Uls M f32	1	
TrgLOA_LatAccelSV g M Str.SV Uls f32	0.60000024	
FrgLOA_LatAccelSV g M Str.K Uls f32	0.0540000014	
FrgLOA_Lawcceisv_g_w_str.N_ois_is2	2.57816553	
TrqLOA_ScaledWit TrqCritd_WitNHI_M_132 TrqLOA_TloaCmd_MtrNm_M_f32	-1	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.0165567994	
<pre>c_TrqLOA_NbsAssistThreshold_MtrNm_f32</pre>	0.0350674987	
	871.700928	
	-30.0435162	
C_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32		
x_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	13.7316875	
x_TrqLOA_FallingRampRate_UlspS_f32	-406.617493	
<pre>c_TrqLOA_LatAccConversionFactor_Uls_f32</pre>	3.70052624	
z_TrqLOA_LimOutput_MtrNm_f32	0.519612968	
C_TrqLOA_MaxScaleFactor_Uls_f32	·	
C_TrqLOA_MinScaleFactor_Uls_f32	0.756676316	
x_TrqLOA_NomDrvTrq_MtrNm_f32	0.363540441	
<pre>c_TrqLOA_RisingRampRate_UlspS_f32</pre>	378.26651	
x_TrqLOA_SteerRatio_Uls_f32	84.6550903	
x_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
x_TrqLOA_Wheelbase_M_f32	12.7986794	
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655	





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226		
t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	655		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	2458		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	6226		
t_TrqLOA_DiffGainX_G_u2p14[0]	328		
t_TrqLOA_DiffGainX_G_u2p14[1]	1229		
t_TrqLOA_DiffGainX_G_u2p14[2]	2458		
t_TrqLOA_DiffGainX_G_u2p14[3]	3113		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	320		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	640 960		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	1280		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	1600		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61440		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	5734		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	10650		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15974		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16794		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20890 22938		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24166		
t_TrqLOA_X_Kph_u10p6[0]	15936		
t_TrqLOA_X_Kph_u10p6[1]	16000		
t TrqLOA X Kph u10p6[2]	16064		
t TrgLOA X Kph u10p6[3]	16128		
t_TrqLOA_X_Kph_u10p6[4]	16192		
t_TrqLOA_X_Kph_u10p6[5]	16256		
t_TrqLOA_X_Kph_u10p6[6]	16320		
t_TrqLOA_X_Kph_u10p6[7]	16384		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwheel	Authority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mps	SecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelVal	id_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaM	tgtnEn_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_	. –	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAva		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmo		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpec		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	target_TrqLOA_Per1_VehicleSpec	su_npii_ioz	
target_IrqLOA_Per1_HandwheeiAuthority_Uis_r32.value target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	10		
target_IrqLOA_Per1_LatAcce_MpSecSq_rs2.value target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	10		
target_TrqLOA_Per1_LanAccervalid_Crit_igc.value target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1138.91357		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-880.585693		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	451.074432		
Name	Actual Value	Expected Value	Result
TrgLOA LatAccScaleFactor Uls M f32	0.939912975	0.939912975	. Issuit
TrgLOA LatAccelSV g M Str.SV UIs f32	0.52960062	0.52960062 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-2.87247229	-2.87247229 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	-0.519612968	-0.519612968 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.739976227	0.739976227 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	





Test Step 2.84 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	1
TrqLOA LatAccelSV g M Str.SV Uls f32	0.649999976
TrqLOA LatAccelSV g M Str.K Uls f32	0.0544999987
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-8.16542625
TrqLOA_TloaCmd_MtrNm_M_f32	-0.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	5.20458698
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	394.782104
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-11.6488876
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	81.607048
k_TrqLOA_FallingRampRate_UlspS_f32	-930.11261
k_TrqLOA_LatAccConversionFactor_Uls_f32 k_TrqLOA_LimOutput_MtrNm_f32	8.80764484 1.0901581
k_TrqLOA_Limoutput_withini_is2 k_TrqLOA_MaxScaleFactor_Uls_f32	0.647754431
k_TrqLOA_MinScaleFactor_Uls_f32	0.862379551
k_TrqLOA_NomDrvTrq_MtrNm_f32	0.549903929
k_TrqLOA_RisingRampRate_UlspS_f32	990.779175
k_TrqLOA_SteerRatio_Uls_f32	34.4749832
k_TrqLOA_UndersteerGrad_RadpG_f32	0.0220634043
k_TrqLOA_Wheelbase_M_f32	10.8809481
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[2][0]	6554
t2_TrqLOA_DiffGainY_UIs_u1p15[2][1]	8192 9503
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2] t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[3][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[6][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192 9503
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2] t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830
t2 TrqLOA DiffGainY Uls u1p15[7][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830
t_TrqLOA_DiffGainX_G_u2p14[0]	3277
t_TrqLOA_DiffGainX_G_u2p14[1]	4096
t_TrqLOA_DiffGainX_G_u2p14[2]	4751
t_TrqLOA_DiffGainX_G_u2p14[3]	4915
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	1920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	2240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	2560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	2880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	3200 9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	6554		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	11878		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	16794		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24986		
t_TrqLOA_X_Kph_u10p6[0]	16448		
t_TrqLOA_X_Kph_u10p6[1]	16512		
t_TrqLOA_X_Kph_u10p6[2]	16576		
t_TrqLOA_X_Kph_u10p6[3]	16640		
t_TrqLOA_X_Kph_u10p6[4]	16704		
t_TrqLOA_X_Kph_u10p6[5]	16768		
t_TrqLOA_X_Kph_u10p6[6]	16832		
t_TrqLOA_X_Kph_u10p6[7]	16896		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe	eed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-3.14655781		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1073.65491		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-174.705765		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	35.7357788		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.976702213	0.976702213	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.61021328	0.610213339 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.647754431	0.647754431 ± 0.01	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	•

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.526905656	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.10000001	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0549999997	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	8.30688953	
TrqLOA_TloaCmd_MtrNm_M_f32	0	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.70597506	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	9.76176262	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	301.494141	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-47.2110062	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	43.7765656	
k_TrqLOA_FallingRampRate_UlspS_f32	-748.771301	
k_TrqLOA_LatAccConversionFactor_Uls_f32	5.42878771	
k_TrqLOA_LimOutput_MtrNm_f32	1.08144009	
k_TrqLOA_MaxScaleFactor_Uls_f32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	0.525616527	
k_TrqLOA_NomDrvTrq_MtrNm_f32	2.05261755	
k_TrqLOA_RisingRampRate_UlspS_f32	540.796814	
k_TrqLOA_SteerRatio_Uls_f32	60.2533417	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	12.1284971	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[2][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124 12780
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124
t2 TrqLOA DiffGainY Uls u1p15[5][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107
t_TrqLOA_DiffGainX_G_u2p14[0]	5079
t_TrqLOA_DiffGainX_G_u2p14[1]	6062
t_TrqLOA_DiffGainX_G_u2p14[2]	6390
t_TrqLOA_DiffGainX_G_u2p14[3]	6554
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	3520
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	3840
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	4160
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	4480
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	4800
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830 13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1] t TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[4]	22938
t_TrqLOA_tatAccGain_Y_MtrNmpG_u4p12[0]	36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	7373
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	13107
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	17613
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17613
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20890
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	22528
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	25395
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	25805
t_TrqLOA_X_Kph_u10p6[0]	0
t_TrqLOA_X_Kph_u10p6[1]	0
t_TrqLOA_X_Kph_u10p6[2]	0
t_TrqLOA_X_Kph_u10p6[3]	0
t_TrqLOA_X_Kph_u10p6[4]	0
t_TrqLOA_X_Kph_u10p6[5]	0
t_TrqLOA_X_Kph_u10p6[6]	0
t_TrqLOA_X_Kph_u10p6[7]	0
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc



Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCR	F_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPo	s_HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAA	vail_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOAC	md_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSp	peedValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSp	peed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.0452584028		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-8.33281803		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1279.70117		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-763.383301		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	16.4704895		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.432483643	0.432483643	✓
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.0924502239	0.0924502164 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	~
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.525616527	0.525616527 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target TrgLOA Per1 TrgLOACmd MtrNm f32.value	0	0 ± 0.01	•

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA LatAccScaleFactor Uls M f32	0.454035282	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.150000006	
TrqLOA LatAccelSV g M Str.K Uls f32	0.0555000007	
TrqLOA ScaledMtrTrqCmd MtrNm M f32	-4.2971797	
TrqLOA_TloaCmd_MtrNm_M_f32	0.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.0378806591	
<pre><_TrqLOA_AbsAssistThreshold_MtrNm_f32</pre>	1.20553124	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	85.9290466	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-5.70244408	
k TrgLOA DiffScaleRateLimiterRising UlspS f32	57.5687294	
k TrqLOA FallingRampRate UlspS f32	-190.925446	
k TrgLOA LatAccConversionFactor Uls f32	0.856612802	
k_TrqLOA_LimOutput_MtrNm_f32	5.18634176	
k_TrqLOA_LiniOdiput_Mithin_i32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	5.44656372	
k_TrqLOA_RisingRampRate_UlspS_f32	168.014526	
k_TrqLOA_SteerRatio_Uls_f32	100	
k TrqLOA_Gleen\alio_Gls_i32	0.25	
k TrqLOA_UndersteerGrau_reaupg_lb2	20	
t2 TrqLOA_WifeGinaSe_W_IS2 t2 TrqLOA DiffGainY Uls u1p15[0][0]	13763	
t2_TrqLOA_DiliGainY_Uis_u1p15[0][0] t2_TrqLOA_DiffGainY_Uis_u1p15[0][1]	15729	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	17039	
	19661	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3] t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763	
	15729	
12_TrqLOA_DiffGainY_Uls_u1p15[1][1]	17039	
I2_TrqLOA_DiffGainY_UIs_u1p15[1][2]	19661	
I2_TrqLOA_DiffGainY_UIs_u1p15[1][3]		
12_TrqLOA_DiffGainY_UIs_u1p15[2][0]	13763	
t2_TrqLOA_DiffGainY_UIs_u1p15[2][1]	15729	
12_TrqLOA_DiffGainY_UIs_u1p15[2][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661 13763	
12_TrqLOA_DiffGainY_Uls_u1p15[3][0]		
12_TrqLOA_DiffGainY_Uls_u1p15[3][1]	15729	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	17039	
12_TrqLOA_DiffGainY_UIs_u1p15[4][3]	19661	
I2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763	





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729		
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	17039		
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	19661		
t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	13763		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661		
t_TrqLOA_DiffGainX_G_u2p14[0]	6881		
t_TrqLOA_DiffGainX_G_u2p14[1]	7864		
t_TrqLOA_DiffGainX_G_u2p14[2]	8520		
t_TrqLOA_DiffGainX_G_u2p14[3]	9830		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	5120		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	5440		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	5760 6080		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	6400		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	8192		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	14336		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	18432		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18022		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	26624		
t_TrqLOA_X_Kph_u10p6[0]	25600		
t_TrqLOA_X_Kph_u10p6[1] t_TrqLOA_X_Kph_u10p6[2]	25600 25600		
t_TrqLOA_X_Kph_u10p6[3]	25600		
t_TrqLOA_X_Kph_u10p6[4]	25600		
t_TrqLOA_X_Kph_u10p6[5]	25600		
t_TrqLOA_X_Kph_u10p6[6]	25600		
t_TrqLOA_X_Kph_u10p6[7]	25600		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelA	authority Uls f32	
target Rte Inst Ap TrqLOA.TrqLOA Per1 LatAcc MpSecSq f32	target TrqLOA Per1 LatAcc MpS		
target Rte Inst Ap TrqLOA.TrqLOA Per1 LatAccelValid Cnt Igc	target TrqLOA Per1 LatAccelVali		
target Rte Inst Ap TrqLOA.TrqLOA Per1 MotAgLoaMtgtnEn Cnt Igc	target_TrqLOA_Per1_MotAgLoaMt	,	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_h	. –	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvai	_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd	_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpee	dValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	d_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	8.98322487		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1615.12988		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-707.800293		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	510 110107		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	510.110107	E.m. Mari	
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.519989014	0.519989014	•
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.115281835	0.115281828 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.152473509	-0.15247348 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32 TrqLOA_TraBoardScalaFeator_Llla_M_f23	-0.152473509	-0.15247348 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.298148423	0.298148394 ± 0.01	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	· · · · · · · · · · · · · · · · · · ·





Test Step 2.87 (Repeat Count = 1)	→
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	1
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.20000003
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0560000017
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-8.33610821
TrqLOA_TloaCmd_MtrNm_M_f32	1
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.851540387
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	2.5908401
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	404.598846 -16.7572479
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32 k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	31.2275734
k_TrqLOA_FallingRampRate_UlspS_f32	-978.38501
k_TrqLOA_LatAccConversionFactor_Uls_f32	6.24312687
k_TrqLOA_LimOutput_MtrNm_f32	2.07289386
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	7.69596291
k_TrqLOA_RisingRampRate_UlspS_f32	135.736816
k_TrqLOA_SteerRatio_Uls_f32	93.4940491
k_TrqLOA_Wheelbase_M_f32	0.25
k_TrqLOA_Wheelbase_M_f32 t2 TrqLOA DiffGainY Uls u1p15[0][0]	3.27910423 17367
t2 TrqLOA DiffGainY Uls u1p15[0][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367
t2_TrqLOA_DiffGainY_UIs_u1p15[2][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299 26214
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3] t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[3][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367
t2_TrqLOA_DiffGainY_UIs_u1p15[5][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2] t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	21299 26214
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214
t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214
t_TrqLOA_DiffGainX_G_u2p14[0]	8684
t_TrqLOA_DiffGainX_G_u2p14[1]	9667 10650
t_TrqLOA_DiffGainX_G_u2p14[2] t_TrqLOA_DiffGainX_G_u2p14[3]	13107
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	6720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	7040
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	7360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	7680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	8000
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4096 4915
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011
	100





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384		
t TrqLOA LatAccGain Y MtrNmpG u4p12[7]	17203		
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[0]	9011		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	15565		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18432		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	22528		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	27853		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	27443		
t_TrqLOA_X_Kph_u10p6[0]	17984		
t_TrqLOA_X_Kph_u10p6[1]	18048		
t_TrqLOA_X_Kph_u10p6[2]	18112		
t_TrqLOA_X_Kph_u10p6[3]	18176		
t_TrqLOA_X_Kph_u10p6[4]	18240		
t_TrqLOA_X_Kph_u10p6[5]	18304		
t_TrqLOA_X_Kph_u10p6[6]	18368		
t_TrqLOA_X_Kph_u10p6[7]	18432		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAutho	rity_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSo	q_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_Mtr	Nm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kp	ph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	8.20080757		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	854.247864		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-370.513214		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	121.660004		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.9664855	0.9664855	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.174875259	0.174875259 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.580066741	-0.580066741 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	
target TrqLOA Per1 TrqLOACmd MtrNm f32.value	0	0 ± 0.01	

Name	Input Value	
Rte Inst Ap TrqLOA	target Rte Inst Ap TrqLOA	
TrgLOA LatAccScaleFactor Uls M f32	0	
TrqLOA LatAccelSV q M Str.SV Uls f32	0.25	
TrqLOA LatAccelSV g M Str.K Uls f32	0.056499999	
TrgLOA ScaledMtrTrgCmd MtrNm M f32	-2.02841663	
TrgLOA TloaCmd MtrNm M f32	1.5	
TrqLOA TrqBasedScaleFactor Uls M f32	-0.587380052	
k TrqLOA AbsAssistThreshold MtrNm f32	10	
x_TrqLOA_AbsVelThreshold_MtrRadpS_f32	870.603333	
x_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-77.8179932	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	8.33252239	
k_TrqLOA_FallingRampRate_UlspS_f32	-836.30304	
<pre><_TrqLOA_LatAccConversionFactor_Uls_f32</pre>	8.94236755	
c_TrqLOA_LimOutput_MtrNm_f32	7.69696569	
<pre><_TrqLOA_MaxScaleFactor_Uls_f32</pre>	0.534538507	
<pre><_TrqLOA_MinScaleFactor_Uls_f32</pre>	1	
<_TrqLOA_NomDrvTrq_MtrNm_f32	2.24155235	
<pre><_TrqLOA_RisingRampRate_UlspS_f32</pre>	618.881165	
C_TrqLOA_SteerRatio_Uls_f32	65.6973495	
<pre><_TrqLOA_UndersteerGrad_RadpG_f32</pre>	0.25	
x_TrqLOA_Wheelbase_M_f32	19.3650894	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
t2 TrqLOA DiffGainY Uls u1p15[0][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[1][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[2][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915
t2_TrqLOA_DiffGainY_UIs_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226 655
t2_TrqLOA_DiffGainY_UIs_u1p15[4][0]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915
t2_TrqLOA_DiliGainY_Uls_u1p15[4][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655
t2 TrqLOA DiffGainY Uls u1p15[5][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226
t2 TrqLOA DiffGainY Uls u1p15[6][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[6][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	6226
t_TrqLOA_DiffGainX_G_u2p14[0]	10486
t_TrqLOA_DiffGainX_G_u2p14[1]	11469
t_TrqLOA_DiffGainX_G_u2p14[2]	12780
t_TrqLOA_DiffGainX_G_u2p14[3]	16384
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	8320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	8640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	8960
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	9280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	9600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554 9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1] t TrqLOA HighSpeedTrqBlend Y Uls u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672
t TrqLOA LatAccGain Y MtrNmpG u4p12[5]	29491
t TrqLOA LatAccGain Y MtrNmpG u4p12[6]	32768
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9830
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	16794
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	20070
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18842
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	23347
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24986
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	29082
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	28262
t_TrqLOA_X_Kph_u10p6[0]	18496
t_TrqLOA_X_Kph_u10p6[1]	18560
t_TrqLOA_X_Kph_u10p6[2]	18624
t_TrqLOA_X_Kph_u10p6[3]	18688
t_TrqLOA_X_Kph_u10p6[4]	18752
t_TrqLOA_X_Kph_u10p6[5]	18816
t_TrqLOA_X_Kph_u10p6[6]	18880
t_TrqLOA_X_Kph_u10p6[7] target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	18944
	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
	tarnet Trol OA Peril LatAco MoSecSa f32
target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_HandwheerAdthoniny_Ois_132 target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc



Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_	_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lo	gc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNn	n_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeedValid_	_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_	_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.86052227		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	2.73842812		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-879.002319		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	982.454895		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	25.6040649		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.0166650452	0.0166650433	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.239557073	0.239557073 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.65038228	0.650382221 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	~
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	

Test Step 2.89 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.300000012	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.057	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.0367079154	
TrqLOA_TloaCmd_MtrNm_M_f32	2	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.08809543	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	4.15189934	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	899.73584	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-47.5227737	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	48.2107315	
k_TrqLOA_FallingRampRate_UlspS_f32	-920.471436	
<pre>cccccccccccc</pre>	6.26204729	
k_TrqLOA_LimOutput_MtrNm_f32	8.71106529	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.624129891	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k TrgLOA NomDrvTrg MtrNm f32	6.76092386	
k TrqLOA RisingRampRate UlspS f32	200.202011	
<pre>c</pre>	18.3684654	
TrgLOA UndersteerGrad RadpG f32	0.12909539	
k_TrqLOA_Wheelbase_M_f32	11.024827	
t2 TrgLOA DiffGainY Uls u1p15[0][0]	6554	
t2_TrqLOA_DiffGainY_UIs_u1p15[0][1]	8192	
2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830	
2 TrqLOA DiffGainY Uls u1p15[1][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192	
2 TrqLOA DiffGainY Uls u1p15[1][2]	9503	
2 TrqLOA DiffGainY Uls u1p15[1][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	8192	
2_TrqLOA_DiliGainY_Ois_u1p15[4][1] 2 TrqLOA DiffGainY Uls u1p15[4][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9830	
2_TrqLOA_DiliGainY_Uls_u1p15[5][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192	
12_TrqLOA_DiliGainY_Uls_u1p15[5][1]	9503	
2_TrqLOA_DiliGainY_Uls_u1p15[5][2] 2_TrqLOA_DilfGainY_Uls_u1p15[5][3]	9830	
12_TrqLOA_DiliGainY_Uls_u1p15[6][0] 12_TrqLOA_DiffGainY_Uls_u1p15[6][0]	6554	
© Report created by TESSY V3.2.5, report template V2.4	0007	1





Name	Input Value		
t2_TrqLOA_DiffGainY_UIs_u1p15[6][1]	8192		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830		
t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	6554		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830		
t_TrqLOA_DiffGainX_G_u2p14[0]	12288		
t_TrqLOA_DiffGainX_G_u2p14[1] t_TrqLOA_DiffGainX_G_u2p14[2]	13271 14909		
t_TrqLOA_DiffGainX_G_u2p14[3]	19661		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	9920		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	10240		
t TrqLOA HighSpeedTrqBlend X Kph u10p6[2]	10560		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	10880		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	11200		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	40960 41779		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	10650		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	18022		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	25805		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	30310		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29082		
t_TrqLOA_X_Kph_u10p6[0] t_TrqLOA_X_Kph_u10p6[1]	19008 19072		
t TrqLOA X Kph u10p6[2]	19136		
t_TrqLOA_X_Kph_u10p6[3]	19200		
t_TrqLOA_X_Kph_u10p6[4]	19264		
t_TrqLOA_X_Kph_u10p6[5]	19328		
t_TrqLOA_X_Kph_u10p6[6]	19392		
t_TrqLOA_X_Kph_u10p6[7]	19456		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwheel	Authority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mps	SecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelVal	lid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaM		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAva		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_TrqLOACmetarget TrqLOA Per1 VehicleSper		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_verlicleSper		
target TrqLOA Per1 HandwheelAuthority Uls f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	4.49196005		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1114.62451		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	209.250259		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	97.9906311		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.904954433	0.904954433	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.324104011	0.324103981 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
	0	0 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32		4 . 0.04	
TrqLOA_TloaCmd_MtrNm_M_f32 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	1	1 ± 0.01	•



Test Step 2.90 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.5
TrqLOA LatAccelSV g M Str.SV Uls f32	0.349999994
TrqLOA LatAccelSV g M Str.K Uls f32	0.057500001
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-4.81868219
TrqLOA_TloaCmd_MtrNm_M_f32	2.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.845299244
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	4.57784653
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	472.337891
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-90.0598679
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	8.68444347 -755.761414
k_TrqLOA_FallingRampRate_UlspS_f32 k_TrqLOA_LatAccConversionFactor_Uls_f32	8.26955414
k TrqLOA LimOutput MtrNm f32	0.397318661
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	3.62188888
k_TrqLOA_RisingRampRate_UlspS_f32	803.915405
k_TrqLOA_SteerRatio_Uls_f32	96.2621002
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	17.511282
t2_TrqLOA_DiffGainY_UIs_u1p15[0][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	12780 13107
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3] t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158
t2_TrqLOA_DiffGainY_UIs_u1p15[3][1]	12124 12780
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107
t2 TrqLOA DiffGainY Uls u1p15[4][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780
t2_TrqLOA_DiffGainY_UIs_u1p15[5][3]	13107 10158
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0] t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107
t_TrqLOA_DiffGainX_G_u2p14[0]	14090
t_TrqLOA_DiffGainX_G_u2p14[1]	15073
t_TrqLOA_DiffGainX_G_u2p14[2]	17039
t_TrqLOA_DiffGainX_G_u2p14[3]	22938 11520
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	11520
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	12160
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	12480
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	12800
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248 54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934
_ ,	Title Control of the





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	11469		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19661		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24986		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	31539		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29901		
t_TrqLOA_X_Kph_u10p6[0]	19520		
t_TrqLOA_X_Kph_u10p6[1]	19584		
t_TrqLOA_X_Kph_u10p6[2]	19648		
t_TrqLOA_X_Kph_u10p6[3]	19712		
t_TrqLOA_X_Kph_u10p6[4]	19776		
t_TrqLOA_X_Kph_u10p6[5]	19840		
t_TrqLOA_X_Kph_u10p6[6]	19904		
t_TrqLOA_X_Kph_u10p6[7]	19968		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority	_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f3	32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_I	gc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_0	Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_	Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_	<u>f</u> 32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	10		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1499.44763		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-449.797333		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	240.174683		
Name	Actual Value	Expected Value	Result
TrqLOA LatAccScaleFactor Uls M f32	0.319880247	0.319880277	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.313625991	0.313626021 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.00994124915	-0.00994118024 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	-0.00994124915	-0.00994118024 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	-0.00994124915	-0.00994118024 ± 0.01	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.129279494	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.40000006	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0579999983	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.135285273	
TrqLOA_TloaCmd_MtrNm_M_f32	3	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.660296857	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	2.59572077	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	960.220276	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-100	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	6.87579203	
k_TrqLOA_FallingRampRate_UlspS_f32	-798.818298	
k_TrqLOA_LatAccConversionFactor_Uls_f32	0.59114337	
k_TrqLOA_LimOutput_MtrNm_f32	3.79040265	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.416683078	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.11925507	
k_TrqLOA_RisingRampRate_UlspS_f32	636.934875	
k_TrqLOA_SteerRatio_Uls_f32	23.6102524	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.050837025	
k_TrqLOA_Wheelbase_M_f32	16.4986668	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729 17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2] t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2] t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	17039 19661
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763
t2 TrqLOA DiffGainY Uls u1p15[5][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	17039
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661
t_TrqLOA_DiffGainX_G_u2p14[0] t_TrqLOA_DiffGainX_G_u2p14[1]	15892 16876
t_TrqLOA_DiffGainX_G_u2p14[1]	19169
t_TrqLOA_DiffGainX_G_u2p14[3]	26214
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	13120
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	13440
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	13760
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	14080
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	14400
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	19661 4096
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011
t TrqLOA LatAccGain Y MtrNmpG u4p12[4]	12288
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	12288
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	20480
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	22528
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20070
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	25805 27443
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	32768
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	30720
t_TrqLOA_X_Kph_u10p6[0]	20032
t_TrqLOA_X_Kph_u10p6[1]	20096
t_TrqLOA_X_Kph_u10p6[2]	20160
t_TrqLOA_X_Kph_u10p6[3]	20224
t_TrqLOA_X_Kph_u10p6[4]	20288
t_TrqLOA_X_Kph_u10p6[5]	20352
t_TrqLOA_X_Kph_u10p6[6]	20416
t_TrqLOA_X_Kph_u10p6[7]	20480
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_UIs_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc





Name	Input Value			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCF	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPo	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAA	vail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOAC	md_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleS	peedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleS	peed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-4.99093819			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1006.96851	-1006.96851		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-166.982742	-166.982742		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	111.591278			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.143031076	0.143031076	~	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.344146997	0.344146967 ± 0.01	✓	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 0 ± 0.01		
TrqLOA_TloaCmd_MtrNm_M_f32	0 0 ± 0.01			
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1 1 ± 0.01			
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	✓	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA LatAccScaleFactor Uls M f32	0.255068064	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.44999988	
TrqLOA LatAccelSV g M Str.K Uls f32	0.0584999993	
TrqLOA ScaledMtrTrqCmd MtrNm M f32	-6.31325054	
TrqLOA_TloaCmd_MtrNm_M_f32	3.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.35702264	
<pre><_TrqLOA_AbsAssistThreshold_MtrNm_f32</pre>	4.46745205	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	315.445374	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	0	
TrgLOA DiffScaleRateLimiterRising UlspS f32	13.651783	
k TrqLOA FallingRampRate UlspS f32	-583.929688	
k TrgLOA_r allingreampreace_oispo_isz	0.662795782	
k_TrqLOA_LimOutput_MtrNm_f32	3.74312067	
k_TrqLOA_Emoutput_Mannin_i32	0.670689344	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.77387238	
k_TrqLOA_RisingRampRate_UlspS_f32	146.835037	
k_TrqLOA_SteerRatio_Uls_f32	52.2286301	
k TrqLOA_Gleen\alio_Gls_i32	0.25	
k TrqLOA_UndersteerGrau_reaupg_lb2	14.1650209	
t2 TrqLOA_WifeGinaSe_W_IS2 t2 TrqLOA DiffGainY Uls u1p15[0][0]	17367	
t2_TrqLOA_DiliGainY_Uis_u1p15[0][0] t2_TrqLOA_DiffGainY_Uis_u1p15[0][1]	19333	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	21299	
	26214	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	17367	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	19333	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	21299	
I2_TrqLOA_DiffGainY_UIs_u1p15[1][2]	26214	
I2_TrqLOA_DiffGainY_UIs_u1p15[1][3]		
12_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367	
t2_TrqLOA_DiffGainY_UIs_u1p15[2][1]	19333	
12_TrqLOA_DiffGainY_UIs_u1p15[2][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299	
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214	
I2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367	

 $\ensuremath{\texttt{©}}$ Report created by TESSY V3.2.5, report template V2.4

2015-06-23, 13:48:37+0530



TrqLOA_Per1

			1 - 4 - 10 - 10
Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2] t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	21299 26214		
t_TrqLOA_DiffGainX_G_u2p14[0]	17695		
t_TrqLOA_DiffGainX_G_u2p14[1]	18678		
t TrqLOA DiffGainX G u2p14[2]	21299		
t_TrqLOA_DiffGainX_G_u2p14[3]	29491		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	14720		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	15040		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	15360		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	15680		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	16000		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107 16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480		
t TrgLOA LatAccGain Y MtrNmpG u4p12[1]	21299		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	13107		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	21709 23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	28262		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	33997		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	31539		
t_TrqLOA_X_Kph_u10p6[0]	20544		
t_TrqLOA_X_Kph_u10p6[1]	20608		
t_TrqLOA_X_Kph_u10p6[2]	20672		
t_TrqLOA_X_Kph_u10p6[3]	20736		
t_TrqLOA_X_Kph_u10p6[4]	20800		
t_TrqLOA_X_Kph_u10p6[5] t_TrqLOA_X_Kph_u10p6[6]	20864 20928		
t TrqLOA X Kph u10p6[7]	20992		
target Rte Inst Ap TrqLOA.TrqLOA Per1 HandwheelAuthority Uls f32	target TrqLOA Per1 HandwheelA	authority Uls f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpS	,	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMt	gtnEn_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_N	MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_H		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeed		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	target_TrqLOA_Per1_VehicleSpeed	u_npп_t32	
target_TrqLOA_Per1_HandwneelAutnority_Ois_32.value target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	0.925960064 -8.88921642		
target_TrqLOA_rer1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-690.256348		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-59.5044174		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	83.4352417		
Name	Actual Value	Expected Value	Result
	0.00007404	0.28237164	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.28237164		
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.28237164 0.42138809	0.42138809 ± 0.01	
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.42138809 0	0 ± 0.01	
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 TrqLOA_TloaCmd_MtrNm_M_f32	0.42138809 0 0	0 ± 0.01 0 ± 0.01	•
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.42138809 0	0 ± 0.01	•





Test Step 2.93 (Repeat Count = 1)	Innut Value
Name	Input Value
Rte_Inst_Ap_TrqLOA TrqLOA_LatAccScaleFactor_Uls_M_f32	target_Rte_Inst_Ap_TrqLOA 0.566056848
TrqLOA_LatAccelSV g M Str.SV Uls f32	0.5
TrqLOA LatAccelSV g M Str.K Uls f32	0.0590000004
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-8.7202425
TrqLOA_TloaCmd_MtrNm_M_f32	4
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.6505841
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	7.63869667
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	481.34079
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-50.5
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	58.7112007
k_TrqLOA_FallingRampRate_UlspS_f32 k_TrqLOA_LatAccConversionFactor_Uls_f32	-797.56189 0.5323295
k_TrqLOA_LimOutput_MtrNm_f32	8.8000019
k_TrqLOA_EIIIIOdipti_MtrriiI_102 k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	5.407372
k_TrqLOA_RisingRampRate_UlspS_f32	773.946106
k_TrqLOA_SteerRatio_Uls_f32	53.1349716
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	10.3741779
t2_TrqLOA_DiffGainY_UIs_u1p15[0][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2] t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	4915 6226
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655 2458
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1] t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0] t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	655 2458
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915
t2_frqLOA_biffGainY_bis_urp15[6][2] t2_frqLOA_biffGainY_bis_urp15[6][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[7][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	6226
t_TrqLOA_DiffGainX_G_u2p14[0]	328
t_TrqLOA_DiffGainX_G_u2p14[1]	1229
t_TrqLOA_DiffGainX_G_u2p14[2]	2458
t_TrqLOA_DiffGainX_G_u2p14[3] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	3113 16320
t_TrqLOA_nignSpeedTrqBlend_X_Kph_u10p6[0] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	16640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	16960
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	17280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	17600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864 37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_t_mitninpG_u4p12[2] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	13926		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	22938		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	27443		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	29082		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	35226		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	32358		
t_TrqLOA_X_Kph_u10p6[0]	21056		
t_TrqLOA_X_Kph_u10p6[1]	21120		
t_TrqLOA_X_Kph_u10p6[2]	21184		
t_TrqLOA_X_Kph_u10p6[3]	21248		
t_TrqLOA_X_Kph_u10p6[4]	21312		
t_TrqLOA_X_Kph_u10p6[5]	21376		
t_TrqLOA_X_Kph_u10p6[6]	21440		
t_TrqLOA_X_Kph_u10p6[7]	21504		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp	SecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACm	nd_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpe	eedValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe	eed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_UIs_f32.value	0.7069453		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	9.23353577		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1729.34595		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-873.518066		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	481.622101		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.465056837	0.465056837	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.404291272	0.404291272 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	-0	0 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.10269177	-0.102691986 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	-0	0 ± 0.01	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.853895903	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.649999976	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0604999997	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-8.17680073	
TrqLOA_TloaCmd_MtrNm_M_f32	-8.80000019	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.05647099	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	0.512650967	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	725.99292	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-13.2423515	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	61.5206985	
k_TrqLOA_FallingRampRate_UlspS_f32	-610.38031	
k_TrqLOA_LatAccConversionFactor_Uls_f32	9.95821857	
k_TrqLOA_LimOutput_MtrNm_f32	8.15451336	
k_TrqLOA_MaxScaleFactor_Uls_f32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	3.30371237	
k_TrqLOA_RisingRampRate_UlspS_f32	337.182373	
k_TrqLOA_SteerRatio_Uls_f32	20.3444614	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.245641321	
k_TrqLOA_Wheelbase_M_f32	5.30176973	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192
t2 TrqLOA DiffGainY Uls u1p15[0][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503
t2_TrqLOA_DiffGainY_UIs_u1p15[4][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3] t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	9830 6554
tz_IrqLOA_DiffGainY_Uis_u1p15[6][0] t2_TrqLOA_DiffGainY_Uis_u1p15[6][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830
t2 TrqLOA DiffGainY Uls u1p15[7][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830
t_TrqLOA_DiffGainX_G_u2p14[0]	3277
t_TrqLOA_DiffGainX_G_u2p14[1]	4096
t_TrqLOA_DiffGainX_G_u2p14[2]	4751
t_TrqLOA_DiffGainX_G_u2p14[3]	4915
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	17920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	18240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	18560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	18880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	19200
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60211 60621
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4096
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	8192
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[2]	14336
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	15974
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[4]	17613
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	19251
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	20480
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	22528
t_TrqLOA_X_Kph_u10p6[0]	21568
t_TrqLOA_X_Kph_u10p6[1]	21632
t_TrqLOA_X_Kph_u10p6[2]	21696
t_TrqLOA_X_Kph_u10p6[3]	21760
t_TrqLOA_X_Kph_u10p6[4]	21824
t_TrqLOA_X_Kph_u10p6[5]	21888
t_TrqLOA_X_Kph_u10p6[6]	21952
t_TrqLOA_X_Kph_u10p6[7]	22016
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc



Name	Input Value			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPo	os_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAA	vail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOAC	Cmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleS	peedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleS	peed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.111186981			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	5.03819704			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1083.06836			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	891.086304			
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	150.260559			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.827411175	0.827411175	✓	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.778555155	0.778555155 ± 0.01	✓	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.382106185	-0.382106274 ± 0.01	•	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•	
target TrgLOA Per1 TrgLOACmd MtrNm f32.value	0	0 ± 0.01	•	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA LatAccScaleFactor Uls M f32	0.820842862	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.100000001	
TrqLOA LatAccelSV g M Str.K Uls f32	0.0610000007	
TrgLOA ScaledMtrTrgCmd MtrNm M f32	0.689402282	
TrqLOA_TloaCmd_MtrNm_M_f32	8.80000019	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.40844035	
<pre><_TrqLOA_AbsAssistThreshold_MtrNm_f32</pre>	0.814378321	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	626.317505	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-20.6574211	
k TrgLOA DiffScaleRateLimiterRising UlspS f32	38.2228584	
k TrqLOA FallingRampRate UlspS f32	-506.817291	
k TrqLOA LatAccConversionFactor Uls f32	3.60301948	
k_TrqLOA_LimOutput_MtrNm_f32	1.56273842	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.758953691	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	0.133917198	
k_TrqLOA_RisingRampRate_UlspS_f32	36.966835	
k_TrqLOA_SteerRatio_Uls_f32	91.9759598	
TrgLOA UndersteerGrad RadpG f32	0.0435394794	
TrqLOA_Ondersicorollad_Nadpo_lo2 TrqLOA Wheelbase M f32	12.1447191	
12 TrqLOA_Wilcollassc_W_l02 12 TrqLOA DiffGainY Uls u1p15[0][0]	10158	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	12124	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780	
IZ_TIQLOA_DINGAINT_DIS_UTP15[1][2] IZ_TIQLOA_DIffGainY_UIs_u1p15[1][3]	13107	
12_11qLOA_DINGain1_Dis_u1p15[1][3] 12_TrqLOA_DiffGain1_Uls_u1p15[2][0]	10158	
_ , ,,	12124	
I2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]		
12_TrqLOA_DiffGainY_UIs_u1p15[3][0]	10158 12124	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]		
12_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780	
12_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107 10158	
12_TrqLOA_DiffGainY_Uls_u1p15[4][0]	111	
12_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124	
12_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780	
12_TrqLOA_DiffGainY_UIs_u1p15[4][3]	13107	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158	

2015-06-23, 13:48:37+0530





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124		
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	12780		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107		
t_TrqLOA_DiffGainX_G_u2p14[0] t_TrqLOA_DiffGainX_G_u2p14[1]	5079		
t_TrqLOA_DiffGainX_G_u2p14[1]	6062 6390		
t_TrqLOA_DiffGainX_G_u2p14[3]	6554		
t TrqLOA HighSpeedTrqBlend X Kph u10p6[0]	19520		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	19840		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	20160		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	20480		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	20800		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	9011		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t TrqLOA_EatAccGain Y MtrNmpG u4p12[6]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4915		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	9421		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15155		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16384		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	18432		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	23347		
t_TrqLOA_X_Kph_u10p6[0]	22080		
t_TrqLOA_X_Kph_u10p6[1]	22144		
t_TrqLOA_X_Kph_u10p6[2]	22208		
t_TrqLOA_X_Kph_u10p6[3] t_TrqLOA_X_Kph_u10p6[4]	22272		
t_TrqLOA_X_Kph_u10p6[5]	22336 22400		
t_TrqLOA_X_Kph_u10p6[6]	22464		
t TrqLOA X Kph u10p6[7]	22528		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target TrgLOA Per1 HandwheelA	Authority Uls f32	
target Rte Inst Ap TrqLOA.TrqLOA Per1 LatAcc MpSecSq f32	target_TrqLOA_Per1_LatAcc_MpS	/ - -	
target Rte Inst Ap TrqLOA.TrqLOA Per1 LatAccelValid Cnt Igc	target TrqLOA Per1 LatAccelVali		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaM		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_	MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_I	HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvai	il_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmo		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpee		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	ed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.48769033		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	4.00134468		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc.value target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	44.0692482		
target_TrqLOA_Per1_mit_VelCkr_mit_Radps_is2.value target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-453.635742		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	352.271149		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.779528022	0.779528022	Result
TrqLOA LatAccelSV g M Str.SV UIs f32	9.90182161e-005	9.89999971e-005 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0	0 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	-0	0 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.33450663	-1.33450663 ± 0.01	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	,

-0

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value

0 ± 0.01



Test Step 2.96 (Repeat Count = 1)	L. W.
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.0248603821
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.150000006
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0615000017
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.339883894
TrqLOA_TloaCmd_MtrNm_M_f32	5.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32 k_TrqLOA_AbsAssistThreshold_MtrNm_f32	2 6.36726522
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	911.841431
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-74.932785
k TrqLOA DiffScaleRateLimiterRising UlspS f32	44.4180794
k TrgLOA FallingRampRate UlspS f32	-766.490967
k_TrqLOA_LatAccConversionFactor_Uls_f32	9.63106155
k_TrqLOA_LimOutput_MtrNm_f32	4.86935091
k_TrqLOA_MaxScaleFactor_Uls_f32	0.750078678
k_TrqLOA_MinScaleFactor_Uls_f32	0.230521441
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.80000019
k_TrqLOA_RisingRampRate_UlspS_f32	815.11554
k_TrqLOA_SteerRatio_Uls_f32	12.7931366
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	4.11181211
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763 15729
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2] t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	19661
t2_TrqLOA_DiliGainY_Uls_u1p15[5][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729
t2 TrgLOA DiffGainY Uls u1p15[6][2]	17039
t2 TrgLOA DiffGainY Uls u1p15[6][3]	19661
t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661
t_TrqLOA_DiffGainX_G_u2p14[0]	6881
t_TrqLOA_DiffGainX_G_u2p14[1]	7864
t_TrqLOA_DiffGainX_G_u2p14[2]	8520
t_TrqLOA_DiffGainX_G_u2p14[3]	9830
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	21120
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	21440
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	21760
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	22080
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	22400
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	5734		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	10650		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15974		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16794		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	22938		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24166		
t_TrqLOA_X_Kph_u10p6[0]	22592		
t_TrqLOA_X_Kph_u10p6[1]	22656		
t_TrqLOA_X_Kph_u10p6[2]	22720		
t_TrqLOA_X_Kph_u10p6[3]	22784		
t_TrqLOA_X_Kph_u10p6[4]	22848		
t_TrqLOA_X_Kph_u10p6[5]	22912		
t_TrqLOA_X_Kph_u10p6[6]	22976		
t_TrqLOA_X_Kph_u10p6[7]	23040		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpee	dValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	d_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	3.06545424		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1268.74792		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-652.664185		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	408.58313		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.113696545	0.113696545	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	-0.075556621	-0.0755565986 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.219296321	-0.219296351 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	-0.219296321	-0.219296351 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.467018008	0.467018098 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	-0.219296321	-0.219296351 ± 0.01	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.473232627	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.20000003	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.061999999	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-5.3724966	
TrqLOA_TloaCmd_MtrNm_M_f32	0	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.422920167	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	5.39689827	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	283.463959	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-67.6074982	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	33.8648224	
k_TrqLOA_FallingRampRate_UlspS_f32	-953.82843	
k_TrqLOA_LatAccConversionFactor_Uls_f32	10	
k_TrqLOA_LimOutput_MtrNm_f32	6.99315357	
k_TrqLOA_MaxScaleFactor_Uls_f32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.80000019	
k_TrqLOA_RisingRampRate_UlspS_f32	537.350464	
k_TrqLOA_SteerRatio_Uls_f32	11.9565916	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.190257654	
k_TrqLOA_Wheelbase_M_f32	15.0664587	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[0][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333 21299
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	17367
t2_TrqLOA_DiffGainY_UIs_u1p15[5][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299
t2 TrqLOA DiffGainY Uls u1p15[5][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214
t_TrqLOA_DiffGainX_G_u2p14[0]	8684
t_TrqLOA_DiffGainX_G_u2p14[1]	9667
t_TrqLOA_DiffGainX_G_u2p14[2]	10650
t_TrqLOA_DiffGainX_G_u2p14[3]	13107
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	22720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	23040
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	23360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	23680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	24000
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830 13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1] t TrqLOA HighSpeedTrqBlend Y Uls u1p15[2]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938
t_TrqLOA_tatAccGain_Y_MtrNmpG_u4p12[0]	36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152
t TrqLOA LatAccGain Y MtrNmpG u4p12[7]	49971
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	6554
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	11878
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	16794
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17203
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20070
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	21709
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	24166
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24986
t_TrqLOA_X_Kph_u10p6[0]	23104
t_TrqLOA_X_Kph_u10p6[1]	23168
t_TrqLOA_X_Kph_u10p6[2]	23232
t_TrqLOA_X_Kph_u10p6[3]	23296
t_TrqLOA_X_Kph_u10p6[4]	23360
t_TrqLOA_X_Kph_u10p6[5]	23424
t_TrqLOA_X_Kph_u10p6[6]	23488
t_TrqLOA_X_Kph_u10p6[7]	23552
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
terest Dts lest As Test OA Test OA D 4 1 14 A C O C CC	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc



Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_I	MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_H	HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail	I_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd	_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpee	dValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	d_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.12183249		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-9.55003071		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1979.64465		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	12.6925011		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	140.615936		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.540962279	0.540962279	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.191600814	0.191600814 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	<u> </u>

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA LatAccScaleFactor Uls M f32	0.821841478	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.25	
TrqLOA LatAccelSV g M Str.K Uls f32	0.0625	
TrqLOA ScaledMtrTrqCmd MtrNm M f32	-4.27574492	
TrqLOA_TloaCmd_MtrNm_M_f32	5.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	10	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	920.951111	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-83.8934708	
k TrgLOA DiffScaleRateLimiterRising UlspS f32	85.6148682	
k TrqLOA FallingRampRate UlspS f32	-57.8031731	
k TrqLOA_r allingramprate_olspo_lsz k TrqLOA LatAccConversionFactor Uls f32	8.28598976	
k_TrqLOA_LimOutput_MtrNm_f32	7.97832537	
k_TrqLOA_LiniOdiput_Mithin_i32	0.560720205	
k_TrqLOA_MinScaleFactor_Uls_f32	0.692810535	
k_TrqLOA_NomDrvTrq_MtrNm_f32	5.78577137	
k_TrqLOA_RisingRampRate_UlspS_f32	143.039902	
k_TrqLOA_SteerRatio_Uls_f32	23.3712559	
k TrqLOA_Gleen\alio_Gls_i32	0.25	
k TrqLOA_UndersteerGrau_reaupg_loz	10.1034899	
t2 TrqLOA_WifeGinaSe_W_IS2 t2 TrqLOA DiffGainY Uls u1p15[0][0]	655	
t2_TrqLOA_DillGainY_Uls_u1p15[0][0] t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458	
t2_TrqLOA_DillGainY_Uls_u1p15[0][1] t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915	
	6226	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	655	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	2458	
12_TrqLOA_DiffGainY_Uls_u1p15[1][1]	4915	
I2_TrqLOA_DiffGainY_UIs_u1p15[1][2]	6226	
I2_TrqLOA_DiffGainY_UIs_u1p15[1][3]		
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655 2458	
t2_TrqLOA_DiffGainY_UIs_u1p15[2][1]		
12_TrqLOA_DiffGainY_UIs_u1p15[2][2]	4915 6226	
I2_TrqLOA_DiffGainY_UIs_u1p15[2][3]	655	
12_TrqLOA_DiffGainY_Uls_u1p15[3][0]		
12_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915	
I2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655	
12_TrqLOA_DiffGainY_UIs_u1p15[4][1]	2458	
12_TrqLOA_DiffGainY_UIs_u1p15[4][2]	4915	
12_TrqLOA_DiffGainY_UIs_u1p15[4][3]	6226	
12_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655	
I2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	4915	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655	

2015-06-23, 13:48:37+0530





2. mpd AD Defaulty Lay 145(197) 2. mpd AD Defaulty Lay 145(197) 2. mpd AD Defaulty Lay 145(197) 3. mpd AD Defaulty Lay 145(197) 4. mpd AD Defaulty Lay 145(197				
2. Treat On, Different Vis. prins (P) C22 2. Treat On, Different	Name	Input Value		
2. Trec.O.D. (Dirical V. Us. pripsity) 62 2. Trec.O.D. (Dirical V. Us. pripsity) 65 2. Trec.O.D. (Dirical V. V. V. Us. pripsity) 65 2. Trec.O.D. (D	t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458		
2. Tep Cot, Deficianty Us. prips 70 2. Tep Cot, Deficianty Us. pri	t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915		
2. Troto A. Director V. B. July 1971 245 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Printer V. B. July 1971 247 Z. Troto A. July 19	t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226		
2. Troto A. Director V. B. July 1971 245 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Director V. B. July 1971 247 Z. Troto A. Printer V. B. July 1971 247 Z. Troto A. July 19	t2 TrqLOA DiffGainY Uls u1p15[7][0]	655		
2. TroLOA, Difficanty (b., pripst[7])		2458		
2_mjo Ap. Prilation 12_mjo April 10046		4915		
Timp CAD Different C_upby (4)				
Lingto A. Differant Xuphy14 -Lingto A. Lingtoperatine Xuphy14 -Lingto A. Lingtoperatine X_uphy14 -Lingto A. L				
Timps Co. Difficants C. Liph (192)				
T.T. (CA. P. JAPSSENETT SERVER X, York 10580)				
TrickOA PijoSeped TipBenu X, Knj. urgoPg1 10400 10400				
TimpCoA HighSpeerTrigillead X Keh u10p8[1] 10560 105				
T.				
Ling CA, HighSpeed Trigillend X, Kiph_Unoptial 10800				
Lings CA MisSissent Tolletes X, Men Lings CA				
Timps CA HisSpeed Trailbeard Yule utp 15				
Limps Ch. Hard School Triple (m. V. Lim, 1976 19	t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	11200		
C, Trug CA, Hayl Scend Fingland Y, Uni, u1p 13(2)	t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830		
Linck A. Hardsbeed findlend Y. Ulle Lin (1918) 19661 Ling CA. Lankcedan Y. Minhang G. Ling (20) 53246 Ling CA. Lankcedan Y. Minhang G. Ling (20) 53246 Ling CA. Lankcedan Y. Minhang G. Ling (20) 53246 Ling CA. Lankcedan Y. Minhang G. Ling (20) 53246 Ling CA. Lankcedan Y. Minhang G. Ling (20) 58815 Ling CA. Kin Ling G. Ling CA. Ling C	t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107		
TimpLoA Julis Color Yulis Timple 2238	t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384		
LingLoAL Jankcoson	t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661		
LingLoA LankAccion	t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938		
LingLoA_LanceCoan Y_Mithingo_Lysin2	t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]			
LTrq.CA_LARACGAIN _Y_MthYmpG_u4p122				
LTING DAL LIANCEGIAN Y MRINNING LIPIT 23				
TingLoA_LabAccoain Y_MinhingG_u4d128				
C_TRUCO_A_LIANCEGIAN_Y_MININIPG_upt_12[9]				
TingLOA_Lankscain_Y_MinhingG_ude12[9]				
TrqLoA_Larkcofain_Y_MinhympG_u4p127 161030 171040A_TempTrqCmdSatYTD_Minhym_u4p12(0) 7373 15107 171040A_TempTrqCmdSatYTD_Minhym_u4p12(0) 17613 171040A_TempTrqCmdSatYTD_Minhym_u4p12(0) 17613 171040A_TempTrqCmdSatYTD_Minhym_u4p12(0) 22588 171040A_TempTrqCmdSatYTD_Minhym_u4p12(0) 22588 171040A_TempTrqCmdSatYTD_Minhym_u4p12(0) 22588 171040A_TempTrqCmdSatYTD_Minhym_u4p12(0) 22588 171040A_TempTrqCmdSatYTD_Minhym_u4p12(0) 22588 171040A_TempTrqCmdSatYTD_Minhym_u4p12(0) 22588 171040A_X lengthqCmdSatYTD_Minhym_u4p12(0) 22589 171040A_X lengthqCmdSatYTD_Minhym_u4p12(0) 171040A_X lengthqCmd_Minhym_u4p12(0) 17				
LingLoA_TempTriqComdSatYTD_MthYm_ubp12()				
L TrqLOA_TempTrqCmdsstYTD_MtrNrm_uspt2[2] 17613 L TrqLOA_TempTrqCmdsstYTD_MtrNrm_uspt2[2] 17613 L TrqLOA_TempTrqCmdsstYTD_MtrNrm_uspt2[2] 27613 L TrqLOA_TempTrqCmdsstYTD_MtrNrm_uspt2[2] 27623 L TrqLOA_TempTrqCmdsstYTD_MtrNrm_uspt2[2] 27623 L TrqLOA_TempTrqCmdsstYTD_MtrNrm_uspt2[2] 27623 L TrqLOA_TempTrqCmdsstYTD_MtrNrm_uspt2[2] 27623 L TrqLOA_TempTrqCmdsstYTD_MtrNrm_uspt2[2] 27630 L TrqLOA_TempTrqCmdsstYTD_MtrNrm_uspt2[2] 27630 L TrqLOA_X Kph_ur10p6[0] 27610 L Trq				
TrqLOA_TempTrqCmdSaYTNb_MtNm_ushp12 3				
TrqLOA_TempTrqCmdSstYTb_MtrNm_u4p12 3 20690	t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]			
TrqLOA_TempTrqCmdSaYTb_MtnNm_udp12[4] 20890	t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	17613		
TrqLOA_TempTrqCmdSaYTbl_MtrNm_u4p12[5] 22528 25595 255	t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17613		
TrqLOA_TempTrqCmdSatYTb_MtNm_u4p12[6] 25895 25895	t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20890		
TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[7] 25805 25816	t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	22528		
TrqLOA_TempTrqCmdSaYTb MirNm_u4p12[7] 25805 TrqLOA_X_fch_u10p6[0] 28816 TrqLOA_X_fch_u10p6[2] 23800 TrqLOA_X_fch_u10p6[2] 23800 TrqLOA_X_fch_u10p6[3] 23808 TrqLOA_X_fch_u10p6[3] 23808 TrqLOA_X_fch_u10p6[4] 23872 TrqLOA_X_fch_u10p6[5] 24900 TrqLOA_X_fch_u10p6[7]	t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	25395		
TirqLOA_X_kph_u10p6[0] 23616 22680		25805		
TrqLOA X Kph_u10p6[1]				
TrqLOA X Kph_u10p6[2]				
TrqLOA_X_Kph_u10p6[3]				
TrqLOA_X_Kph_u10p6[4]				
TrqLOA_X_Kph_u10p6[5] 23936 24000				
TrqLOA_X_kph_u10p6f6 24000				
24064 2406				
target_Rte_Inst_Ap_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_MotAq_LoaMtgntEn_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_TrqLOA_Per1_NdAC_MpSecSq_f32 value 0.780582905 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc_value 10 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc_value 10 target_TrqLOA_Per1_MotAqLoaMtgntEn_Cnt_lgc_value 11 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc_value 11 target_TrqLOA_Per1_VehicleSpeedValid_				
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Pert_LatAcceValid_Cnt_Igc				
target_Rte_Inst_Ap_TrqLOA_Pert_LatAccelValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Pert_MitvelCRF_MitrAdpS_132 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Pert_MitvelCRF_MitrAdpS_132 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Pert_MitvelCRF_MitrAdpS_132 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Pert_Rell+wPos_HwDeg_132 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Pert_TrqLOAMavail_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Pert_TrqLOAMavail_Cnt_lgc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Pert_TrqLOACmd_MitvMn_132 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Pert_TrqLOACmd_MitvMn_132 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Pert_VehicleSpeedValid_Cnt_lgc target_TrqLOA_Pert_VehicleSpeedValid_Cnt_lgc target_TrqLOA_Pert_VehicleSpeedValid_Cnt_lgc target_TrqLOA_Pert_VehicleSpeed_Kph_132 target_TrqLOA_Pert_VehicleSpeed_Kph_132 target_TrqLOA_Pert_LatAcceValid_Cnt_lgc_value target_TrqLOA_Pert_MitvelCRF_MitrAdpS_132_value 10 target_TrqLOA_Pert_MitvelCRF_MitrAdpS_132_value 11 target_TrqLOA_Pert_MitvelCRF_MitrAdpS_132_value 12 target_TrqLOA_Pert_MitvelCRF_MitrAdpS_132_value 13 target_TrqLOA_Pert_MitvelCRF_MitrAdpS_132_value 13 target_TrqLOA_Pert_VehicleSpeed_Kph_132_value 14 target_TrqLOA_Pert_VehicleSpeed_Kph_132_value 15 target_TrqLOA_Pert_VehicleSpeed_Kph_132_value 16 target_TrqLOA_Pert_VehicleSpeed_Kph_132_value 17 target_TrqLOA_Pert_VehicleSpeed_Kph_132_value 185.611267 **Name** **Actual Value** **Actual Value** **Expected Value** **Result** TrqLOA_ScaledMitrTrqCmd_MitrNm_M_132 0.654054523 0.654054523 0.654054523 0.654054523 0.6824145436 0.0824145436 0.01 0.8241		target_TrqLOA_Per1_HandwheelAu	thority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_TrqLOAAvaii_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_TrqLOAAvaii_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_TrqLOAAvaii_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_VehicleSpeed_Kpf_f32 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value 0.780582905 target_TrqLOA_Per1_LatAcc_MpSecSq_f32_value 10 target_TrqLOA_Per1_LatAcc_MpSecSq_f32_value 11 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32_value 12 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32_value 13 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32_value 13 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32_value 13 target_TrqLOA_Per1_NtrVelCRF_MtrRadpS_f32_value 13 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc_value 14 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc_value 15 target_TrqLOA_Per1_VehicleSpeed_Kpf_f32_value 16 target_TrqLOA_Per1_WtrVelCRF_MtrRadpS_f32_value 176 target_TrqLOA_Per1_VehicleSpeed_Kpf_f32_value 185.611267 Name Actual Value Expected Value Result TrqLOA_LatAccScaleFactor_Uls_M_f32 0.654054523 0.654054523 0.654054523 0.654054523 0.654054523 0.654054523 0.65405436 0.0824145436 0.01 0.824145436 0.0824145436 0.01 0.824145436 0.0824145436 0.01 0.824145436 0.0824145436 0.01 0.824145436 0.0824145436 0.01 0.824145436 0.0824145436 0.01 0.824145436 0.0824145436 0.01 0.824145436 0.0824145436 0.01 0.824145436 0.0824145436 0.01 0.824145436 0.01 0.824145436 0.0824145436 0.01 0.824145436 0.0824145436 0.01 0.824145436 0.0824145436 0.01 0.824145436 0.0824145436 0.01 0.824145436 0.0824145436 0.01 0.824145436 0.0824145436 0.01	target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSe	cSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAVail_Cnt_Igc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAVail_Cnt_Igc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACMmd_MtrNm_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_TrqLOA_Per1_LatAccc_MSecSq_f32_value 10 target_TrqLOA_Per1_LatAccc_MSecSq_f32_value 11 target_TrqLOA_Per1_LatAccc_MSecSq_f32_value 12 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32_value 13 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32_value 14 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32_value 15 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32_value 16 target_TrqLOA_Per1_NelHwPos_HwDeg_f32_value 17 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc_value 185.611267 Name Actual Value Actual Value Expected Value Result TrqLOA_LatAccsCaleFactor_UIs_M_f32 0.654054523 0.654054523 0.654054523 0.654054523 0.684045426 0.183643296 0.183643296 0.183643296 0.183643296 0.183643296 0.01445436 0.824145436	target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_	_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvaii_Cnt_lgc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc target_TrqLOA_Per1_LetAcc_MpSecSq_f32_value 0.780582905 target_TrqLOA_Per1_LatAcc_MpSecSq_f32_value 10 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value 10 target_TrqLOA_Per1_MtrVeltoRF_MtrRadpS_f32_value 11 target_TrqLOA_Per1_MtrVeltoRF_MtrRadpS_f32_value 12 target_TrqLOA_Per1_MtrVeltoRF_MtrRadpS_f32_value 12 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value 13 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value 14 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value 15 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value 16 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value 17 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value 185.611267 Name Actual Value Expected Value Result TrqLOA_LatAccsCaleFactor_Uls_M_f32 0.654054523 0.654054523 0.654054523 0.683403296 0.183643296 0.0183643296 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 0.824145436 0.824145436 0.0824145436 0.0824145436 0.0824145436 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1.88439369 1.88439369 1.88439369 1.88439369 1.88439369 0.01 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value 0	target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtg	tnEn_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_TrqLOAVail_f32 target_TrqLOA_Per1_TrqLOAVail_fa12 target_TrqLOA_Per1_TrqLOAVail_fa12 target_TrqLOA_Per1_TrqLOAVail_fa12 target_TrqLOA_Per1_TrqLOAVail_fa12 target_TrqLOA_Per1_TrqLOAVail_fa12 target_TrqLOA_Per1_TrqLOAVail_fa12 target_TrqLOA_Per1_TrqLOAVail_fa12 tar	target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_M	trRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_TrqLOAVail_f32 target_TrqLOA_Per1_TrqLOAVail_fa12 target_TrqLOA_Per1_TrqLOAVail_fa12 target_TrqLOA_Per1_TrqLOAVail_fa12 target_TrqLOA_Per1_TrqLOAVail_fa12 target_TrqLOA_Per1_TrqLOAVail_fa12 target_TrqLOA_Per1_TrqLOAVail_fa12 target_TrqLOA_Per1_TrqLOAVail_fa12 tar	target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32		. –	
target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value target_TrqLOA_Per1_LatAcc_Mpsecsq_f32.value target_TrqLOA_Per1_LatAcc_Mpsecsq_f32.value target_TrqLOA_Per1_LatAcc_Mpsecsq_f32.value target_TrqLOA_Per1_LatAcc_Mpsecsq_f32.value target_TrqLOA_Per1_LatAcc_Mpsecsq_f32.value target_TrqLOA_Per1_MotAgLoaMtghrEn_Cnt_lgc.value target_TrqLOA_Per1_MtrVelCRF_MtrRadps_f32.value target_TrqLOA_Per1_MerlVelCRF_MtrRadps_f32.value -1763.45972 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value a182.254303 target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 185.611267 Name Actual Value Expected Value Result TrqLOA_LatAccsCscaleFactor_Uls_M_f32 0.684054523 0.6854054523 0.6824145436 0.01 0.824145436 0.0824145436 0.01 0.824145436 0.0824145436 0.01 0.824145436 0.01 0.824145436 0.01 0.824145436 0.01 0.84439369 1.88439369 1.88439369 0.01 0 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc			
target_Rte_Inst_Ap_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_HandwheelAuthority_UIs_f32.value 0.780582905 target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value 10 target_TrqLOA_Per1_LatAccelValid_Cnt_Igc.value 10 target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc.value 11 target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc.value 12.254303 target_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc.value 1312.254303 target_TrqLOA_Per1_MotPos_HwDeg_f32.value 1312.254303 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value 185.611267 Name Actual Value TrqLOA_LatAccsCaleFactor_UIs_M_f32 0.654054523 0.654054523 0.654054523 0.654054523 0.183643296 0.183643296 0.183643296 0.183643296 0.183643296 0.183643296 0.082414543				
target_Rte_Inst_Ap_TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value 0.780582905 target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value 10 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value 10 target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value 11 target_TrqLOA_Per1_MtrVelCRF_MtrRadps_f32.value 12 target_TrqLOA_Per1_MtrVelCRF_MtrRadps_f32.value 1312.254303 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value 185.611267 Name Actual Value Expected Value Result				
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value 0.780582905 target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value 10 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value 0 target_TrqLOA_Per1_MotAgLoaMtgtmEn_Cnt_lgc.value 1 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value -1763.45972 target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value -312.254303 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value 0 target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 185.611267 Name Actual Value Expected Value Result TrqLOA_LatAccScaleFactor_Uls_M_f32 0.654054523 0.654054523 0.654054523 TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.183643296 0.183643296 ± 0.01 0 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 0 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1.88439369 1.88439369 ± 0.01 0 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value 0 0 0				
target_TrqLOA_Per1_LatAcc_MpSecSq_f32_value target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32_value target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32_value -1763.45972 target_TrqLOA_Per1_RelHwPos_HwDeg_f32_value -312_254303 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value target_TrqLOA_Per1_VehicleSpeed_Kph_f32_value 185.611267 Name Actual Value Expected Value Result TrqLOA_LatAcccScaleFactor_Uls_M_f32 0.654054523 0.654054523 0.654054523 0.654054523 TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.183643296 0.183643296 0.183643296 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 TrqLOA_TrqLOA_TrqLoA_MtrNm_M_f32 1.88439369 1.88439369 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1.88439369 1.88439369 ± 0.01 Target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value 0 0			_1\pi_102	
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value 0 target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value 1 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value -1763.45972 target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value -312.254303 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value 0 target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 185.611267 Name Actual Value Expected Value Result TrqLOA_LatAccScaleFactor_Uls_M_f32 0.654054523 0.654054523 • TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.183643296 0.183643296 ± 0.01 • TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 • TrqLOA_TloaCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 • TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1.88439369 1.88439369 ± 0.01 • target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value 0 0 •	· - · · ·			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value 1 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value -1763.45972 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value -312.254303 target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 0 Name Actual Value Expected Value Result TrqLOA_LatAccScaleFactor_Uls_M_f32 0.654054523 0.654054523 0.654054523 TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.183643296 0.183643296 ± 0.01 0.7740A_ScaledMtrTrqCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 -0.824145436 ±				
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value -1763.45972 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value 0 target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 185.611267 Name Actual Value Expected Value Result TrqLOA_LatAccScaleFactor_Uls_M_f32 0.654054523 0.654054523 TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.183643296 0.183643296 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1.88439369 1.88439369 ± 0.01 target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc.value 0 0				
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value -312.254303 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value 0 target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 185.611267 Name Actual Value Expected Value Result TrqLOA_LatAccScaleFactor_Uls_M_f32 0.654054523 0.654054523 TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.183643296 0.183643296 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1.88439369 1.88439369 ± 0.01 target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc.value 0 0				
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value 0 target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 185.611267 Name Actual Value Expected Value Result TrqLOA_LatAccScaleFactor_Uls_M_f32 0.654054523 0.654054523 TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.183643296 0.183643296 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1.88439369 1.88439369 ± 0.01 target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc.value 0 0	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value			
Name Actual Value Expected Value Result TrqLOA_LatAccScaleFactor_Uls_M_f32 0.654054523 0.654054523 ✓ TrqLOA_LatAcceIsV_g_M_Str.SV_Uls_f32 0.183643296 0.183643296 ± 0.01 ✓ TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 ✓ TrqLOA_TloaCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 ✓ TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1.88439369 1.88439369 ± 0.01 ✓ target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value 0 0 ✓	target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value			
Name Actual Value Expected Value Result TrqLOA_tatAccScaleFactor_Uls_M_f32 0.654054523 0.654054523 ✓ TrqLOA_tatAcceISV_g_M_Str.SV_Uls_f32 0.183643296 0.183643296 ± 0.01 ✓ TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 ✓ TrqLOA_TloaCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 ✓ TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1.88439369 1.88439369 ± 0.01 ✓ target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value 0 0 ✓	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
TrqLOA_LatAccScaleFactor_Uls_M_f32 0.654054523 0.654054523 TrqLOA_LatAcceISV_g_M_Str.SV_Uls_f32 0.183643296 0.183643296 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1.88439369 1.88439369 ± 0.01 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value 0 0	target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	185.611267		
TrqLOA_LatAccScaleFactor_Uls_M_f32 0.654054523 0.654054523 TrqLOA_LatAcceISV_g_M_Str.SV_Uls_f32 0.183643296 0.183643296 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1.88439369 1.88439369 ± 0.01 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value 0 0	Name	Actual Value	Expected Value	Result
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32 0.183643296 0.183643296 ± 0.01 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1.88439369 1.88439369 ± 0.01 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value 0 0			·	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 TrqLOA_TloaCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1.88439369 1.88439369 ± 0.01 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value 0 0	·			
TrqLOA_TloaCmd_MtrNm_M_f32 -0.824145436 -0.824145436 ± 0.01 TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1.88439369 1.88439369 ± 0.01 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value 0 ■				
TrqLOA_TrqBasedScaleFactor_Uls_M_f32 1.88439369 1.88439369 ± 0.01 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value 0 0				-
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value 0				
				•
target_rqLOA_Per1_frqLOACmd_MtrNm_f32.value -0.824145436 -0.824145436 ± 0.01 ■				~
	target_IrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	-0.824145436	-0.824145436 ± 0.01	<u> </u>





Name	
Ret_Inst_Ap_TrqLOA	
TrqLOA_LatAccesSoreFator_Uis_M_32	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f22 0.063000001 TrqLOA_ScaledHirTrqCmd_MRNm_M_S12 0.724759221 TrqLOA_Tood_MRNm_M_S12 7 TrqLOA_Tood_MRNm_M_S12 1.26003338 K_TrqLOA_Abs/SasistThreshold_MRNm_S12 9.399084 K_TrqLOA_DASASSISTThreshold_MRNm_S12 9.3990894 K_TrqLOA_DIffScaleRateLimiterFailing_UlspS_G12 436.613129 K_TrqLOA_DiffScaleRateLimiterFailing_UlspS_G12 436.613129 K_TrqLOA_DiffScaleRateLimiterFailing_UlspS_G12 40.5314102 K_TrqLOA_DiffScaleRateLimiterFailing_UlspS_G12 40.5314102 K_TrqLOA_LatAccConversionFactor_UlspS_G12 40.5314102 K_TrqLOA_LatAccConversionFactor_UlspS_G12 9.13300269 K_TrqLOA_LimOutput_MrNm_G12 8.80000019 K_TrqLOA_MinscaleFactor_UlspS_G12 1 K_TrqLOA_MinscaleFactor_UlspS_G12 1 K_TrqLOA_DAMScaleFactor_UlspS_G12 1 K_TrqLOA_SteerRato_UlspS_G12 191.476471 K_TrqLOA_DEscarate_UlspS_G12 191.476471 K_TrqLOA_DiffCaleSteerGrad_RadpG_G12 0.25 K_TrqLOA_DiffCaleSteerGrad_RadpG_G12 0.25 K_TrqLOA_DiffCaleSteerGrad_RadpG_G12 0.25	
TrqLOA_ScaledMt/TrqCmd_MtrNm_M_f32 7 TrqLOA_TloaCmd_MtrNm_M_f32 1 TrqLOA_TrqBaedScaleFact_Uls_M_f32 1.29603338 k_TrqLOA_AbssistThreshold_MtrNm_f32 9.3999994 k_TrqLOA_DabsasistThreshold_MtrNm_f32 436.613129 k_TrqLOA_DiffScaleRateLimiterFailing_UlspS_f32 436.613129 k_TrqLOA_DiffScaleRateLimiterFailing_UlspS_f32 43.6678788 k_TrqLOA_Lot DiffScaleRateLimiterFailing_UlspS_f32 40.5314102 k_TrqLOA_Lot DiffScaleRateLimiterFailing_UlspS_f32 40.5314102 k_TrqLOA_Lot DiffScaleRateLimiterFailing_UlspS_f32 9.13330269 k_TrqLOA_Lot DiffScaleRateLimiterFailing_UlspS_f32 9.13330269 k_TrqLOA_Lot DiffScaleRateLimiterFailing_UlspS_f32 9.13330269 k_TrqLOA_Lot DiffScaleRateLimiterFailing_UlspS_f32 9.13330269 k_TrqLOA_MillorScaleFactor_Uls_f32 0.78530892 k_TrqLOA_MillorScaleFactor_Uls_f32 1 k_TrqLOA_MillorScaleFactor_Uls_f32 1 k_TrqLOA_NomDryTrq_MtrNm_f32 0.28860457 k_TrqLOA_WillorScaleFactor_Uls_f32 9.11476471 k_TrqLOA_WillorScaleFactor_Uls_f32 9.11476471 k_TrqLOA_DiffGainy_Uls_ulpf5[0][0] 6554 <td></td>	
TrqLOA_TioaCmd_MtrNm_M_f32 7 TrqLOA_TrqBasedScaleFactor_Uis_M_f32 1 29603338 K_TrqLOA_AbssaisInTreshold_MtrNm_f32 9 3990984 K_TrqLOA_DiffScaleFateLimiterFaling_UispS_f32 43.6 fi1329 K_TrqLOA_DiffScaleRateLimiterFaling_UispS_f32 43.6 fi1329 K_TrqLOA_DiffScaleRateLimiterFaling_UispS_f32 40.5314102 K_TrqLOA_FalingRampRate_UispS_f32 40.5314102 K_TrqLOA_LatAccConversionFactor_Uis_f32 9.13330269 K_TrqLOA_LatAccConversionFactor_Uis_f32 8.80000019 K_TrqLOA_MinScaleFactor_Uis_f32 0.7853030892 K_TrqLOA_MinScaleFactor_Uis_f32 1 K_TrqLOA_MinScaleFactor_Uis_f32 1 K_TrqLOA_SisingRampRate_UispS_f32 191.476471 K_TrqLOA_SisingRampRate_UispS_f32 191.476471 K_TrqLOA_DiffsaingRampRate_UispS_f32 118.77044 K_TrqLOA_UndersteerGrad_RadpG_f32 0.25 K_TrqLOA_UndersteerGrad_RadpG_f32 0.25 K_TrqLOA_DiffGainY_Uis_utp15[0][0] 6554 L_TrqLOA_DiffGainY_Uis_utp15[0][1] 8192 L_TrqLOA_DiffGainY_Uis_utp15[1][1] 8192 L_TrqLOA_DiffGainY_Uis_utp15[2][2] 9503	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	
k_TrqLOA_AbsAssistThreshold_MtrAbg_512	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32 436.613129 k_TrqLOA_DiffScaleRate.ImiterFalling_UlspS_f32 436.6676788 k_TrqLOA_DiffScaleRate.ImiterFalling_UlspS_f32 40.5314102 k_TrqLOA_FallingRampRate_UlspS_f32 56.7299957 k_TrqLOA_LatAccConversionFactor_Uls_f32 9.13330269 k_TrqLOA_LatAccConversionFactor_Uls_f32 0.785330892 k_TrqLOA_MinScaleFactor_Uls_f32 0.785330892 k_TrqLOA_MinScaleFactor_Uls_f32 1 k_TrqLOA_MinScaleFactor_Uls_f32 1 k_TrqLOA_MinScaleFactor_Uls_f32 1 k_TrqLOA_MinScaleFactor_Uls_f32 19.1476471 k_TrqLOA_SteerRatio_Uls_f32 191.476471 k_TrqLOA_SteerRatio_Uls_f32 31.1621704 k_TrqLOA_UndersteerGrad_RadpG_f32 0.25 k_TrqLOA_UndersteerGrad_RadpG_f32 6554 t_TrqLOA_DiffGainY_Uls_urj15[0][0] 6554 2_TrqLOA_DiffGainY_Uls_urj15[0][1] 8192 2_TrqLOA_DiffGainY_Uls_urj15[0][1] 8192 2_TrqLOA_DiffGainY_Uls_urj15[1][1] 8192 2_TrqLOA_DiffGainY_Uls_urj15[1][1] 8192 2_TrqLOA_DiffGainY_Uls_urj15[2][1] 850 2_TrqLOA_Di	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	
k_TrqLOA_FallingRampRate_UlspS_f32	
k_TrqLOA_LimOutput_MtrNm_f32	
k_TrqLOA_MaxScaleFactor_Uls_f32	
k_TrqLOA_MinScaleFactor_Uls_f32 1 k_TrqLOA_NomDrvTrq_MtrNm_f32 0.289960457 k_TrqLOA_SteerRatio_Uls_f32 191.476471 k_TrqLOA_SteerRatio_Uls_f32 81.1621704 k_TrqLOA_UndersteerGrad_RadpG_f32 0.25 k_TrqLOA_DiffGainY_Uls_ulp15f0[0] 6554 12_TrqLOA_DiffGainY_Uls_ulp15f0[1] 8192 2_TrqLOA_DiffGainY_Uls_ulp15f0[1] 8192 2_TrqLOA_DiffGainY_Uls_ulp15f0[1] 9830 12_TrqLOA_DiffGainY_Uls_ulp15f1[1] 8192 12_TrqLOA_DiffGainY_Uls_ulp15f1[1] 8192 12_TrqLOA_DiffGainY_Uls_ulp15f1[1] 8192 12_TrqLOA_DiffGainY_Uls_ulp15f1[1] 8192 12_TrqLOA_DiffGainY_Uls_ulp15f1[1] 9503 12_TrqLOA_DiffGainY_Uls_ulp15f2[1] 9503 12_TrqLOA_DiffGainY_Uls_ulp15f2[1] 8192 12_TrqLOA_DiffGainY_Uls_ulp15f2[1] 8192 12_TrqLOA_DiffGainY_Uls_ulp15f2[1] 8192 12_TrqLOA_DiffGainY_Uls_ulp15f3[1] 8192 12_TrqLOA_DiffGainY_Uls_ulp15f3[1] 8192 12_TrqLOA_DiffGainY_Uls_ulp15f3[1] 8192 12_TrqLOA_DiffGainY_Uls_ulp15f3[1] 8192 12_TrqLOA_DiffGainY_Uls_ulp15f4[1] 8192 <td></td>	
k_TrqLOA_NomDrvTrq_MtrNm_f32	
k_TrqLOA_RisingRampRate_UlspS_f32 191.476471 k_TrqLOA_SteerRatio_Uls_f32 81.1621704 k_TrqLOA_UndersteerGrad_RadpG_f32 0.25 k_TrqLOA_DiffGainY_Uls_ulp15[0][0] 6554 22_TrqLOA_DiffGainY_Uls_ulp15[0][1] 8192 22_TrqLOA_DiffGainY_Uls_ulp15[0][2] 9503 12_TrqLOA_DiffGainY_Uls_ulp15[0][3] 9830 12_TrqLOA_DiffGainY_Uls_ulp15[1][0] 6554 12_TrqLOA_DiffGainY_Uls_ulp15[1][1] 8192 12_TrqLOA_DiffGainY_Uls_ulp15[1][1] 8192 12_TrqLOA_DiffGainY_Uls_ulp15[1][1] 8192 12_TrqLOA_DiffGainY_Uls_ulp15[1][2] 9503 12_TrqLOA_DiffGainY_Uls_ulp15[2][0] 6554 12_TrqLOA_DiffGainY_Uls_ulp15[2][0] 6554 12_TrqLOA_DiffGainY_Uls_ulp15[2][1] 8192 12_TrqLOA_DiffGainY_Uls_ulp15[2][2] 9503 12_TrqLOA_DiffGainY_Uls_ulp15[3][0] 6554 12_TrqLOA_DiffGainY_Uls_ulp15[3][1] 8192 12_TrqLOA_DiffGainY_Uls_ulp15[3][1] 8192 12_TrqLOA_DiffGainY_Uls_ulp15[3][2] 9503 12_TrqLOA_DiffGainY_Uls_ulp15[3][3] 9830 12_TrqLOA_DiffGainY_Uls_ulp15[3][3] 9830 12_TrqLOA_DiffGainY_Uls_ulp15[3][3]<	
k_TrqLOA_SteerRatio_UIs_f32 81.1621704 k_TrqLOA_UndersteerGrad_RadpG_f32 0.25 k_TrqLOA_Wheelbase_M_f32 16.883234 t2_TrqLOA_DiffGainY_UIs_u1p15[0][0] 6554 t2_TrqLOA_DiffGainY_UIs_u1p15[0][1] 8192 t2_TrqLOA_DiffGainY_UIs_u1p15[0][2] 9503 t2_TrqLOA_DiffGainY_UIs_u1p15[0][3] 9830 t2_TrqLOA_DiffGainY_UIs_u1p15[1][0] 6554 t2_TrqLOA_DiffGainY_UIs_u1p15[1][1] 8192 t2_TrqLOA_DiffGainY_UIs_u1p15[1][2] 9503 t2_TrqLOA_DiffGainY_UIs_u1p15[1][2] 9503 t2_TrqLOA_DiffGainY_UIs_u1p15[1][3] 9830 t2_TrqLOA_DiffGainY_UIs_u1p15[2][0] 6554 t2_TrqLOA_DiffGainY_UIs_u1p15[2][1] 8192 t2_TrqLOA_DiffGainY_UIs_u1p15[2][2] 9503 t2_TrqLOA_DiffGainY_UIs_u1p15[2][3] 9830 t2_TrqLOA_DiffGainY_UIs_u1p15[3][0] 6554 t2_TrqLOA_DiffGainY_UIs_u1p15[3][1] 8192 t2_TrqLOA_DiffGainY_UIs_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_UIs_u1p15[3][3] 9830 t2_TrqLOA_DiffGainY_UIs_u1p15[3][3] 9830 t2_TrqLOA_DiffGainY_UIs_u1p15[3][3] 9830 t2_TrqLOA_DiffGainY_UIs_u1p15[4][1]	
k_TrqLOA_UndersteerGrad_RadpG_f32 0.25 k_TrqLOA_Wheelbase_M_f32 16.883234 12_TrqLOA_DiffGainY_Uls_u1p15[0][0] 6554 12_TrqLOA_DiffGainY_Uls_u1p15[0][2] 9503 12_TrqLOA_DiffGainY_Uls_u1p15[0][2] 9503 12_TrqLOA_DiffGainY_Uls_u1p15[1][0] 6554 12_TrqLOA_DiffGainY_Uls_u1p15[1][0] 6554 12_TrqLOA_DiffGainY_Uls_u1p15[1][1] 8192 12_TrqLOA_DiffGainY_Uls_u1p15[1][2] 9503 12_TrqLOA_DiffGainY_Uls_u1p15[1][3] 9830 12_TrqLOA_DiffGainY_Uls_u1p15[2][0] 6554 12_TrqLOA_DiffGainY_Uls_u1p15[2][0] 6554 12_TrqLOA_DiffGainY_Uls_u1p15[2][1] 8192 12_TrqLOA_DiffGainY_Uls_u1p15[2][2] 9503 12_TrqLOA_DiffGainY_Uls_u1p15[2][2] 9503 12_TrqLOA_DiffGainY_Uls_u1p15[2][2] 9503 12_TrqLOA_DiffGainY_Uls_u1p15[2][2] 9503 12_TrqLOA_DiffGainY_Uls_u1p15[3][1] 8192 12_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 12_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 12_TrqLOA_DiffGainY_Uls_u1p15[3][3] 9830 12_TrqLOA_DiffGainY_Uls_u1p15[4][0] 8554 12_TrqLOA_DiffGainY_Uls_u1p15[4][0]	
k_TrqLOA_Wheelbase_M_f32	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[0][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[0][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[1][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[1][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[1][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[1][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[2][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[2][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[2][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[2][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[2][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[2][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[3][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[3][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[3][0] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[3][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[3][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[3][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[0][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[1][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[1][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[1][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[1][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[2][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[2][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[2][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[2][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[2][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[2][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[3][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[3][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[3][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] 9830	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[1][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[1][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[1][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[2][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[2][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[2][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[2][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[2][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[2][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[2][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[3][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[3][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] 8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[1][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[1][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[2][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[2][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[2][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[2][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[2][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[3][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[3][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[1][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[2][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[2][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[2][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[2][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[3][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[3][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[4][2] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[2][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[2][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[2][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[3][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[4][2] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[2][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[2][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[2][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[3][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[3][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[4][2] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[2][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[2][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[3][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[3][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[4][2] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[2][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[3][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[3][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[4][2] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[3][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[3][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[4][2] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[3][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[4][2] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[4][2] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] 9503 t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] 9830 t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[4][2] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[4][2] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] 8192 t2_TrqLOA_DiffGainY_Uls_u1p15[4][2] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2] 9503	
t2_IrqLOA_DiftGainY_Uis_u1p15[4][3] 9830	
IO Tool OA DiffOring Life MANAGERIO	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0] 6554 t2_TrqLOA_DiffGainY_Uls_u1p15[5][1] 8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3] 9830	
t2_TrqLOA_DiffGainY_UIs_u1p15[6][0] 6554	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1] 8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3] 9830	
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0] 6554	
t2_TrqLOA_DiffGainY_UIs_u1p15[7][1] 8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2] 9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3] 9830 t_TrqLOA_DiffGainX_G_u2p14[0] 12288	
t_rqLOA_DiffGainX_G_u2p14[0] 12288 t_t_rqLOA_DiffGainX_G_u2p14[1] 13271	
t TrqLOA DiffGainX G u2p14[2] 14909	
t_TrqLOA_DiffGainX_G_u2p14[3] 19661	
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0] 11520	
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] 11840	
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] 12160	
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3] 12480	
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4] 12800	
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0] 9830	
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1] 13107	
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 16384 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] 19661	
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	
t_TrqLOA_latAccGain_Y_MtrNmpG_u4p12[0] 4096	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 4915	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 8192	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 9011	





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	8192		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	14336		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	18432		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18022		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	26624		
t_TrqLOA_X_Kph_u10p6[0]	24128		
t_TrqLOA_X_Kph_u10p6[1]	24192		
t_TrqLOA_X_Kph_u10p6[2]	24256		
t_TrqLOA_X_Kph_u10p6[3]	24320		
t_TrqLOA_X_Kph_u10p6[4]	24384		
t_TrqLOA_X_Kph_u10p6[5]	24448		
t_TrqLOA_X_Kph_u10p6[6]	24512		
t_TrqLOA_X_Kph_u10p6[7]	24576		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelA	uthority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpS	ecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail	I_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd	_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpee	dValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	d_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.72999084		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	8.90970612		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1081.84827		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	26.4038925		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	375.344025		
Name	Actual Value	Expected Value	Result
TrgLOA LatAccScaleFactor UIs M f32	0.832664609	0.832664669	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.00134866394	0.00134866405 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	
TrgLOA TloaCmd MtrNm M f32	0	0 ± 0.01	
TrqLOA TrqBasedScaleFactor Uls M f32	1.18257344	1.18257344 ± 0.01	
target TrqLOA Per1 TrqLOAAvail Cnt Igc.value	0	0	
target TrqLOA Per1 TrqLOACmd MtrNm f32.value	0	0 ± 0.01	

Name	Input Value	
Rte Inst Ap TrgLOA	target Rte Inst Ap TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.670000017	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.063500002	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	6.18846893	
TrqLOA_TloaCmd_MtrNm_M_f32	7.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.72223473	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	545.694092	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-45.7611389	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	40.9692307	
k_TrqLOA_FallingRampRate_UlspS_f32	-181.958633	
k_TrqLOA_LatAccConversionFactor_Uls_f32	5.12441492	
<_TrqLOA_LimOutput_MtrNm_f32	1.73804796	
<pre><_TrqLOA_MaxScaleFactor_Uls_f32</pre>	1	
c_TrqLOA_MinScaleFactor_Uls_f32	1.	
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.10569954	
<pre><_TrqLOA_RisingRampRate_UlspS_f32</pre>	884.589783	
_TrqLOA_SteerRatio_Uls_f32	75.4346848	
C_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	19.5902386	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158	

2015-06-23, 13:48:37+0530



Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124 12780
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158
t2 TrqLOA DiffGainY Uls u1p15[5][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_UIs_u1p15[7][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107
t_TrqLOA_DiffGainX_G_u2p14[0]	14090
t_TrqLOA_DiffGainX_G_u2p14[1]	15073
t_TrqLOA_DiffGainX_G_u2p14[2]	17039
t_TrqLOA_DiffGainX_G_u2p14[3]	22938
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	13120
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	13440
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	13760
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	14080
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4] t TrqLOA HighSpeedTrqBlend Y Uls u1p15[0]	14400 9830
t TrqLOA_HighSpeedTrqBlend Y Uls u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9011
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	15565
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	19251
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18432
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	22528
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24166
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	27853
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	27443
t_TrqLOA_X_Kph_u10p6[0]	24640
t_TrqLOA_X_Kph_u10p6[1]	24704
t_TrqLOA_X_Kph_u10p6[2]	24768
t_TrqLOA_X_Kph_u10p6[3]	24832
t_TrqLOA_X_Kph_u10p6[4]	24896
t_TrqLOA_X_Kph_u10p6[5]	24960
t_TrqLOA_X_Kph_u10p6[6]	25024
t_TrqLOA_X_Kph_u10p6[7]	25088
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc





Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_	_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_l	HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvai	il_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmo	d_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpee	edValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	ed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.979789495		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-5.07149601		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1365.74438		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-206.586578		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	79.989502		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.908477724	0.908477724	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.622706652	0.622706652 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.63608265	1.63608277 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	✓

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA LatAccScaleFactor Uls M f32	0.965166926	
TrqLOA LatAccelSV g M Str.SV Uls f32	0.330000013	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.064000003	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-3.01082706	
TrqLOA TloaCmd MtrNm M f32	8	
TrqLOA TrqBasedScaleFactor Uls M f32	1.17187524	
<pre><_TrqLOA_AbsAssistThreshold_MtrNm_f32</pre>	1.75459635	
TrgLOA AbsVelThreshold MtrRadpS f32	433.937439	
TrgLOA DiffScaleRateLimiterFalling UlspS f32	-54.2950287	
<pre><_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32</pre>	59,0309486	
k_TrqLOA_FallingRampRate_UlspS_f32	-253.557938	
k TrqLOA_r allingreampreaco_oispo_is2	1.79567754	
k TrgLOA_EarAccookiversion actor_ois_isz	7.68047094	
k_TrqLOA_EIIIIOdiput_MitNiII_i32	0.682921767	
<pre><_frqLOA_MinScaleFactor_Uls_f32</pre>	0.51321137	
k TrgLOA NomDrvTrg MtrNm f32	7.61406374	
k TrgLOA RisingRampRate UlspS f32	982.168213	
<pre><_frqLOA_SteerRatio_Uls_f32</pre>	58.4313583	
k TrgLOA_0tccrNatio_0is_isz	0.25	
TrqLOA_Undersicerorad_Nadpo_lo2 TrqLOA Wheelbase M f32	7.67427111	
12 TrqLOA_VIIIccibasc_W_IS2 12 TrqLOA DiffGainY Uls u1p15[0][0]	13763	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729	
12_TrqLOA_DiffGainY_Uls_u1p15[0][1]	17039	
12_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661	
12_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729	
2 TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039	
12_TIQLOA_DIRGAINT_OIS_UTP15[1][2] 12_TIQLOA_DIRGAINT_OIS_UTP15[1][3]	19661	
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729	
12_TrqLOA_DiliGainY_Uls_u1p15[2][1] 12_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039	
2_TrqLOA_DiliGainY_Uls_u1p15[2][2]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763	
	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	17039	
I2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]		
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	19661	
I2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729	
I2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763	

2015-06-23, 13:48:37+0530





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729		
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	17039		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	19661		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661		
t_TrqLOA_DiffGainX_G_u2p14[0]	15892		
t_TrqLOA_DiffGainX_G_u2p14[1]	16876		
t_TrqLOA_DiffGainX_G_u2p14[2]	19169		
t_TrqLOA_DiffGainX_G_u2p14[3]	26214		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	14720		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	15040		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	15360		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	15680		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	16000		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683 40960		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	41779		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875		
	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9830		
t TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	16794		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18842		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24986		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	29082		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	28262		
t_TrqLOA_X_Kph_u10p6[0]	64		
t_TrqLOA_X_Kph_u10p6[1]	128		
t_TrqLOA_X_Kph_u10p6[2]	192		
t_TrqLOA_X_Kph_u10p6[3]	256		
t_TrqLOA_X_Kph_u10p6[4]	320		
t_TrqLOA_X_Kph_u10p6[5]	384		
t_TrqLOA_X_Kph_u10p6[6]	448		
t_TrqLOA_X_Kph_u10p6[7]	512		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAi	uthority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSe	ecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid	I_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMto	gtnEn_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_M		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_H	lwDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_	_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_	_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeed	dValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed	d_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.311326146		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	0.34641546		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	954.816956		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-480.879883		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	496.52182		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.85657686	0.85657686	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.272681743	0.272681743 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.664759338	0.664759278 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•

0

0 ± 0.01

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value





Test Step 2.102 (Repeat Count = 1)	· ·
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.719573736
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.449999988
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0644999966
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	1.84906077
TrqLOA_TloaCmd_MtrNm_M_f32	-8
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.46470165
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	560.686218 -98.0630569
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32 k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	91.9077454
k TrqLOA FallingRampRate UlspS f32	-260.966858
k_TrqLOA_LatAccConversionFactor_Uls_f32	8.11684418
k TrgLOA LimOutput MtrNm f32	5.08614922
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	0.511231422
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.20072651
k_TrqLOA_RisingRampRate_UlspS_f32	102.115242
k_TrqLOA_SteerRatio_Uls_f32	5.74871397
k_TrqLOA_UndersteerGrad_RadpG_f32	0
k_TrqLOA_Wheelbase_M_f32	2.2757802
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367 19333
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2] t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214
t2_TrqLOA_DiffGainY_UIs_u1p15[3][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333 21299
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214
t2 TrqLOA DiffGainY Uls u1p15[4][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214
t2_TrqLOA_DiffGainY_UIs_u1p15[6][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333 21299
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2] t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214
t_TrqLOA_DiffGainX_G_u2p14[0]	17695
t_TrqLOA_DiffGainX_G_u2p14[1]	18678
t_TrqLOA_DiffGainX_G_u2p14[2]	21299
t_TrqLOA_DiffGainX_G_u2p14[3]	29491
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	16320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	16640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	16960
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	17280 17600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934





Name	Input Value			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	10650			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	18022			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	20890			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19251			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24166			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	25805			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	30310			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29082			
t_TrqLOA_X_Kph_u10p6[0]	576			
t_TrqLOA_X_Kph_u10p6[1]	640			
t_TrqLOA_X_Kph_u10p6[2]	704			
t_TrqLOA_X_Kph_u10p6[3]	768			
t_TrqLOA_X_Kph_u10p6[4]	832			
t_TrqLOA_X_Kph_u10p6[5]	896			
t_TrqLOA_X_Kph_u10p6[6]	960			
t_TrqLOA_X_Kph_u10p6[7]	1024			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32		target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32			
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_RelHwPos_HwDeg_f32		target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_TrqLOA.TrqLOA Per1_VehicleSpeed Kph f32	target_TrqLOA_Per1_VehicleSpeed			
target TrqLOA Per1 HandwheelAuthority Uls f32.value	target_TrqLOA_Per1_VehicleSpeed 0.948918343	I_Κβ11_132		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	8.35726833			
target TrqLOA Per1 LatAccelValid Cnt Igc.value	0.53725655			
target TrqLOA Per1 MotAgLoaMtgtnEn Cnt Igc.value	1			
target TrqLOA Per1 MtrVelCRF MtrRadpS f32.value	1339.45154			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-865.268372			
target TrqLOA Per1 VehicleSpeedValid Cnt Igc.value	0			
target TrqLOA Per1 VehicleSpeed Kph f32.value	111.518616			
Name	Actual Value	Expected Value	Result	
TrqLOA LatAccScaleFactor Uls M f32	0.529998779	0.529998779	Result	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	-6.86314344	-6.86314487 ± 0.01		
TrqLOA ScaledMtrTrqCmd MtrNm M f32	-1.12886703	-1.12886703 ± 0.01		
TrqLOA_TloaCmd_MtrNm_M_f32	-1.12886703	-1.12886703 ± 0.01		
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.47806621	1.47806633 ± 0.01		
target TrqLOA Per1 TrqLOAAvail Cnt Igc.value	0	0		
target TrgLOA Per1 TrgLOACmd MtrNm f32.value	-1.12886703	-1.12886703 ± 0.01		
angot_rigeon_rorr_rigeonomic_withvill_loz.value	1.12000100	-1.12000103 ± 0.01		

Name	Input Value	
Rte Inst Ap TrqLOA	target Rte Inst Ap TrgLOA	
TrqLOA LatAccScaleFactor Uls M f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.5	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0649999976	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	3.17089868	
TrqLOA_TloaCmd_MtrNm_M_f32	-7.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.714851201	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	7.47531605	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	493.191315	
<_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-93.2124023	
<_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	3.52900672	
<_TrqLOA_FallingRampRate_UlspS_f32	-885.932068	
<pre><_TrqLOA_LatAccConversionFactor_Uls_f32</pre>	7.64222908	
<_TrqLOA_LimOutput_MtrNm_f32	3.30777383	
<pre><_TrqLOA_MaxScaleFactor_Uls_f32</pre>	1	
C_TrqLOA_MinScaleFactor_Uls_f32	1	
C_TrqLOA_NomDrvTrq_MtrNm_f32	1.14297307	
<pre><_TrqLOA_RisingRampRate_UlspS_f32</pre>	687.914795	
C_TrqLOA_SteerRatio_Uls_f32	93.624527	
c_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	12.5041809	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655	

2015-06-23, 13:48:37+0530



Input Value
2458
4915
6226
655
2458
4915
6226
655
2458
4915
6226
655
2458
4915
6226
655
2458
4915
6226
655
2458
4915
6226
655
2458
4915
6226
655
2458
4915
6226
328 1229
2458
3113
14720
15040
15360
15680
16000 6554
9830
13107
16384
19661
4096
4915
8192
9011
12288
13107
16384
17203
11469
19251
21709
19661
24986
26624
31539
29901
1088
1152
1216
1280
1344
1408
1472
1472
1536
1536 target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
1536



TrqLOA_Per1

Name	Input Value			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRI	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos	_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAv	rail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACr	nd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSp	eedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSp	eed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.514535308			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-0.531552732	-0.531552732		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1098.22021			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	282.88974			
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	304.746979			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.813575208	0.813575208	✓	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.480332762	0.480332762 ± 0.01	✓	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01	✓	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	✓	

Test Step 2.104 (Repeat Count = 1)		
lame	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
rqLOA_LatAccScaleFactor_Uls_M_f32	0.622601509	
rqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.550000012	
rqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0654999986	
rqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-3.16161966	
rqLOA_TloaCmd_MtrNm_M_f32	-7	
rqLOA_TrqBasedScaleFactor_Uls_M_f32	2	
_TrqLOA_AbsAssistThreshold_MtrNm_f32	0.333182216	
_TrqLOA_AbsVelThreshold_MtrRadpS_f32	695.859253	
TrqLOA DiffScaleRateLimiterFalling UlspS f32	-37.716568	
TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	29.5977783	
TrqLOA_FallingRampRate_UlspS_f32	-135.023148	
TrqLOA LatAccConversionFactor Uls f32	7.41816854	
TrqLOA LimOutput MtrNm f32	7.3144207	
_TrqLOA_MaxScaleFactor_Uls_f32	0.72124815	
_TrqLOA_MinScaleFactor_Uls_f32	0.341758966	
TrgLOA NomDrvTrg MtrNm f32	3.29703116	
TrqLOA RisingRampRate UlspS f32	526.531982	
_TrqLOA_SteerRatio_Uls_f32	84.263443	
TrqLOA UndersteerGrad RadpG f32	0.150000006	
TrqLOA Wheelbase M f32	18.9389439	
2 TrqLOA_Wileelbase_W_i02 2 TrqLOA DiffGainY Uls u1p15[0][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192	
2_TrqLOA_DiliGainY_Uls_u1p15[0][1] 2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	9830	
2 TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554	
	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]		
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830	

 $\ensuremath{\texttt{©}}$ Report created by TESSY V3.2.5, report template V2.4

2015-06-23, 13:48:37+0530





News	Innut Value		
Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	6554		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830		
t_TrqLOA_DiffGainX_G_u2p14[0]	3277		
t_TrqLOA_DiffGainX_G_u2p14[1]	4096		
t_TrqLOA_DiffGainX_G_u2p14[2]	4751		
t_TrqLOA_DiffGainX_G_u2p14[3]	4915		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	16320		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	16640		
t TrqLOA HighSpeedTrqBlend X Kph u10p6[2]	16960		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	17280		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	17600		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[2]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	12288		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	22528		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	25805		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	27443		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	32768		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	30720		
t_TrqLOA_X_Kph_u10p6[0]	1600		
	1664		
t_TrqLOA_X_Kph_u10p6[1]			
t_TrqLOA_X_Kph_u10p6[2]	1728 1792		
t_TrqLOA_X_Kph_u10p6[3]			
t_TrqLOA_X_Kph_u10p6[4]	1856		
t_TrqLOA_X_Kph_u10p6[5]	1920		
t_TrqLOA_X_Kph_u10p6[6]	1984		
t_TrqLOA_X_Kph_u10p6[7]	2048		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuth	nority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSec	Sq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_0	Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtr	nEn_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_Mtr	rRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_Hwl	Deg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_C	Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_M	1trNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedV		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_I		
target TrgLOA Per1 HandwheelAuthority Uls f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	10		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-186.463074		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-270.124939		
	0		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	274.40564	 	
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.547168374	0.547168374	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.493835986	0.493835956 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.72995377	1.72995365 ± 0.01	✓
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
		1	

0

0 ± 0.01

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value





Test Step 2.105 (Repeat Count = 1)	· ·
Name	Input Value
Rte_Inst_Ap_TrqLOA	target Rte Inst Ap TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	1
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.600000024
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0659999996
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-1.47555137
TrqLOA_TloaCmd_MtrNm_M_f32	-6.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.0452389121
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	9.15295506
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	274.993073 -92.4099426
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32 k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	0
k_TrqLOA_FallingRampRate_UlspS_f32	-830.102417
k_TrqLOA_LatAccConversionFactor_Uls_f32	4.17782021
k_TrqLOA_LimOutput_MtrNm_f32	1.11741638
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	1.8299619
k_TrqLOA_RisingRampRate_UlspS_f32	914.820435
k_TrqLOA_SteerRatio_UIs_f32	18.2976189
k_TrqLOA_Whoolboos_M_f23	0.25 15.1185112
k_TrqLOA_Wheelbase_M_f32 t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	15.1185112
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780 13107
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3] t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[3][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[5][2] t2_TrqLOA_DiffGainY_UIs_u1p15[5][3]	12780 13107
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158
t2 TrqLOA DiffGainY Uls u1p15[6][1]	12124
t2 TrqLOA DiffGainY Uls u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107
t_TrqLOA_DiffGainX_G_u2p14[0]	5079
t_TrqLOA_DiffGainX_G_u2p14[1]	6062 6390
t_TrqLOA_DiffGainX_G_u2p14[2] t_TrqLOA_DiffGainX_G_u2p14[3]	6554
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	17920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	18240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	18560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	18880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	19200
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	36864 37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779
	1





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	13107		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	28262		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	33997		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	31539		
t_TrqLOA_X_Kph_u10p6[0]	2112		
t_TrqLOA_X_Kph_u10p6[1]	2176		
t_TrqLOA_X_Kph_u10p6[2]	2240		
t_TrqLOA_X_Kph_u10p6[3]	2304		
t_TrqLOA_X_Kph_u10p6[4]	2368		
t_TrqLOA_X_Kph_u10p6[5]	2432		
t_TrqLOA_X_Kph_u10p6[6]	2496		
t_TrqLOA_X_Kph_u10p6[7]	2560		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority	_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f	32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_	Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_	_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lo	gc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNn	n_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_	Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_	_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-5.20841312		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-972.272766		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	93.2276306		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	93.398407		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.815180123	0.815180123	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.572879255	0.572879195 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.077738896	0.0777388886 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	0.077738896	0.0777388886 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0.077738896	0.0777388886 ± 0.01	

Name	Input Value	
Rte Inst Ap TrqLOA	target Rte Inst Ap TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.461277246	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.649999976	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0665000007	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	7.03820419	
TrqLOA_TloaCmd_MtrNm_M_f32	-6	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.12805974	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.32602096	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	413.116211	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-17.5247154	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	100	
k_TrqLOA_FallingRampRate_UlspS_f32	-977.869324	
k_TrqLOA_LatAccConversionFactor_Uls_f32	8.60520649	
k_TrqLOA_LimOutput_MtrNm_f32	6.52711916	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.717261076	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	0.433354557	
k_TrqLOA_RisingRampRate_UlspS_f32	975.972412	
k_TrqLOA_SteerRatio_Uls_f32	92.0923157	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	9.59699059	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763	

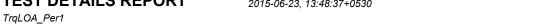
2015-06-23, 13:48:37+0530



Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729 17039
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2] t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
t2_TrqLOA_DiriGainY_Uls_u1p15[2][0]	13763
t2 TrqLOA DiffGainY Uls u1p15[3][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039
t2_TrqLOA_DiffGainY_UIs_u1p15[5][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
t2_TrqLOA_DiffGainY_UIs_u1p15[6][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	17039
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661
t_TrqLOA_DiffGainX_G_u2p14[0]	6881
t_TrqLOA_DiffGainX_G_u2p14[1]	7864
t_TrqLOA_DiffGainX_G_u2p14[2]	8520
t_TrqLOA_DiffGainX_G_u2p14[3]	9830
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	14720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	15040 15360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] t TrqLOA HighSpeedTrqBlend X Kph u10p6[3]	15680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	16000
t TrqLOA_rightSpeedTrqBlend Y Uls u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	13926
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	22938
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	24166
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20890
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	27443
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	29082
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	35226
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	32358
t_TrqLOA_X_Kph_u10p6[0]	2624
t_TrqLOA_X_Kph_u10p6[1]	2688
t_TrqLOA_X_Kph_u10p6[2]	2752
t_TrqLOA_X_Kph_u10p6[3]	2816
t_TrqLOA_X_Kph_u10p6[4]	2880
t_TrqLOA_X_Kph_u10p6[5]	2944
t_TrqLOA_X_Kph_u10p6[6]	3008
t_TrqLOA_X_Kph_u10p6[7]	3072
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target Dte Inst An Trai OA Trai OA Bort LotAce Maccacca f22	target Tral OA Peri LatAce MnSecSa f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc



Razorcat



Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f	32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgd		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm	_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_0	Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f	32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.312604427		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	8.27199745		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-712.291748		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	764.181824		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	396.513855		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.600006104	0.600006104	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.644139349	0.644139409 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	2.34314823	2.34314775 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	2.34314823	2.34314775 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.823885202	0.823885024 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	2.34314823	2.34314775 ± 0.01	~

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
FrgLOA LatAccScaleFactor UIs M f32	1	
FrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.10000001	
FrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0670000017	
FrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.0685558468	
FrqLOA_TloaCmd_MtrNm_M_f32	-5.5	
FrqLOA_TrqBasedScaleFactor_Uls_M_f32	2	
TrgLOA AbsAssistThreshold MtrNm f32	10	
TrgLOA AbsVelThreshold MtrRadpS f32	56.3604622	
TrgLOA DiffScaleRateLimiterFalling UlspS f32	-6.15822935	
TrgLOA DiffScaleRateLimiterRising UlspS f32	47.5	
TrgLOA FallingRampRate UlspS f32	-154.366959	
TrgLOA LatAccConversionFactor Uls f32	7.79777288	
C TrgLOA LimOutput MtrNm f32	7.17944431	
C_TrqLOA_MaxScaleFactor_Uls_f32	0.191684842	
C_TrqLOA_MinScaleFactor_Uls_f32	0.152980685	
C_TrqLOA_NomDrvTrq_MtrNm_f32	4.2541213	
C_TrqLOA_RisingRampRate_UlspS_f32	305.152161	
C_TrqLOA_SteerRatio_Uls_f32	61.7665825	
TrgLOA UndersteerGrad RadpG f32	0.25	
<pre>C_TrqLOA_Wheelbase_M_f32</pre>	9.20375919	
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333	
2 TrqLOA DiffGainY Uls u1p15[2][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367	

2015-06-23, 13:48:37+0530





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333		
t2 TrqLOA DiffGainY Uls u1p15[6][2]	21299		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	21299		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214		
t_TrqLOA_DiffGainX_G_u2p14[0]	8684		
t_TrqLOA_DiffGainX_G_u2p14[1]	9667		
t_TrqLOA_DiffGainX_G_u2p14[2]	10650		
t_TrqLOA_DiffGainX_G_u2p14[3]	13107		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	16320		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	16640		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	16960		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	17280		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	17600		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4096		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	8192		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	14336		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	15974		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	17613		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	22528		
t_TrqLOA_X_Kph_u10p6[0]	3136		
t_TrqLOA_X_Kph_u10p6[1]	3200		
t_TrqLOA_X_Kph_u10p6[2]	3264		
t_TrqLOA_X_Kph_u10p6[3]	3328		
t_TrqLOA_X_Kph_u10p6[4]	3392		
t_TrqLOA_X_Kph_u10p6[5]	3456		
t_TrqLOA_X_Kph_u10p6[6]	3520		
t_TrqLOA_X_Kph_u10p6[7]	3584		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAu	,	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSe		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaMtg		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_M	. –	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_Hv		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeed		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	target_TrqLOA_Per1_VehicleSpeed	_npii_i32	
0 = 1 = =			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-7.77647305 1		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMigthEn_Chi_igc.value target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1549.29675		
target_TrqLOA_Per1_Mit_VelCRF_Mit_RadpS_i32.value target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-153.528976		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	302.886261		
Name		Expected Value	Dagu!
	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.987683535	0.987683535	
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.0822378099	0.0822378024 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	Y
TrqLOA_TloaCmd_MtrNm_M_f32		0 ± 0.01	- J
TrqLOA_TrqBasedScaleFactor_UIs_M_f32	1.69126606	1.69126606 ± 0.01	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	V

0

0 ± 0.01

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value





Test Step 2.108 (Repeat Count = 1)	✓
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_UIs_M_f32	0.412190914
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.150000006
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0675000027
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-7.99985456
TrqLOA_TloaCmd_MtrNm_M_f32	-5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.57697034
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	8.35019302
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	891.224121
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32 k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	-47.6366577 9.32355785
k_TrqLOA_billingRampRate_UlspS_f32	-825.041382
k_TrqLOA_LatAccConversionFactor_Uls_f32	4.81464767
k TrqLOA LimOutput MtrNm f32	2.96566963
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	0.930546522
k_TrqLOA_NomDrvTrq_MtrNm_f32	7.98648643
k_TrqLOA_RisingRampRate_UlspS_f32	213.643356
k_TrqLOA_SteerRatio_Uls_f32	23.3187218
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	18.9755859
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2] t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	4915 6226
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	4915 6226
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915 6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3] t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	6226
t_TrqLOA_DiffGainX_G_u2p14[0]	0
t_TrqLOA_DiffGainX_G_u2p14[1]	0
t_TrqLOA_DiffGainX_G_u2p14[2]	0
t_TrqLOA_DiffGainX_G_u2p14[3]	0
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	17920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	18240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	18560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	18880 19200
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_UIs_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395





Name	Input Value			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4915			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	9421			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15155			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16384			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	18432			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20070			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	21709			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	23347			
t_TrqLOA_X_Kph_u10p6[0]	3648			
t_TrqLOA_X_Kph_u10p6[1]	3712			
t_TrqLOA_X_Kph_u10p6[2]	3776			
t_TrqLOA_X_Kph_u10p6[3]	3840			
t_TrqLOA_X_Kph_u10p6[4]	3904			
t_TrqLOA_X_Kph_u10p6[5]	3968			
t_TrqLOA_X_Kph_u10p6[6]	4032			
t_TrqLOA_X_Kph_u10p6[7]	4096			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwheel.	Authority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp	SecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target TrqLOA Per1 LatAccelValid Cnt Igc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpe	edValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe	ed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-2.62184381			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1			
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-606.626343			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	189.585571			
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	408.612793			
Name	Actual Value	Expected Value	Result	
TrqLOA LatAccScaleFactor Uls M f32	0.316917598	0.316917598		
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.176094562	0.176094562 ± 0.01		
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01		
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01		
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.14968359	-1.14968359 ± 0.01		
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0		
target TrqLOA Per1 TrqLOACmd MtrNm f32.value	0	0 ± 0.01		

Name	Input Value	
Rte Inst Ap TrqLOA	target Rte Inst Ap TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.200000003	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0680000037	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	4.32494402	
TrqLOA_TloaCmd_MtrNm_M_f32	-4.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.36366594	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	2.8292191	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	281.531555	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-84.126976	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	9.6188488	
k_TrqLOA_FallingRampRate_UlspS_f32	-20.8287029	
k_TrqLOA_LatAccConversionFactor_Uls_f32	10	
k_TrqLOA_LimOutput_MtrNm_f32	4.61489105	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.107685447	
k_TrqLOA_MinScaleFactor_Uls_f32	0.799875379	
k_TrqLOA_NomDrvTrq_MtrNm_f32	6.94289446	
k_TrqLOA_RisingRampRate_UlspS_f32	481.265869	
k_TrqLOA_SteerRatio_Uls_f32	95.6874542	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.216242597	
k_TrqLOA_Wheelbase_M_f32	8.72745705	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192
t2 TrqLOA DiffGainY Uls u1p15[0][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830 6554
t2_TrqLOA_DiffGainY_UIs_u1p15[4][0]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503
t2_TrqLOA_DiliGainY_Uls_u1p15[4][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	6554
t2 TrqLOA DiffGainY Uls u1p15[5][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830
t2 TrqLOA DiffGainY Uls u1p15[6][0]	6554
t2_TrqLOA_DiffGainY_UIs_u1p15[6][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	9830
t_TrqLOA_DiffGainX_G_u2p14[0]	32768
t_TrqLOA_DiffGainX_G_u2p14[1]	32768
t_TrqLOA_DiffGainX_G_u2p14[2]	32768
t_TrqLOA_DiffGainX_G_u2p14[3]	32768
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	14720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	15040
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	15360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	15680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	16000
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107 16384
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	5734
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	10650
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15974
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16794
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	19251
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20890
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	22938
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24166
t_TrqLOA_X_Kph_u10p6[0]	4160
t_TrqLOA_X_Kph_u10p6[1]	4224
t_TrqLOA_X_Kph_u10p6[2]	4288
t_TrqLOA_X_Kph_u10p6[3]	4352
t_TrqLOA_X_Kph_u10p6[4]	4416
t_TrqLOA_X_Kph_u10p6[5]	4480
t_TrqLOA_X_Kph_u10p6[6]	4544
t_TrqLOA_X_Kph_u10p6[7]	4608
	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	torret Trai OA Part LatAca Massass (22
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value





Name	Input Value			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAva	ail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACm	nd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpe	eedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe	eed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-0.675880969	-0.675880969		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1273.69678			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-238.016922	-238.016922		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	456.901947			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.831746042	0.831746042	~	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.173075408	0.173075408 ± 0.01	~	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.401134133	-0.401134163 ± 0.01	~	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓	

0

0 ± 0.01

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA LatAccScaleFactor Uls M f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.25	
TrqLOA LatAccelSV g M Str.K Uls f32	0.0684999973	
TrqLOA ScaledMtrTrqCmd MtrNm M f32	1.82934463	
TrqLOA_TloaCmd_MtrNm_M_f32	-4	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.16281998	
<pre><_TrqLOA_AbsAssistThreshold_MtrNm_f32</pre>	4.86534548	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	867.851563	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-53.6917267	
TrgLOA DiffScaleRateLimiterRising UlspS f32	16.691412	
k TrqLOA FallingRampRate UlspS f32	-374.097443	
k TrgLOA LatAccConversionFactor Uls f32	9.38450527	
k_TrqLOA_LimOutput_MtrNm_f32	7.53103209	
k_TrqLOA_LiniOdiput_Mithin_i32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.40066051	
k_TrqLOA_RisingRampRate_UlspS_f32	637.547485	
<pre><_frqLOA_steerRatio_Uls_f32</pre>	1.25581121	
k TrqLOA_Gleen\alio_Gls_i32	0.25	
TrqLOA_UndersteerGrad_NaupG_I32 TrqLOA Wheelbase M f32	11.7385378	
2 TrqLOA_Wifeeibase_M_132 2 TrqLOA DiffGainY Uls u1p15[0][0]	10158	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0] t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1] t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780	
	13107	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3] t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158	
	12124	
12_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]		
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158	
2_TrqLOA_DiffGainY_UIs_u1p15[2][1]	12124	
2_TrqLOA_DiffGainY_UIs_u1p15[2][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124	
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158	

© Report created by TESSY V3.2.5, report template V2.4

2015-06-23, 13:48:37+0530





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107		
t_TrqLOA_DiffGainX_G_u2p14[0]	14090		
t_TrqLOA_DiffGainX_G_u2p14[1]	15073		
t_TrqLOA_DiffGainX_G_u2p14[2]	17039		
t_TrqLOA_DiffGainX_G_u2p14[3]	22938		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	16320		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	16640		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	16960		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	17280 17600		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_UIs_u1p15[1]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_highSpeed11qbierid_1_ois_u1p15[4] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248		
t TrqLOA_LatAccGain_Y MtrNmpG_u4p12[1]	54067		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115		
t TrqLOA_EarAccGain Y MtrNmpG u4p12[3]	56934		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211		
t TrqLOA LatAccGain Y MtrNmpG u4p12[6]	60621		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	6554		
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[1]	11878		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	16794		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24986		
t_TrqLOA_X_Kph_u10p6[0]	4672		
t_TrqLOA_X_Kph_u10p6[1]	4736		
t_TrqLOA_X_Kph_u10p6[2]	4800		
t_TrqLOA_X_Kph_u10p6[3]	4864		
t_TrqLOA_X_Kph_u10p6[4]	4928		
t_TrqLOA_X_Kph_u10p6[5]	4992		
t_TrqLOA_X_Kph_u10p6[6]	5056		
t_TrqLOA_X_Kph_u10p6[7]	5120		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwhee		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelVa		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoal		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_RelHwPos_ target_TrqLOA_Per1_TrqLOAAva		
target Rte Inst Ap TrqLOA.TrqLOA Per1 TrqLOACmd MtrNm f32	target TrqLOA Per1 TrqLOACm		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_intrivin_isz target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpe		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe		
target TrgLOA Per1 HandwheelAuthority Uls f32.value	0.780942917	.σσ_πρι1_ισ <u>ε</u>	
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	2.94417739		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1876.9718		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-885.495422		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	207.628235		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_UIs_M_f32	0.89261651	0.89261657	- Itoban
TrqLOA LatAccelSV g M Str.SV UIs f32	-2.72905231	-2.72905231 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.122276023	-0.122275971 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	-0.122276023	-0.122275971 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.112275004	0.112274952 ± 0.01	-
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•

-0.122276023

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value

-0.122275971 ± 0.01





Test Step 2.111 (Repeat Count = 1)	Innut Value
Name Rto Jost An Tred CA	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAcceScaleFactor_Uls_M_f32	1 0.30000012
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32 TrqLOA_LatAccelSV_g_M_Str.K_UIs_f32	0.0689999983
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	2.36725426
TrqLOA_Scaledwit TrqCritq_MitrNin_M_I32 TrqLOA_TloaCmd_MtrNm_M_f32	-3.5
TrqLOA_TrgBasedScaleFactor_Uls_M_f32	1.64986455
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	5.89984941
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	522.351868
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-40.4528542
k TrqLOA DiffScaleRateLimiterRising UlspS f32	41.0359154
k TrgLOA FallingRampRate UlspS f32	-800.21167
k_TrqLOA_LatAccConversionFactor_Uls_f32	5.93089724
k_TrqLOA_LimOutput_MtrNm_f32	1.52869093
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	0.0462440252
k_TrqLOA_NomDrvTrq_MtrNm_f32	1.08389223
k_TrqLOA_RisingRampRate_UlspS_f32	481.94281
k_TrqLOA_SteerRatio_Uls_f32	35.2770653
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	17.9989662
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
t2_TrqLOA_DiffGainY_UIs_u1p15[3][0]	13763
t2_TrqLOA_DiffGainY_UIs_u1p15[3][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	19661 13763
	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	17039
t2_rrqLOA_biifGainY_bis_u1p15[4][2] t2_rrqLOA_biffGainY_Uls_u1p15[4][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729
t2 TrgLOA DiffGainY Uls u1p15[6][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	19661
t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661
t_TrqLOA_DiffGainX_G_u2p14[0]	15892
t_TrqLOA_DiffGainX_G_u2p14[1]	16876
t_TrqLOA_DiffGainX_G_u2p14[2]	19169
t_TrqLOA_DiffGainX_G_u2p14[3]	26214
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	17920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	18240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	18560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	18880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	19200
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	7373		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	13107		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	17613		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17613		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	22528		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	25395		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	25805		
t_TrqLOA_X_Kph_u10p6[0]	5184		
t_TrqLOA_X_Kph_u10p6[1]	5248		
t_TrqLOA_X_Kph_u10p6[2]	5312		
t_TrqLOA_X_Kph_u10p6[3]	5376		
t_TrqLOA_X_Kph_u10p6[4]	5440		
t_TrqLOA_X_Kph_u10p6[5]	5504		
t_TrqLOA_X_Kph_u10p6[6]	5568		
t_TrqLOA_X_Kph_u10p6[7]	5632		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.214750648		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	9.64766216		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1729.78186		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-781.014587		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	340.668121		
Name	Actual Value Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.919094265 0.919094265	•	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.18044731 0.18044728 ± 0.01		
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.134502068 -0.134502113 ± 0.01	•	
TrqLOA_TloaCmd_MtrNm_M_f32	-0.134502068 -0.134502113 ± 0.01		
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.0494410992 0.0494411029 ± 0.01	•	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0		
target TrqLOA Per1 TrqLOACmd MtrNm f32.value	-0.134502068 -0.134502113 ± 0.01		

Name	Input Value	
Rte Inst Ap TrqLOA	target Rte Inst Ap TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.349999994	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0694999993	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-7.46230745	
TrqLOA_TloaCmd_MtrNm_M_f32	-3	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.153644562	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	2.6801877	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	258.90741	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-97.1158218	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	27.0033207	
k_TrqLOA_FallingRampRate_UlspS_f32	-131.670029	
<pre><_TrqLOA_LatAccConversionFactor_Uls_f32</pre>	0.827212989	
<_TrqLOA_LimOutput_MtrNm_f32	0.884970009	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.665714741	
<pre><_TrqLOA_MinScaleFactor_Uls_f32</pre>	0.460229158	
<_TrqLOA_NomDrvTrq_MtrNm_f32	6.75210524	
C_TrqLOA_RisingRampRate_UlspS_f32	446.973755	
C_TrqLOA_SteerRatio_Uls_f32	24.7843513	
C_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	13.5554199	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	32768	

2015-06-23, 13:48:37+0530



Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333 21299
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2] t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[3][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[4][2]	21299
t2_TrqLOA_DiffGainY_UIs_u1p15[4][3]	26214
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	17367 19333
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1] t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333
t2 TrqLOA DiffGainY UIs u1p15[6][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214
t_TrqLOA_DiffGainX_G_u2p14[0]	17695
t_TrqLOA_DiffGainX_G_u2p14[1]	18678
t_TrqLOA_DiffGainX_G_u2p14[2]	21299
t_TrqLOA_DiffGainX_G_u2p14[3]	29491 14720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	15040
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	15360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	15680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	16000
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672 29491
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	8192
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	14336
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	18432
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18022
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	21709
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	23347
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	26624
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	26624
t_TrqLOA_X_Kph_u10p6[0]	5696
t_TrqLOA_X_Kph_u10p6[1]	5760
t_TrqLOA_X_Kph_u10p6[2]	5824
t_TrqLOA_X_Kph_u10p6[3]	5888 5952
t_TrqLOA_X_Kph_u10p6[4] t_TrqLOA_X_Kph_u10p6[5]	6016
t_TrqLOA_X_Kph_u10p6[6]	6080
t_TrqLOA_X_Kph_u10p6[7]	6144
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_Igc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc



Name	Input Value			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAva	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACm	d_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpe	edValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe	ed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	9.0337286	9.0337286		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0			
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	13.3415737			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-708.155701			
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	473.892212			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.805768371	0.805768371	✓	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.19116807	0.19116807 ± 0.01	✓	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-1.44628334	-1.44628322 ± 0.01	✓	
TrqLOA_TloaCmd_MtrNm_M_f32	-0.884970009	-0.884970009 ± 0.01	✓	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.460229158	0.460229158 ± 0.01	✓	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	1	1	✓	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	-0.884970009	-0.884970009 ± 0.01	✓	

lame	Input Value	
tte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
rqLOA LatAccScaleFactor Uls M f32	1	
rqLOA LatAccelSV g M Str.SV Uls f32	0.400000006	
rqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0700000003	
rqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	3.66137505	
rqLOA_Scaledivid HqCHd_withHin_w_32	-2.5	
rqLOA_rioacrid_withtin_w_is2	2	
_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.75012302	
TrqLOA AbsVelThreshold MtrRadpS f32	131.759247	
	-59.3503685	
_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	12.0358582	
_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32		
_TrqLOA_FallingRampRate_UlspS_f32	-120.204285	
_TrqLOA_LatAccConversionFactor_Uls_f32	10	
_TrqLOA_LimOutput_MtrNm_f32	1.80586672	
_TrqLOA_MaxScaleFactor_Uls_f32	1	
_TrqLOA_MinScaleFactor_Uls_f32	1	
_TrqLOA_NomDrvTrq_MtrNm_f32	6.13124275	
_TrqLOA_RisingRampRate_UlspS_f32	743.417419	
_TrqLOA_SteerRatio_Uls_f32	50.2993546	
_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
_TrqLOA_Wheelbase_M_f32	8.21659184	
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458	
2 TrqLOA DiffGainY Uls u1p15[4][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	4915	
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226	

2015-06-23, 13:48:37+0530

TrqLOA_Per1



Name	
t2_TrqLOA_DiffGainY_Uls_utp15[6][3] 6526 t2_TrqLOA_DiffGainY_Uls_utp15[7][0] 655 t2_TrqLOA_DiffGainY_Uls_utp15[7][2] 4915 t2_TrqLOA_DiffGainY_Uls_utp15[7][2] 4915 t2_TrqLOA_DiffGainY_Uls_utp15[7][3] 6226 t2_TrqLOA_DiffGainY_Uls_utp15[7][3] 6226 t2_TrqLOA_DiffGainY_Uls_utp15[7][3] 6226 t2_TrqLOA_DiffGainY_G_u2p14[0] 328 t1rqLOA_DiffGainX_G_u2p14[1] 1229 t1rqLOA_DiffGainX_G_u2p14[2] 2458 t1rqLOA_DiffGainX_G_u2p14[2] 4258 t1rqLOA_DiffGainX_G_u2p14[2] 4268 t1rqLOA_DiffGainX_G_u2p14[2] 4269 t1rqLOA_DiffGainX_G_u2p14[2] 4269 t1rqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0] 16830 t1rqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] 16840 t1rqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] 17280 t1rqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4] 17600 t1rqLOA_HighSpeedTrqBlend_X_Vlsh_u1p15[0] 4554 t1rqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0] 4554 t1rqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 t1rqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 t1rqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 t1rqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 t1rqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 t1rqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13684 t1rqLOA_LatAccGain_Y_MfmmpG_u4p12[0] 38684 t1rqLOA_LatAccGain_Y_MfmmpG_u4p12[0] 38684 t1rqLOA_LatAccGain_Y_MfmmpG_u4p12[0] 38684 t1rqLOA_LatAccGain_Y_MfmmpG_u4p12[0] 45676 t1rqLOA_TempTrqCmdSatYTb_Mfmm_u4p12[0] 45676 t1rqLOA_TempTrqCmdSatYTb_Mfmm_u4p12[0] 45676 t1rqLOA_TempTrqCmdSatYTb_Mfmm_u4p12[0] 42676 t1rqLOA_TempTrqCmdSatYTb_Mfmm_u4p12[0] 42676	
12. TrqLOA_DiffGainY_Uls_u1p15[7][1] 2458 12. TrqLOA_DiffGainY_Uls_u1p15[7][2] 4915 12. TrqLOA_DiffGainY_Uls_u1p15[7][3] 6226 12. TrqLOA_DiffGainX_G_u2p14[0] 328 12. TrqLOA_DiffGainX_G_u2p14[1] 1229 12. TrqLOA_DiffGainX_G_u2p14[1] 1229 12. TrqLOA_DiffGainX_G_u2p14[3] 2458 12. TrqLOA_DiffGainX_G_u2p14[3] 3113 12. TrqLOA_DiffGainX_G_u2p14[3] 3113 12. TrqLOA_DiffGainX_G_u2p14[3] 3113 12. TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0] 16320 12. TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] 16640 12. TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] 16960 12. TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4] 17200 12. TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4] 17200 12. TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0] 6554 12. TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0] 13107 12. TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 12. TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 12. TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 12. TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 12. TrqLOA_LishCoGain_Y_MithMpG_u4p12[1] 37683 12. TrqLOA_LashCoGain_Y_MithMpG_u4p12[1] 37683 12. TrqLOA_LashCoGain_Y_MithMpG_u4p12[1] 37683 12. TrqLOA_LashCoGain_Y_MithMpG_u4p12[3] 41779 12. TrqLOA_LashCoGain_Y_MithMpG_u4p12[4] 45066 12. TrqLOA_LashCoGain_Y_MithMpG_u4p12[4] 45066 12. TrqLOA_LashCoGain_Y_MithMpG_u4p12[6] 49152 12. TrqLOA_TempTrqCmdSatYTb_MithM_u4p12[6] 49166 12. TrqLOA_TempTrqCmdSatYTb_MithM_u4p12[6] 49166 12. TrqLOA_TempTrqCmdSatYTb_MithM_u4p12[6] 49166 12. TrqLOA_TempTrqCmdSatYTb_MithM_u4p12[6] 49166	
tZ_TrqLOA_DiffGainY_Uls_ulp15[7][3] 6226 L_TrqLOA_DiffGainX_G_u2p14[0] 328 L_TrqLOA_DiffGainX_G_u2p14[1] 1229 L_TrqLOA_DiffGainX_G_u2p14[2] 2458 L_TrqLOA_DiffGainX_G_u2p14[3] 3113 L_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0] 16320 L_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] 16640 L_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] 18980 L_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3] 17280 L_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4] 17600 L_TrqLOA_HighSpeedTrqBlend_X_Uls_u1p15[0] 6554 L_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0] 6554 L_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] 13107 L_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] 16384 L_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] 16384 L_TrqLOA_LalAccGain_Y_MtrNmpG_u4p12[1] 37683 L_TrqLOA_LalAccGain_Y_MtrNmpG_u4p12[1] 37683 L_TrqLOA_LalAccGain_Y_MtrNmpG_u4p12[1] 37683 L_TrqLOA_LalAccGain_Y_MtrNmpG_u4p12[3] 41779 L_TrqLOA_LalAccGain_Y_MtrNmpG_u4p12[4] 45056 L_TrqLOA_LalAccGain_Y_MtrNmpG_u4p12[6] 49152 L_TrqLOA_LalAccGain_Y_MtrNm_u4p12[6] 49152<	
TrqLOA_DiffGainX_G_u2p14[1] 1229 TrqLOA_DiffGainX_G_u2p14[2] 2458 TrqLOA_DiffGainX_G_u2p14[3] 3113 TrqLOA_DiffGainX_G_u2p14[3] 3113 TrqLOA_HighSpeedTrqBiend_X_Kph_u10p6[0] 16320 TrqLOA_HighSpeedTrqBiend_X_Kph_u10p6[1] 16640 TrqLOA_HighSpeedTrqBiend_X_Kph_u10p6[3] 17280 TrqLOA_HighSpeedTrqBiend_X_Lph_u10p6[4] 17600 TrqLOA_HighSpeedTrqBiend_X_Lph_u10p6[4] 17600 TrqLOA_HighSpeedTrqBiend_X_UIs_u1p15[0] 6554 TrqLOA_HighSpeedTrqBiend_Y_UIs_u1p15[1] 9830 TrqLOA_HighSpeedTrqBiend_Y_UIs_u1p15[3] 13107 TrqLOA_HighSpeedTrqBiend_Y_UIs_u1p15[3] 16384 TrqLOA_HighSpeedTrqBiend_Y_UIs_u1p15[3] 16384 TrqLOA_HighSpeedTrqBiend_Y_UIs_u1p15[3] 16384 TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] 36864 TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 37683 TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 40960 TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 45056 TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 49152 TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[6] 49152 TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[6] 49152 TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[1] 15565 TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[3] 18432 TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[4] 22528 TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[6] 24166 TrqLOA	
LTrqLOA_DiffGainX_G_uzp14[1] 1229 LTrqLOA_DiffGainX_G_uzp14[2] 2458 LTrqLOA_DiffGainX_G_uzp14[3] 3113 LTrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0] 16320 LTrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] 16640 LTrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] 16960 LTrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3] 17280 LTrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4] 17600 LTrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4] 17600 LTrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0] 6554 LTrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1] 9830 LTrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 LTrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] 16384 LTrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 LTrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 LTrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 LTrqLOA_LatAccGain_Y_MtnmpG_u4p12[0] 36864 LTrqLOA_LatAccGain_Y_MtnmpG_u4p12[1] 37683 LTrqLOA_LatAccGain_Y_MtnmpG_u4p12[2] 40960 LTrqLOA_LatAccGain_Y_MtnmpG_u4p12[3] 41779 LTrqLOA_LatAccGain_Y_MtnmpG_u4p12[4] 45056 LTrqLOA_LatAccGain_Y_MtnmpG_u4p12[6] 49152 LTrqLOA_LatAccGain_Y_MtnmpG_u4p12[6] 49152 LTrqLOA_LatAccGain_Y_MtnmpG_u4p12[6] 49152 LTrqLOA_LatAccGain_Y_MtnmpG_u4p12[7] 49971 LTrqLOA_LatAccGain_Y_MtnmpG_u4p12[6] 49152 LTrqLOA_LatAccGain_Y_MtnmpG_u4p12[7] 49971 LTrqLOA_TempTrqCmdSatYTb_Mtnm_u4p12[0] 9011 LTrqLOA_TempTrqCmdSatYTb_Mtnm_u4p12[0] 19561 LTrqLOA_TempTrqCmdSatYTb_Mtnm_u4p12[1] 15565 LTrqLOA_TempTrqCmdSatYTb_Mtnm_u4p12[1] 15565 LTrqLOA_TempTrqCmdSatYTb_Mtnm_u4p12[2] 19251 LTrqLOA_TempTrqCmdSatYTb_Mtnm_u4p12[3] 18432 LTrqLOA_TempTrqCmdSatYTb_Mtnm_u4p12[4] 22528 LTrqLOA_TempTrqCmdSatYTb_Mtnm_u4p12[4] 22528 LTrqLOA_TempTrqCmdSatYTb_Mtnm_u4p12[6] 27853	
CTrqLOA_DiffGainX_G_u2p14[2]	
LTrqLOA_DiffGainX_G_u2p14[3] 3113 LTrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0] 16320 LTrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] 16640 LTrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] 16960 LTrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3] 17280 LTrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4] 17600 LTrqLOA_HighSpeedTrqBlend_Y_UIs_u1p15[0] 6554 LTrqLOA_HighSpeedTrqBlend_Y_UIs_u1p15[2] 13107 LTrqLOA_HighSpeedTrqBlend_Y_UIs_u1p15[2] 13107 LTrqLOA_HighSpeedTrqBlend_Y_UIs_u1p15[3] 16384 LTrqLOA_HighSpeedTrqBlend_Y_UIs_u1p15[4] 19661 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] 38864 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 37683 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 45056 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 45875 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 49912 LTrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[0] 9011 LTrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[3] 18432 LTrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[4] 22528 LTrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[4	
LTrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0] 16320 LTrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] 16640 LTrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] 16960 LTrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3] 17280 LTrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4] 17600 LTrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0] 6554 LTrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1] 9830 LTrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 LTrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] 16384 LTrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] 36864 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 37683 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 40960 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 45056 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 45875 LTrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 49152 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9011 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 2258 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 22528 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 LTrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] 16640 t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] 16960 t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3] 17280 t_TrqLOA_HighSpeedTrqBlend_X_Lbn_u10p6[4] 17600 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0] 6554 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1] 9830 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] 16384 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] 36864 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 37683 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 40960 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 45056 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 45875 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 49971 t_TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[0] 9011 t_TrqLOA_TempTrqCmdSatYD_MtrNm_u4p12[2] 19251 t_TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[2] 19251 t_TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[6] 27853	
L_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] 16960 L_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3] 17280 L_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4] 17600 L_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0] 6554 L_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1] 9830 L_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 L_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] 16384 L_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 L_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 L_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] 36884 L_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 37683 L_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 40960 L_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 L_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 45056 L_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 45875 L_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 49152 L_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 49971 L_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 15565 L_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 L_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 L_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 L	
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3] 17280 t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4] 17600 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0] 6554 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1] 9830 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] 16384 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] 36864 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 37683 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 40960 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 45056 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 45875 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 49152 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 49971 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9011 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] 19251 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4] 17600 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0] 6554 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1] 9830 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] 16384 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 t_TrqLOA_LidhAccGain_Y_MtrNmpG_u4p12[0] 36864 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 37683 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 40960 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 45056 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 45875 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 49152 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 49971 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9011 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 15565 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 22528 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_HighSpeedTrqBlend_Y_UIs_u1p15[0] 6554 t_TrqLOA_HighSpeedTrqBlend_Y_UIs_u1p15[1] 9830 t_TrqLOA_HighSpeedTrqBlend_Y_UIs_u1p15[2] 13107 t_TrqLOA_HighSpeedTrqBlend_Y_UIs_u1p15[3] 16384 t_TrqLOA_HighSpeedTrqBlend_Y_UIs_u1p15[4] 19661 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] 36864 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 37683 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 40960 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 45056 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 45875 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 49152 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 49971 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9011 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 15565 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 22528 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1] 9830 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] 16384 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] 36864 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 37683 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 40960 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 45056 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 45875 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 49152 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 49971 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9011 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 15565 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 19251 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 22528 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] 13107 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] 16384 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] 36864 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 37683 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 40960 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 45056 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 45875 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 49152 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 49971 t_TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[0] 9011 t_TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[1] 15565 t_TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[2] 19251 t_TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[4] 22528 t_TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTb_MtrNm_u4p12[6] 27853	
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] 16384 t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] 36864 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 37683 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 40960 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 45056 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 45875 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 49152 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 49971 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9011 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 15565 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] 19251 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 22528 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4] 19661 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] 36864 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 37683 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 40960 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 45056 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 45875 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 49152 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 49971 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9011 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 15565 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] 19251 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 22528 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] 36864 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 37683 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 40960 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 45056 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 45875 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 49152 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 49971 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9011 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 15565 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] 19251 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 22528 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] 36864 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 37683 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 40960 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 45056 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 45875 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 49152 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 49971 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9011 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 15565 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] 19251 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 22528 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] 37683 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 40960 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 45056 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 45875 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 49152 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 49971 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9011 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 15565 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] 19251 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 22528 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] 40960 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 45056 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 45875 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 49152 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 49971 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9011 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 15565 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] 19251 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 22528 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3] 41779 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] 45056 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 45875 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 49152 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 49971 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9011 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 15565 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] 19251 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 22528 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5] 45875 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 49152 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 49971 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9011 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 15565 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] 19251 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 22528 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] 49152 t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] 49971 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9011 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 15565 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] 19251 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 22528 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] 9011 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 15565 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] 19251 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 22528 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] 15565 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] 19251 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 22528 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] 19251 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 22528 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3] 18432 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 22528 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4] 22528 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] 24166 t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] 27853	
t Tral OA TompTraCmdSatVThI MtrNim u4p12[7]	
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] 27443	
t_TrqLOA_X_Kph_u10p6[0] 6208	
t_TrqLOA_X_Kph_u10p6[1] 6272	
t_TrqLOA_X_Kph_u10p6[2] 6336	
t_TrqLOA_X_Kph_u10p6[3] 6400	
t_TrqLOA_X_Kph_u10p6[4] 6464	
t TrgLOA X Kph u10p6[5] 6528	
t_TrqLOA_X_Kph_u10p6[6] 6592	
t_TrqLOA_X_Kph_u10p6[7] 6656	
target_Rte_Inst_Ap_TrqLOA_Per1_HandwheelAuthority_Uls_f32 target_TrqLOA_Per1_HandwheelAuthority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32	
target_Rte_Inst_Ap_TrqLOA_Per1_LatAccelValid_Cnt_Igc target_TrqLOA_Per1_LatAccelValid_Cnt_Igc target_TrqLOA_Per1_LatAccelValid_Cnt_Igc target_TrqLOA_Per1_LatAccelValid_Cnt_Igc	
target_Rte_Inst_Ap_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	
target_Rte_Inst_Ap_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA_Per1_RelHwPos_HwDeg_f32 target_TrqLOA_Per1_RelHwPos_HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc target_TrqLOAAvail_Cnt_Igc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32 target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32 target_TrqLOA_Per1_VehicleSpeed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value 0.919281602	
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value 8.82346725	
target_TrqLOA_Per1_LatAccelValid_Cnt_Igc.value 0	
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value 0	
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value -1616.61987	
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value -709.949158	
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value 0	
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value 365.18869	
Name Actual Value Expected Value	Result
•	. Count
TrqLOA_LatAccScaleFactor_Uls_M_f32	_
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	~
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32 -2.92161059 -2.9216107 ± 0.01	1
TrqLOA_TloaCmd_MtrNm_M_f32 -1.80586672 -1.80586672 + 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value 0 0	→
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value -1.80586672 -1.8058672	•





Test Step 2.114 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.0884144306
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.449999988
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0705000013
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	5.62283564
TrqLOA_TloaCmd_MtrNm_M_f32	-2
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	9.11996746
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	700.585754
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32 k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	-34.7888794 70.3214874
k_TrqLOA_FallingRampRate_UlspS_f32	-762.936279
k_TrqLOA_LatAccConversionFactor_Uls_f32	5.28748608
k TrqLOA LimOutput MtrNm f32	6.36147499
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	0.498461246
k_TrqLOA_NomDrvTrq_MtrNm_f32	7.23000097
k_TrqLOA_RisingRampRate_UlspS_f32	217.914246
k_TrqLOA_SteerRatio_Uls_f32	85.3937531
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	7.21021843
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1] t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	8192 9503
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	0
t2 TrqLOA DiffGainY Uls u1p15[1][1]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192 9503
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[4][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503
t2_TrqLOA_DiffGainY_UIs_u1p15[5][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1] t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	8192 9503
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830
t_TrqLOA_DiffGainX_G_u2p14[0]	3277
t_TrqLOA_DiffGainX_G_u2p14[1]	4096
t_TrqLOA_DiffGainX_G_u2p14[2]	4751
t_TrqLOA_DiffGainX_G_u2p14[3]	4915
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	17920 18240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	18560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	18880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	19200
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9830		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	16794		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18842		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24986		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	29082		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	28262		
t_TrqLOA_X_Kph_u10p6[0]	6720		
t_TrqLOA_X_Kph_u10p6[1]	6784		
t_TrqLOA_X_Kph_u10p6[2]	6848		
t_TrqLOA_X_Kph_u10p6[3]	6912		
t_TrqLOA_X_Kph_u10p6[4]	6976		
t_TrqLOA_X_Kph_u10p6[5]	7040		
t_TrqLOA_X_Kph_u10p6[6]	7104		
t_TrqLOA_X_Kph_u10p6[7]	7168		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOAC		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSp	0	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSp	peed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-6.70205975		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-644.951233		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	521.019287		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	298.393005		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.229057416	0.229057401	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.447117329	0.447117329 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.498461246	0.498461246 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	•

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.5	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0710000023	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	8.80000019	
TrqLOA_TloaCmd_MtrNm_M_f32	-1.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.53825235	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	7.83398104	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	121.14772	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-48.6093979	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	25.7523804	
k_TrqLOA_FallingRampRate_UlspS_f32	-325.548462	
k_TrqLOA_LatAccConversionFactor_Uls_f32	1.87461627	
k_TrqLOA_LimOutput_MtrNm_f32	6.87725496	
k_TrqLOA_MaxScaleFactor_Uls_f32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.06271744	
k_TrqLOA_RisingRampRate_UlspS_f32	890.627869	
k_TrqLOA_SteerRatio_Uls_f32	63.9423447	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	13.8916626	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	32768
t2_TrqLOA_DiffGainY_UIs_u1p15[1][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107 10158
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0] t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158
t2_TrqLOA_DiffGainY_UIs_u1p15[6][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107
t_TrqLOA_DiffGainX_G_u2p14[0]	5079
t_TrqLOA_DiffGainX_G_u2p14[1]	6062
t_TrqLOA_DiffGainX_G_u2p14[2]	6390
t_TrqLOA_DiffGainX_G_u2p14[3]	6554
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	320 640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	960
t TrqLOA_HighSpeedTrqBlend X Kph u10p6[3]	1280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	1600
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[0]	9830
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	19661
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	22938
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	10650
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	18022
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	20890
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19251
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24166
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	25805
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	30310
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29082
t_TrqLOA_X_Kph_u10p6[0]	7232 7296
t_TrqLOA_X_Kph_u10p6[1] t_TrqLOA_X_Kph_u10p6[2]	7360
t_TrqLOA_X_Kph_u10p6[3]	7424
t_TrqLOA_X_Kph_u10p6[4]	7488
t_TrqLOA_X_Kph_u10p6[5]	7488 7552
t_TrqLOA_X_Kph_u10p6[6]	7552 7616
t_TrqLOA_X_Kph_u10p6[7]	7680
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_Igc

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value

2015-06-23, 13:48:37+0530





Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF	_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_	_HwDegf32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAva	ail_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACm	d_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpe	edValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe	ed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	8.28095341		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	942.877319		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-470.462677		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	237.49881		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.902781188	0.902781188	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.432089001	0.432089001 ± 0.01	~
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	~
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	~
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	1	1	✓

0

0 ± 0.01

Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA LatAccScaleFactor Uls M f32	1
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.550000012
TrqLOA_LatAccelSV_g_M_Str.K_UIs_f32	0.0715000033
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-1.32079208
TrqLOA TloaCmd MtrNm M f32	-1
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.37349057
<pre><_TrqLOA_AbsAssistThreshold_MtrNm_f32</pre>	10
<pre><_rrqLOA_AbsVelThreshold_MtrRadpS_f32</pre>	417.774933
TrgLOA DiffScaleRateLimiterFalling UlspS f32	-92.0521927
k TrgLOA DiffScaleRateLimiterRising UlspS f32	65.2838593
k TrgLOA FallingRampRate UlspS f32	-230.849899
k TrgLOA LatAccConversionFactor Uls f32	10
k TrgLOA LimOutput MtrNm f32	1.3696003
k_TrqLOA_EIIIIOutput_Withtin_i32	1
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	7.26509142
k_TrqLOA_RisingRampRate_UlspS_f32	19.8123493
k_TrqLOA_SteerRatio_Uls_f32	20.5512066
k_TrqLOA_UndersteerGrad_RadpG_f32	0.215767324
k_TrqLOA_Wheelbase_M_f32	2.07911134
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763
	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039
t2 TrqLOA DiffGainY Uls u1p15[5][3]	19661
t2_TrqLOA_DiffGainY_UIs_u1p15[6][0]	13763
© Report created by TESSY V3.2.5, report template V2.4	

 $\ensuremath{\texttt{©}}$ Report created by TESSY V3.2.5, report template V2.4





Name	Input Value		
t2_TrqLOA_DiffGainY_UIs_u1p15[6][1]	15729		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	17039		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	19661		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661		
t_TrqLOA_DiffGainX_G_u2p14[0]	6881		
t_TrqLOA_DiffGainX_G_u2p14[1]	7864		
t_TrqLOA_DiffGainX_G_u2p14[2]	8520		
t_TrqLOA_DiffGainX_G_u2p14[3]	9830		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	1920		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	2240		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	2560		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	2880 3200		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_UIs_u1p15[1]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]			
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661 20480		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] t TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	21299		
t TrqLOA_LatAccGain Y MtrNmpG u4p12[3]	25395		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
t TrqLOA_LatAccGain Y MtrNmpG_u4p12[5]	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	11469		
t TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19661		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24986		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	31539		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29901		
t_TrqLOA_X_Kph_u10p6[0]	7744		
t_TrqLOA_X_Kph_u10p6[1]	7808		
t_TrqLOA_X_Kph_u10p6[2]	7872		
t_TrqLOA_X_Kph_u10p6[3]	7936		
t_TrqLOA_X_Kph_u10p6[4]	8000		
t_TrqLOA_X_Kph_u10p6[5]	8064		
t_TrqLOA_X_Kph_u10p6[6]	8128		
t_TrqLOA_X_Kph_u10p6[7]	8192		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target TrqLOA Per1 HandwheelA	Authority Uls f32	
target Rte Inst Ap TrqLOA.TrqLOA Per1 LatAcc MpSecSq f32	target_TrqLOA_Per1_LatAcc_MpS	·	
target Rte Inst Ap TrqLOA.TrqLOA Per1 LatAccelValid Cnt Igc	target TrqLOA Per1 LatAccelVali		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaM		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_I		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvai		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpee		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	4.30011368		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	425.325989		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-722.849121		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	404.025146		
Name	Actual Value	Expected Value	Result
TrgLOA LatAccScaleFactor Uls M f32	0.815895617	0.815895617	
TrqLOA LatAccelSV g M Str.SV UIs f32	0.308763355	0.308763325 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-3.57368302	-3.57368302 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	-1.3696003	-1.3696003 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	1	1	





Test Step 2.117 (Repeat Count = 1)	✓
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.19543159
TrqLOA LatAccelSV g M Str.SV UIs f32	0.600000024
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0719999969
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	6.3116827
TrqLOA_TloaCmd_MtrNm_M_f32	-0.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	7.97127008
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	36.6413078
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-92.0732269
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	46.1544571
k_TrqLOA_FallingRampRate_UlspS_f32	-543.844055
k_TrqLOA_LatAccConversionFactor_Uls_f32 k_TrqLOA_LimOutput_MtrNm_f32	3.59191108 2.21100903
k_TrqLOA_LiniOutput_MinNin_132 k_TrqLOA_MaxScaleFactor_Uls_f32	0.302499175
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	1.49389577
k_TrqLOA_RisingRampRate_UlspS_f32	879.470337
k_TrqLOA_SteerRatio_Uls_f32	42.7107048
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	16.6651707
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	26214
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0] t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214
t2_TrqLOA_DiffGainY_UIs_u1p15[4][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214 17367
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0] t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214
t_TrqLOA_DiffGainX_G_u2p14[0]	8684
t_TrqLOA_DiffGainX_G_u2p14[1]	9667
t_TrqLOA_DiffGainX_G_u2p14[2]	10650
t_TrqLOA_DiffGainX_G_u2p14[3]	13107
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	3520
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	3840
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	4160
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	4480 4800
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	12288		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	22528		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	25805		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	27443		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	32768		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	30720		
t_TrqLOA_X_Kph_u10p6[0]	8256		
t_TrqLOA_X_Kph_u10p6[1]	8320		
t_TrqLOA_X_Kph_u10p6[2]	8384		
t_TrqLOA_X_Kph_u10p6[3]	8448		
t_TrqLOA_X_Kph_u10p6[4]	8512		
t_TrqLOA_X_Kph_u10p6[5]	8576		
t_TrqLOA_X_Kph_u10p6[6]	8640		
t_TrqLOA_X_Kph_u10p6[7]	8704		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_N	/ltrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeed\	/alid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_	_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_UIs_f32.value	0.0375167131		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-8.22446823		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-7.13535595		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-915.505249		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	304.914886		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.287740499	0.287740499	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.458055556	0.458055526 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-1.29484546	-1.29484546 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	-1.29484546	-1.29484546 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	-1.29484546	-1.29484546 ± 0.01	•

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.649999976	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0724999979	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-5.10264874	
TrqLOA_TloaCmd_MtrNm_M_f32	0	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.53738272	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.86057854	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	91.7356949	
<_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-60.7743607	
<_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	51.3350792	
k_TrqLOA_FallingRampRate_UlspS_f32	-81.2285538	
<_TrqLOA_LatAccConversionFactor_Uls_f32	5.59152317	
<_TrqLOA_LimOutput_MtrNm_f32	2.01894808	
<pre><_TrqLOA_MaxScaleFactor_Uls_f32</pre>	0.768612146	
_TrqLOA_MinScaleFactor_Uls_f32	0.370501518	
c_TrqLOA_NomDrvTrq_MtrNm_f32	3.48720717	
_TrqLOA_RisingRampRate_UlspS_f32	493.299835	
C_TrqLOA_SteerRatio_Uls_f32	94.0239563	
C_TrqLOA_UndersteerGrad_RadpG_f32	0.103192776	
c_TrqLOA_Wheelbase_M_f32	3.4305203	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458 4915
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226
t2 TrqLOA DiffGainY Uls u1p15[5][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[5][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	6226
t_TrqLOA_DiffGainX_G_u2p14[0]	10486
t_TrqLOA_DiffGainX_G_u2p14[1]	11469
t_TrqLOA_DiffGainX_G_u2p14[2]	12780
t_TrqLOA_DiffGainX_G_u2p14[3]	16384
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	5120
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	5440
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	5760
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	6080
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	6400
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107 16384
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[4]	19661
t_TrqLOA_tatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	13107
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	21709
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	23347
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20480
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	26624
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	28262
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	33997
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	31539
t_TrqLOA_X_Kph_u10p6[0]	8768
t_TrqLOA_X_Kph_u10p6[1]	8832
t_TrqLOA_X_Kph_u10p6[2]	8896
t_TrqLOA_X_Kph_u10p6[3]	8960
t_TrqLOA_X_Kph_u10p6[4]	9024
t_TrqLOA_X_Kph_u10p6[5]	9088
t_TrqLOA_X_Kph_u10p6[6]	9152
t_TrqLOA_X_Kph_u10p6[7]	9216
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc

2015-06-23, 13:48:37+0530





Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_Mt	rRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_Hw	Deg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_0	Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_M	/ltrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeed\	/alid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_	Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.420737267		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-3.56191611		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1006.46796		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	385.847076		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	392.839417		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.878451288	0.878451288	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.651854038	0.651854038 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.550782979	-0.550783038 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	✓

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32		
FrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.10000001 0.072999989	
TrqLOA_LatAccelSV_g_M_Str.K_UIs_f32		
FrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-1.82143354 0.5	
FrqLOA_TloaCmd_MtrNm_M_f32	11	
FrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.583380878	
C_TrqLOA_AbsAssistThreshold_MtrNm_f32	4.1499008	
	876.559387	
x_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-77.9407883	
x_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	59.853447	
x_TrqLOA_FallingRampRate_UlspS_f32	-352.786621	
C_TrqLOA_LatAccConversionFactor_Uls_f32	6.628057	
c_TrqLOA_LimOutput_MtrNm_f32	2.33613467	
x_TrqLOA_MaxScaleFactor_Uls_f32	1	
<pre><_TrqLOA_MinScaleFactor_Uls_f32</pre>	0.544707656	
x_TrqLOA_NomDrvTrq_MtrNm_f32	6.10560083	
<pre><_TrqLOA_RisingRampRate_UlspS_f32</pre>	266.088531	
C_TrqLOA_SteerRatio_Uls_f32	5.45895815	
c_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
x_TrqLOA_Wheelbase_M_f32	6.65763712	
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	9503	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	6554	
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830	
2_TrqLOA_DiffGainY_UIs_u1p15[4][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192	
2 TrqLOA DiffGainY Uls u1p15[4][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	9830	
2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	6554	

2015-06-23, 13:48:37+0530





News	Inner t Value		
Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	6554		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830		
t_TrqLOA_DiffGainX_G_u2p14[0]	12288		
t_TrqLOA_DiffGainX_G_u2p14[1]	13271		
t_TrqLOA_DiffGainX_G_u2p14[2]	14909		
t_TrqLOA_DiffGainX_G_u2p14[3]	19661		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	6720		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	7040		
t TrqLOA HighSpeedTrqBlend X Kph u10p6[2]	7360		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	7680		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	8000		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] t TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	13926		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	22938		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	27443		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	29082		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	35226		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	32358		
t_TrqLOA_X_Kph_u10p6[0]	9280		
t_TrqLOA_X_Kph_u10p6[1]	9344		
t_TrqLOA_X_Kph_u10p6[2]	9408		
t_TrqLOA_X_Kph_u10p6[3]	9472		
t_TrqLOA_X_Kph_u10p6[4]	9536		
t_TrqLOA_X_Kph_u10p6[5]	9600		
t_TrqLOA_X_Kph_u10p6[6]	9664		
t_TrqLOA_X_Kph_u10p6[7]	9728		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAutho	prity I lle f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecS		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_C		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaMtgtnl		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrF	. –	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwD		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cr		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_Mt		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedVa		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_K	ph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.147906661		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	1.12150919		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1629.86719		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	689.825684		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	341.284576		
Name	Actual Value	Expected Value	Result
TrqLOA LatAccScaleFactor Uls M f32	0.844118416	0.844118416	✓
TrqLOA LatAccelSV g M Str.SV Uls f32	0.718517244	0.718517303 ± 0.01	J
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	_
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	-
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.0512037873	-0.0512038134 ± 0.01	
target TrqLOA Per1 TrqLOAAvail Cnt Igc.value	0	-0.0312036134 ± 0.01	
target_frqLOA_reff_frqLOAAvail_Offt_fgc.value	U	0	

0

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value

0 ± 0.01



Test Step 2.120 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.856627464
TrqLOA LatAccelSV g M Str.SV Uls f32	0.15000006
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0734999999
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-3.64224005
TrqLOA_TloaCmd_MtrNm_M_f32	1
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.575818539
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	5.72224617
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	614.205139
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-60.9445
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32 k_TrqLOA_FallingRampRate_UlspS_f32	56.8051186 -947.540466
k_TrqLOA_FallingRampRate_Uisp5_i52 k_TrqLOA_LatAccConversionFactor_Uis_f32	3.5310955
k TrqLOA LimOutput MtrNm f32	1.54906464
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	0.282221079
k_TrqLOA_NomDrvTrq_MtrNm_f32	6.14293718
k_TrqLOA_RisingRampRate_UlspS_f32	537.828125
k_TrqLOA_SteerRatio_Uls_f32	18.7796841
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	2.62554789
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158
t2_TrqLOA_DiffGainY_UIs_u1p15[0][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780
t2_TrqLOA_DiffGainY_UIs_u1p15[0][3]	13107 10158
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0] t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	0
t2_TrqLOA_DiffGainY_UIs_u1p15[4][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12124 12780
t2 TrqLOA DiffGainY Uls u1p15[4][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1] t2 TrqLOA DiffGainY Uls u1p15[7][2]	12124 12780
tz_IrqLOA_DiffGainY_Uis_u1p15[7][2] t2_TrqLOA_DiffGainY_Uis_u1p15[7][3]	13107
t_TrqLOA_DiffGainX_G_u2p14[0]	14090
t TrqLOA DiffGainX G u2p14[1]	15073
t_TrqLOA_DiffGainX_G_u2p14[2]	17039
t_TrqLOA_DiffGainX_G_u2p14[3]	22938
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	8320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	8640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	8960
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	9280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	9600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830 13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_nigitspeed frqBiefid_1_0is_u1p13[4]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4096		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	8192		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	14336		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	15974		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	17613		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	22528		
t_TrqLOA_X_Kph_u10p6[0]	9792		
t_TrqLOA_X_Kph_u10p6[1]	9856		
t_TrqLOA_X_Kph_u10p6[2]	9920		
t_TrqLOA_X_Kph_u10p6[3]	9984		
t_TrqLOA_X_Kph_u10p6[4]	10048		
t_TrqLOA_X_Kph_u10p6[5]	10112		
t_TrqLOA_X_Kph_u10p6[6]	10176		
t_TrqLOA_X_Kph_u10p6[7]	10240		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwhee	elAuthority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp	pSecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe	eed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.210905313		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	3.24548841		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	557.287415		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	35.2206078		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	83.2928467		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.734738469	0.734738469	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.147045523	0.147045508 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.282221079	0.282221079 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.20000003	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.074000001	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	8.80000019	
TrqLOA_TloaCmd_MtrNm_M_f32	1.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.76970917	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	6.74650621	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	317.604797	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-90.4868851	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	17.3672791	
k_TrqLOA_FallingRampRate_UlspS_f32	-753.307373	
k_TrqLOA_LatAccConversionFactor_Uls_f32	3.927809	
k_TrqLOA_LimOutput_MtrNm_f32	5.25430536	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.202163577	
k_TrqLOA_MinScaleFactor_Uls_f32	0.664285302	
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.69087601	
k_TrqLOA_RisingRampRate_UlspS_f32	639.479919	
k_TrqLOA_SteerRatio_Uls_f32	4.69030809	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.199088082	
k_TrqLOA_Wheelbase_M_f32	1.61778116	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1] t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	15729 17039
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	32768
t2_TrqLOA_DiffGainY_UIs_u1p15[4][0]	13763
t2_TrqLOA_DiffGainY_UIs_u1p15[4][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3] t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	19661 13763
t2_TrqLOA_DiliGainY_Uls_u1p15[7][1]	15703
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661
t_TrqLOA_DiffGainX_G_u2p14[0]	15892
t_TrqLOA_DiffGainX_G_u2p14[1]	16876
t_TrqLOA_DiffGainX_G_u2p14[2]	19169
t_TrqLOA_DiffGainX_G_u2p14[3]	26214
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	9920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	10240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	10560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	10880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	11200
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107 16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864
t TrqLOA_LatAccGain Y MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4915
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	9421
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15155
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16384
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	18432
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20070
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	21709
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	23347
t_TrqLOA_X_Kph_u10p6[0]	10304
t_TrqLOA_X_Kph_u10p6[1]	10368 10432
t_TrqLOA_X_Kph_u10p6[2] t_TrqLOA_X_Kph_u10p6[3]	10432
t_TrqLOA_X_Kph_u10p6[4]	10560
t_TrqLOA_X_Kph_u10p6[5]	10624
t_TrqLOA_X_Kph_u10p6[6]	10688
t_TrqLOA_X_Kph_u10p6[7]	10752
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc





Name	Input Value		
target_Rte_Inst_Ap_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadp	S_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_t	32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lg	С	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm	_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeedValid_0	Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_t	32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.663388848		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	4.7882843		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1980.56238		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	601.731018		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	399.236786		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.819026232	0.819026232	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	1.01211238	1.01211226 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	1.42644906	1.42644894 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	1.42644906	1.42644894 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.5092507	0.5092507 ± 0.01	✓
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	~
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	1.42644906	1.42644894 ± 0.01	~

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
FrgLOA LatAccScaleFactor UIs M f32	1	
FrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.25	
FrgLOA LatAccelSV g M Str.K Uls f32	0.074500002	
FrgLOA ScaledMtrTrqCmd MtrNm M f32	3.47551155	
FrqLOA_TloaCmd_MtrNm_M_f32	2	
FrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.0130735636	
<pre>c_TrqLOA_AbsAssistThreshold_MtrNm_f32</pre>	2.26314235	
C_TrqLOA_AbsVelThreshold_MtrRadpS_f32	892.332764	
<pre>c</pre>	-22.0116425	
TrgLOA DiffScaleRateLimiterRising UlspS f32	22.6167736	
TrgLOA FallingRampRate UlspS f32	-131.983978	
TrqLOA LatAccConversionFactor Uls f32	1.48893201	
C_TrqLOA_LimOutput_MtrNm_f32	4.19399071	
<pre><_frqLOA_Limoutput_Muthin_i32</pre> <pre><_frqLOA_MaxScaleFactor_Uls_f32</pre>	1	
C_TrqLOA_MinScaleFactor_Uls_f32	1	
C_TrqLOA_NomDrvTrq_MtrNm_f32	2.25471401	
rrqLOA_RisingRampRate_UlspS_f32	524.350281	
:_TrqLOA_SteerRatio_Uls_f32	63.0900269	
TrqLOA_SteerNatio_bis_is2	0.0236685574	
TrqLOA_OndersteerGrad_NadpG_I32	11.9219341	
2 TrqLOA_Wileeloase_M_I32 2 TrqLOA DiffGainY Uls u1p15[0][0]	17367	
	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]		
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299	
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214	
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367	





	1		
Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	21299		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214		
t_TrqLOA_DiffGainX_G_u2p14[0]	17695		
t_TrqLOA_DiffGainX_G_u2p14[1]	18678		
t TrqLOA DiffGainX G u2p14[2]	21299		
t_TrqLOA_DiffGainX_G_u2p14[3]	29491		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	11520		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	11840		
	12160		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]			
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	12480		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	12800		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211		
t TrqLOA LatAccGain Y MtrNmpG u4p12[6]	60621		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030		
	5734		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	10650		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15974		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16794		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	22938		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24166		
t_TrqLOA_X_Kph_u10p6[0]	10816		
t_TrqLOA_X_Kph_u10p6[1]	10880		
t_TrqLOA_X_Kph_u10p6[2]	10944		
t_TrqLOA_X_Kph_u10p6[3]	11008		
t TrqLOA X Kph u10p6[4]	11072		
t TrqLOA X Kph u10p6[5]	11136		
t_TrqLOA_X_Kph_u10p6[6]	11200		
	11264		
t_TrqLOA_X_Kph_u10p6[7]		-14464111 600	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwhee	,	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_M		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelV		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoa		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRI	F_MtrRadpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos	s_HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAv	vail_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACr	md_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSp	eedValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSp		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.256499767	_ · _	
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-3.89680552		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1356.30872		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	968.051514		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	281.498718		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.955976725	0.955976725	•
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.697598696	0.697598696 ± 0.01	-
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	3.3841362	3.38413596 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	3.3841362	3.38413596 ± 0.01	
		1 ± 0.01	
Trol OA TroBasedScaleFactor Uls M f32			
TrqLOA_TrqBasedScaleFactor_Uls_M_f32 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	





Test Step 2.123 (Repeat Count = 1)	I-m-4 Value
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32 TrqLOA_LatAccelSV g M Str.SV Uls f32	1 0.300000012
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.075000003
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.312298417
TrqLOA_TloaCmd_MtrNm_M_f32	2.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	5.50748444
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	801.555481
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-97.5441284
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	11.4978685
k_TrqLOA_FallingRampRate_UlspS_f32	-915.834595
k_TrqLOA_LatAccConversionFactor_Uls_f32 k_TrqLOA_LimOutput_MtrNm_f32	9.14552212 3.54621148
k_TrqLOA_EIIIOutput_withtin_i32 k_TrqLOA_MaxScaleFactor_Uls_f32	0.687833905
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	0.177738294
k_TrqLOA_RisingRampRate_UlspS_f32	487.949097
k_TrqLOA_SteerRatio_Uls_f32	58.2460938
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	14.2606649
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3] t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	6226 655
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915 6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3] t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	0220
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2] t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	4915 6226
t2_TrqLOA_DiliGainY_Uis_u1p15[0][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	6226
t_TrqLOA_DiffGainX_G_u2p14[0]	328
t_TrqLOA_DiffGainX_G_u2p14[1]	1229
t_TrqLOA_DiffGainX_G_u2p14[2]	2458
t_TrqLOA_DiffGainX_G_u2p14[3]	3113
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	13120
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	13440
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	13760 14080
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	1400
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	6554		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	11878		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	16794		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24986		
t_TrqLOA_X_Kph_u10p6[0]	11328		
t_TrqLOA_X_Kph_u10p6[1]	11392		
t_TrqLOA_X_Kph_u10p6[2]	11456		
t_TrqLOA_X_Kph_u10p6[3]	11520		
t_TrqLOA_X_Kph_u10p6[4]	11584		
t_TrqLOA_X_Kph_u10p6[5]	11648		
t_TrqLOA_X_Kph_u10p6[6]	11712		
t_TrqLOA_X_Kph_u10p6[7]	11776		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Ul	s_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.000482439995		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-3.73393083		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1515.99487		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	49.722393		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	288.431671		
Name	Actual Value E	Expected Value	Result
TrgLOA LatAccScaleFactor Uls M f32	0.804911733	0.804911733	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.281611413	0.281611413 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.0253538806	0.0253538694 ± 0.01	
TrqLOA TloaCmd MtrNm M f32		0.0253538694 ± 0.01	
TrgLOA TrgBasedScaleFactor Uls M f32		± 0.01	
target TrqLOA Per1 TrqLOAAvail Cnt Igc.value	0 0		
target TrqLOA Per1 TrqLOACmd MtrNm f32.value	0.0253538806	0.0253538694 ± 0.01	

Name	Input Value	
Rte Inst Ap TrqLOA	target Rte Inst Ap TrgLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.0948557854	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.34999994	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0754999965	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	4.00192595	
TrqLOA_TloaCmd_MtrNm_M_f32	3	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.226432562	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.70420718	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	115.104866	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-64.9389114	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	24.6533508	
k_TrqLOA_FallingRampRate_UlspS_f32	-866.203979	
k_TrqLOA_LatAccConversionFactor_Uls_f32	6.27462196	
k_TrqLOA_LimOutput_MtrNm_f32	6.56321907	
k_TrqLOA_MaxScaleFactor_Uls_f32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	6.25254965	
k_TrqLOA_RisingRampRate_UlspS_f32	178.460541	
k_TrqLOA_SteerRatio_Uls_f32	5.46221828	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	8.7096529	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192
t2_TrqLOA_DiffGainY_UIs_u1p15[1][2]	9503
t2_TrqLOA_DiffGainY_UIs_u1p15[1][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[2][0]	6554
t2_TrqLOA_DiffGainY_UIs_u1p15[2][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	32768
t2_TrqLOA_DiffGainY_UIs_u1p15[4][1]	32768
t2_TrqLOA_DiffGainY_UIs_u1p15[4][2]	32768 32768
t2_TrqLOA_DiffGainY_UIs_u1p15[4][3]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0] t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192
tz_irqLoA_birgainY_ois_uip15[5][1] tz_TrqLoA_DiffGainY_Uis_uip15[5][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830
t2_TrqLOA_DiliGainY_Uls_u1p15[6][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830
t2 TrqLOA DiffGainY Uls u1p15[7][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830
t_TrqLOA_DiffGainX_G_u2p14[0]	3277
t_TrqLOA_DiffGainX_G_u2p14[1]	4096
t_TrqLOA_DiffGainX_G_u2p14[2]	4751
t_TrqLOA_DiffGainX_G_u2p14[3]	4915
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	14720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	15040
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	15360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	15680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	16000
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_UIs_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395 28672
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491
t TrgLOA LatAccGain Y MtrNmpG u4p12[6]	32768
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	7373
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	13107
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[2]	17613
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17613
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20890
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	22528
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	25395
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	25805
t_TrqLOA_X_Kph_u10p6[0]	11840
t_TrqLOA_X_Kph_u10p6[1]	11904
t_TrqLOA_X_Kph_u10p6[2]	11968
t_TrqLOA_X_Kph_u10p6[3]	12032
t_TrqLOA_X_Kph_u10p6[4]	12096
t_TrqLOA_X_Kph_u10p6[5]	12160
t_TrqLOA_X_Kph_u10p6[6]	12224
t_TrqLOA_X_Kph_u10p6[7]	12288
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc

2015-06-23, 13:48:37+0530





Name	Input Value				
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCR	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos	target_TrqLOA_Per1_RelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAv	/ail_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACı	md_MtrNm_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSp	eedValid_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSp	eed_Kph_f32			
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1				
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-1.35786963				
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1	1			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0	0			
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-424.722809	-424.722809			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-863.749573	-863.749573			
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0	0			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	506.476563				
Name	Actual Value	Expected Value	Result		
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.144162491	0.144162491	•		
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	-0.495774776	-0.495774776 -0.495774806 ± 0.01			
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.317895025 -0.317895055 ± 0.01				
TrqLOA_TloaCmd_MtrNm_M_f32	-0.317895025 -0.317895055 ± 0.01				
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.583353639 0.583353639 ± 0.01				
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0 0				
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	-0.317895025	-0.317895055 ± 0.01	✓		

Test Step 2.125 (Repeat Count = 1) Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA LatAccScaleFactor Uls M f32	1	
TrqLOA_LatAccelSV g M Str.SV Uls f32	0.400000006	
	0.0759999976	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32 TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	4.52058029	
	3.5	
TrqLOA_TloaCmd_MtrNm_M_f32 TrqLOA_TrqBasedScaleFactor Uls M f32	-1.57367921	
· - ·	9.38729286	
<pre><_TrqLOA_Abs/sistThreshold_MtrNm_f32</pre>		
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	233.491806	
	-66.8403244	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	64.7281036	
k_TrqLOA_FallingRampRate_UlspS_f32	-928.644592	
k_TrqLOA_LatAccConversionFactor_Uls_f32	0.234460622	
k_TrqLOA_LimOutput_MtrNm_f32	5.92868757	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.0456832647	
k_TrqLOA_MinScaleFactor_Uls_f32	0.996097684	
k_TrqLOA_NomDrvTrq_MtrNm_f32	5.03396273	
k_TrqLOA_RisingRampRate_UlspS_f32	48.1902771	
<_TrqLOA_SteerRatio_Uls_f32	34.5108681	
c_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
x_TrqLOA_Wheelbase_M_f32	4.31090164	
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729	
2 TrqLOA DiffGainY Uls u1p15[4][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107	
2_TrqLOA_DiliGainY_Uls_u1p15[6][0]	10158	
© Report created by TESSY V3.2.5, report template V2.4	10.00	

@ Report created by TESSY V3.2.5, report template V2.4

2015-06-23, 13:48:37+0530





26624 12352		
12352		
12410		
12544		
12608		
r1_HandwheelAuthority_Uls_f32		
r1_LatAcc_MpSecSq_f32		
r1 LatAccelValid Cnt Igc		
r1_MotAgLoaMtgtnEn_Cnt_lgc		
r1_MtrVelCRF_MtrRadpS_f32		
r1_RelHwPos_HwDeg_f32		
r1_TrqLOAAvail_Cnt_lgc		
r1_TrqLOACmd_MtrNm_f32		
r1_VehicleSpeedValid_Cnt_lgc		
r1_VehicleSpeed_Kph_f32		
Expected Value Resu		
0.866319358		
0.407827318 ± 0.01		
0 ± 0.01		
0 ± 0.01		
-1.47729874 ± 0.01		
0		

0

0 ± 0.01

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value





Test Step 2.126 (Repeat Count = 1)	· ·
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.00941729546
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.44999988
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0764999986
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	4.23950624
TrqLOA_TloaCmd_MtrNm_M_f32	4
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.13336575
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	7.33077192
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	133.163208
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-1.6913321 53.0677528
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32 k_TrqLOA_FallingRampRate_UlspS_f32	-562.738586
k_TrqLOA_LatAccConversionFactor_Uls_f32	1.68228257
k TrqLOA LimOutput MtrNm f32	6.47030687
k_TrqLOA_MaxScaleFactor_Uls_f32	0.95019269
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	6.05968189
k_TrqLOA_RisingRampRate_UlspS_f32	549.646301
k_TrqLOA_SteerRatio_Uls_f32	29.0238514
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	7.63126898
t2_TrqLOA_DiffGainY_UIs_u1p15[0][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1] t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	15729 17039
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2 TrqLOA DiffGainY Uls u1p15[1][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039
t2_TrqLOA_DiffGainY_UIs_u1p15[2][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763 15729
t2_TrqLOA_DiffGainY_UIs_u1p15[3][1] t2_TrqLOA_DiffGainY_UIs_u1p15[3][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661
t2 TrqLOA DiffGainY Uls u1p15[4][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1] t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	15729 17039
t2 TrgLOA DiffGainY Uls u1p15[6][3]	19661
t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	13763
t2_TrqLOA_DiffGainY_UIs_u1p15[7][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661
t_TrqLOA_DiffGainX_G_u2p14[0]	6881
t_TrqLOA_DiffGainX_G_u2p14[1]	7864
t_TrqLOA_DiffGainX_G_u2p14[2]	8520
t_TrqLOA_DiffGainX_G_u2p14[3]	9830
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	17920 18240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	18560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	18880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	19200
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115 56934
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	ງ ວບອ34





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9011		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	15565		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18432		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	22528		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	27853		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	27443		
t_TrqLOA_X_Kph_u10p6[0]	12864		
t_TrqLOA_X_Kph_u10p6[1]	12928		
t_TrqLOA_X_Kph_u10p6[2]	12992		
t_TrqLOA_X_Kph_u10p6[3]	13056		
t_TrqLOA_X_Kph_u10p6[4]	13120		
t_TrqLOA_X_Kph_u10p6[5]	13184		
t_TrqLOA_X_Kph_u10p6[6]	13248		
t_TrqLOA_X_Kph_u10p6[7]	13312		
arget_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
arget_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
arget_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd	_MtrNm_f32	
arget_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpee	dValid_Cnt_lgc	
arget_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	d_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	3.36877322		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1302.61328		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-340.970886		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	21.4021606		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.115552805	0.115552798	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.408950448	0.408950478 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0 0 ± 0.01		
TrqLOA_TloaCmd_MtrNm_M_f32	0 0 ± 0.01		
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.0340731144 -0.0340731964 ± 0.01		
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0		
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0 ± 0.01		

Name	Input Value	
Rte Inst Ap TrgLOA	target Rte Inst Ap TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.5	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0769999996	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	4.74555826	
TrqLOA_TloaCmd_MtrNm_M_f32	4.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.63674033	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	9.08462524	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	357.839844	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-3.03508973	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	33.79459	
k_TrqLOA_FallingRampRate_UlspS_f32	-507.021576	
k_TrqLOA_LatAccConversionFactor_Uls_f32	0.35055384	
k_TrqLOA_LimOutput_MtrNm_f32	5.86887455	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.147675157	
k_TrqLOA_MinScaleFactor_Uls_f32	0.0349010229	
k_TrqLOA_NomDrvTrq_MtrNm_f32	2.91014886	
k_TrqLOA_RisingRampRate_UlspS_f32	903.030151	
k_TrqLOA_SteerRatio_Uls_f32	19.2581005	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	20	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333 21299
t2_TrqLOA_DiffGainY_UIs_u1p15[1][2] t2_TrqLOA_DiffGainY_UIs_u1p15[1][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214
t2_TrqLOA_DiffGainY_UIs_u1p15[3][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[4][2] t2_TrqLOA_DiffGainY_UIs_u1p15[4][3]	21299 26214
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	32768
t2 TrqLOA DiffGainY Uls u1p15[5][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214
t_TrqLOA_DiffGainX_G_u2p14[0] t_TrqLOA_DiffGainX_G_u2p14[1]	8684 9667
t_TrqLOA_DiffGainX_G_u2p14[1]	10650
t_TrqLOA_DiffGainX_G_u2p14[3]	13107
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	19520
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	19840
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	20160
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	20480
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	20800
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384
t_TrqLOA_nightspeed frqblend_f_ols_ufp15[4]	19661 4096
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9830
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	16794
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	20070
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18842
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	23347 24986
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	24986
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	28262
t_TrqLOA_X_Kph_u10p6[0]	13376
t_TrqLOA_X_Kph_u10p6[1]	13440
t_TrqLOA_X_Kph_u10p6[2]	13504
t_TrqLOA_X_Kph_u10p6[3]	13568
t_TrqLOA_X_Kph_u10p6[4]	13632
t_TrqLOA_X_Kph_u10p6[5]	13696
t_TrqLOA_X_Kph_u10p6[6]	13760
t_TrqLOA_X_Kph_u10p6[7]	13824
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc





Name	Input Value			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAva	il_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACm	d_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpe	edValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpe	ed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	3.80063248			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1			
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1231.90735			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-442.899658			
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	451.846344			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.993929803	0.993929803	✓	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.343736827	0.343736857 ± 0.01	✓	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.0731231868 -0.0731231719 ± 0.01			
TrqLOA_TloaCmd_MtrNm_M_f32	-0.0731231868 -0.0731231719 ± 0.01			
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.0349010229 ± 0.01			
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	-0.0731231868	-0.0731231719 ± 0.01	~	

Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	1
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.550000012
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0775000006
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-6.22358561
TrqLOA_TloaCmd_MtrNm_M_f32	5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.391814232
<pre><_TrqLOA_AbsAssistThreshold_MtrNm_f32</pre>	5.38269758
<pre><_TrqLOA_AbsVelThreshold_MtrRadpS_f32</pre>	851.174866
x_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-82.625946
x_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	46.064209
k_TrqLOA_FallingRampRate_UlspS_f32	-193.040192
<pre><_TrqLOA_LatAccConversionFactor_Uls_f32</pre>	5.52927876
x_TrqLOA_LimOutput_MtrNm_f32	3.99039626
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	7.06337452
<_TrqLOA_RisingRampRate_UlspS_f32	713.560303
<_TrqLOA_SteerRatio_Uls_f32	70.9857712
<pre><_TrqLOA_UndersteerGrad_RadpG_f32</pre>	0.0938361883
<_TrqLOA_Wheelbase_M_f32	12.6651964
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915
2_TrqLOA_DiffGainY_UIs_u1p15[3][3]	6226
2 TrqLOA DiffGainY UIs u1p15[4][0]	655
2 TrqLOA DiffGainY Uls u1p15[4][1]	2458
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039
2 TrqLOA_DiffGainY_Uls_u1p15[5][2]	19661
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655

2015-06-23, 13:48:37+0530





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458		
t2 TrqLOA DiffGainY Uls u1p15[6][2]	4915		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	2458		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915		
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	6226		
t_TrqLOA_DiffGainX_G_u2p14[0]	10486		
t TrqLOA DiffGainX G u2p14[1]	11469		
t TrqLOA DiffGainX G u2p14[2]	12780		
t_TrqLOA_DiffGainX_G_u2p14[3]	16384		
	21120		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	21120		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]			
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	21760		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	22080		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	22400		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	10650		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	18022		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	25805		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	30310		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29082		
t_TrqLOA_X_Kph_u10p6[0]	13888		
t_TrqLOA_X_Kph_u10p6[1]	13952		
t TrqLOA X Kph u10p6[2]	14016		
t_TrqLOA_X_Kph_u10p6[3]	14080		
t_TrqLOA_X_Kph_u10p6[4]	14144		
t TrqLOA X Kph u10p6[5]	14208		
	14272		
t_TrqLOA_X_Kph_u10p6[6]			
t_TrqLOA_X_Kph_u10p6[7]	14336		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_UIs_f32	target_TrqLOA_Per1_HandwheelA		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpS		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaMt	0 0	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_I	· -	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_H		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpee		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	d_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.163787127		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-1.70545602		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1053.297		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	366.434143		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	458.857544		
Name	Actual Value	Expected Value	Result
TrqLOA LatAccScaleFactor Uls M f32	0.834748089	0.834748089	✓
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.57617873	0.57617873 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.108414486	0.108414471 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	0.108414486	0.108414471 ± 0.01	*
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	-
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0.108414486	0.108414471 ± 0.01	
targot_rigeOA_reri_rigeOAOmid_withVill_loz.value	0.100414400	0.100414471 ± 0.01	



Test Step 2.129 (Repeat Count = 1)	· ·
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.567123771
TrqLOA LatAccelSV g M Str.SV Uls f32	0.600000024
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0780000016
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-6.57568836
TrqLOA_TloaCmd_MtrNm_M_f32	5.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.106500566
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	2.87208557
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	60.7626076
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-79.0494766
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	63.842453 -388.694366
k_TrqLOA_FallingRampRate_UlspS_f32 k_TrqLOA_LatAccConversionFactor_Uls_f32	-300.094300 10
k TrqLOA LimOutput MtrNm f32	2.91165829
k_TrqLOA_MaxScaleFactor_Uls_f32	0.99773109
k_TrqLOA_MinScaleFactor_Uls_f32	0.98422873
k_TrqLOA_NomDrvTrq_MtrNm_f32	7.42731905
k_TrqLOA_RisingRampRate_UlspS_f32	359.111908
k_TrqLOA_SteerRatio_Uls_f32	17.2614994
k_TrqLOA_UndersteerGrad_RadpG_f32	0.228721723
k_TrqLOA_Wheelbase_M_f32	8.02447128
t2_TrqLOA_DiffGainY_UIs_u1p15[0][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2] t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9503 9830
t2_TrqLOA_DiliGainY_Uls_u1p15[0][5] t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554
t2_TrqLOA_DiffGainY_UIs_u1p15[3][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2] t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9503 9830
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[6][0]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2] t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	0
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830
t_TrqLOA_DiffGainX_G_u2p14[0]	12288
t_TrqLOA_DiffGainX_G_u2p14[1]	13271
t_TrqLOA_DiffGainX_G_u2p14[2]	14909
t_TrqLOA_DiffGainX_G_u2p14[3]	19661
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	22720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	23040 23360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	23680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	24000
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683 40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779
	71110





Name	Input Value			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	11469			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	19251			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	21709			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19661			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24986			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	26624			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	31539			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29901			
t_TrqLOA_X_Kph_u10p6[0]	14400			
t_TrqLOA_X_Kph_u10p6[1]	14464			
t_TrqLOA_X_Kph_u10p6[2]	14528			
t_TrqLOA_X_Kph_u10p6[3]	14592			
t_TrqLOA_X_Kph_u10p6[4]	14656			
t_TrqLOA_X_Kph_u10p6[5]	14720			
t_TrqLOA_X_Kph_u10p6[6]	14784			
t_TrqLOA_X_Kph_u10p6[7]	14848			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAut	hority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSec	cSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_N	MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeed\	/alid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_	Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.383844972			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-0.118159592			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1			
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-569.586182			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-195.522369			
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	478.792694			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.409024805	0.409024805		
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.48706758	0.48706755 ± 0.01		
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.590291202	-0.590291142 ± 0.01		
TrqLOA_TloaCmd_MtrNm_M_f32	-0.590291202 -0.590291142 ± 0.01			
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.824724436 0.824724376 ± 0.01			
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0 0			
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	-0.590291202	-0.590291142 ± 0.01	•	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.649999976	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0785000026	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.0967210084	
TrqLOA_TloaCmd_MtrNm_M_f32	6	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.599776387	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	1.06560349	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	801.15863	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-47.003067	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	92.9339294	
<pre><_TrqLOA_FallingRampRate_UlspS_f32</pre>	-601.664307	
<pre><_TrqLOA_LatAccConversionFactor_Uls_f32</pre>	5.30471039	
<_TrqLOA_LimOutput_MtrNm_f32	1.17788911	
k_TrqLOA_MaxScaleFactor_Uls_f32	1	
C_TrqLOA_MinScaleFactor_Uls_f32	0.787144184	
c_TrqLOA_NomDrvTrq_MtrNm_f32	6.45212317	
C_TrqLOA_RisingRampRate_UlspS_f32	124.468575	
C_TrqLOA_SteerRatio_Uls_f32	67.8080902	
C_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
C_TrqLOA_Wheelbase_M_f32	16.3749599	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158
t2_TrqLOA_DiffGainY_UIs_u1p15[1][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124 12780
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2] t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158
t2 TrqLOA DiffGainY Uls u1p15[3][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[4][2]	12780
t2_TrqLOA_DiffGainY_UIs_u1p15[4][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	32768
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	32768
t2_TrqLOA_DiffGainY_UIs_u1p15[6][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107
t_TrqLOA_DiffGainX_G_u2p14[0]	14090
t_TrqLOA_DiffGainX_G_u2p14[1]	15073
t_TrqLOA_DiffGainX_G_u2p14[2]	17039
t_TrqLOA_DiffGainX_G_u2p14[3]	22938
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	9920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	10240 10560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	10880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	11200
t TrqLOA_HighSpeedTrqBlend Y Uls u1p15[0]	6554
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[1]	9830
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	12288
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	20480
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	22528
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20070
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	25805
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	27443
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	32768
t_TrqLOA_Y_(schu40c00)	30720
t_TrqLOA_X_Kph_u10p6[0]	14912
t_TrqLOA_X_Kph_u10p6[1]	14976
t_TrqLOA_X_Kph_u10p6[2]	15040
t_TrqLOA_X_Kph_u10p6[3]	15104
t_TrqLOA_X_Kph_u10p6[4]	15168 15232
t_TrqLOA_X_Kph_u10p6[5] t_TrqLOA_X_Kph_u10p6[6]	15232 15296
t_TrqLOA_X_Kph_u10p6[7]	15360
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc





Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos	s_HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAA	/ail_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOAC	md_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSp	eedValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSp	eed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-3.39964104		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1328.40686		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-230.84993		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	264.080994		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.905993879	0.905993879	✓
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.582307339	0.582307398 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.787144184	0.787144184 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	~
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	✓

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA LatAccScaleFactor Uls M f32	1	
TrqLOA LatAccelSV g M Str.SV Uls f32	0.10000001	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0790000036	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	3.91868973	
TrqLOA_Goalcamit riqoma_mitrini_m_io2	6.5	
TrqLOA_TrgBasedScaleFactor Uls M f32	-0.907211721	
<pre><_TrqLOA_AbsAssistThreshold_MtrNm_f32</pre>	9.06250286	
TrqLOA_AbsVelThreshold_MtrRadpS_f32	156.679932	
TrqLOA_biffScaleRateLimiterFalling UlspS f32	-0.0322552323	
<pre><_TrqLOA_DiffScaleRateLimiterFailing_UlspS_f32</pre>	29.8183842	
TrqLOA_FallingRampRate_UlspS_f32	-878.769714	
TrqLOA_railingRampRate_UispS_i32 TrqLOA_LatAccConversionFactor_UIs_f32	10	
	8.42664528	
<pre><_TrqLOA_LimOutput_MtrNm_f32 <_TrqLOA_MaxScaleFactor_Uls_f32</pre>	8.42604528	
	0.929057002	
<pre><_TrqLOA_MinScaleFactor_Uls_f32</pre> < TrqLOA_NomDrvTrq_MtrNm_f32	1.06529593	
TrqLOA_NonDivTrq_MiNIII_132 TrqLOA_RisingRampRate_UlspS_f32	906.051819	
_ , _ , _ , _	66.7969742	
<_TrqLOA_SteerRatio_Uls_f32 <_TrqLOA_UndersteerCrad_RadaC_f33	0.7909742	
<pre>c_TrqLOA_UndersteerGrad_RadpG_f32</pre>	1.63229978	
	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	1 11	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039	
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661	
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763	

@ Report created by TESSY V3.2.5, report template V2.4

2015-06-23, 13:48:37+0530

TrqLOA_Per1



Nama	Innert Males		
Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	17039		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	19661		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661		
t_TrqLOA_DiffGainX_G_u2p14[0]	15892		
t_TrqLOA_DiffGainX_G_u2p14[1]	16876		
t_TrqLOA_DiffGainX_G_u2p14[2]	19169		
t_TrqLOA_DiffGainX_G_u2p14[3]	26214		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	11520		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	11840		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	12160		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	12480		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	12800		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011		
	12288		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	13107		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	28262		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	33997		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	31539		
t_TrqLOA_X_Kph_u10p6[0]	15424		
t_TrqLOA_X_Kph_u10p6[1]	15488		
t_TrqLOA_X_Kph_u10p6[2]	15552		
t_TrqLOA_X_Kph_u10p6[3]	15616		
t_TrqLOA_X_Kph_u10p6[4]	15680		
t_TrqLOA_X_Kph_u10p6[5]	15744		
t_TrqLOA_X_Kph_u10p6[6]	15808		
t_TrqLOA_X_Kph_u10p6[7]	15872		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwhee	Authority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp	SecSq f32	
target Rte Inst Ap TrgLOA.TrgLOA Per1 LatAccelValid Cnt Igc	target TrqLOA Per1 LatAccelVa		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoal	,	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAva		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACm		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target TrqLOA Per1 VehicleSpe		
target Rte Inst Ap TrqLOA.TrqLOA Per1 VehicleSpeed Kph f32	target_TrqLOA_Per1_VehicleSpe		
target TrqLOA Per1 HandwheelAuthority Uls f32.value	0.908415675	.σσ_ημι_ισ <u>ε</u>	
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	5.94108057		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-378.692474		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-589.088501		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	444.934845		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.999935508	0.999935508	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.0436636657	0.0436636731 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.819662869	-0.819662631 ± 0.01	~
TrqLOA_TloaCmd_MtrNm_M_f32	-0.819662869	-0.819662631 ± 0.01	✓
	0.904892027	0.904891908 ± 0.01	~
TrqLOA_TrqBasedScaleFactor_Uls_M_f32			
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓





Test Step 2.132 (Repeat Count = 1)	✓
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	1
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.150000006
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0794999972
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	3.47269344
TrqLOA_TloaCmd_MtrNm_M_f32	7
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.882734537
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	9.65194321
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32 k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	300.425354 -71.5873337
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	39.3758888
k_TrqLOA_FallingRampRate_UlspS_f32	-364.970367
k_TrqLOA_LatAccConversionFactor_Uls_f32	0.3057895
k_TrqLOA_LimOutput_MtrNm_f32	8.80000019
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	7.25052118
k_TrqLOA_RisingRampRate_UlspS_f32	768.279846
k_TrqLOA_SteerRatio_UIs_f32	61.6943359
k_TrqLOA_UndersteerGrad_RadpG_f32 k_TrqLOA_Wheelbase_M_f32	0.25 13.6526098
k_IrqLOA_wheelbase_m_f32 t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13.6526098
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1] t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	19333 21299
t2_TrqLOA_DiliGainY_Uls_u1p15[2][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[3][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3] t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	26214 17367
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367
t2_TrqLOA_DiffGainY_UIs_u1p15[6][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	0
t2_TrqLOA_DiffGainY_UIs_u1p15[7][1]	0
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	0 0
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3] t_TrqLOA_DiffGainX_G_u2p14[0]	17695
t_TrqLOA_DiffGainX_G_u2p14[1]	18678
t_TrqLOA_DiffGainX_G_u2p14[1]	21299
t_TrqLOA_DiffGainX_G_u2p14[3]	29491
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	13120
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	13440
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	13760
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	14080
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	14400
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107 16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	13926		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	22938		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	24166		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	27443		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	29082		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	35226		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	32358		
t_TrqLOA_X_Kph_u10p6[0]	15936		
t_TrqLOA_X_Kph_u10p6[1]	16000		
t_TrqLOA_X_Kph_u10p6[2]	16064		
t_TrqLOA_X_Kph_u10p6[3]	16128		
t_TrqLOA_X_Kph_u10p6[4]	16192		
t_TrqLOA_X_Kph_u10p6[5]	16256		
t_TrqLOA_X_Kph_u10p6[6]	16320		
t_TrqLOA_X_Kph_u10p6[7]	16384		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwhee	elAuthority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_M	lpSecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target TrqLOA Per1 LatAccelValid Cnt Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoa	aMtgtnEn_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOAC	md_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSp	peedValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSp	peed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.71404624		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	9.61758518		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1498.15515		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	752.728455		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	492.217041		
Name	Actual Value	Expected Value	Result
TrgLOA LatAccScaleFactor UIs M f32	0.856825352	0.856825352	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.203905731	0.203905731 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	
TrgLOA TloaCmd MtrNm M f32	0	0 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01	
target TrqLOA Per1 TrqLOAAvail Cnt Igc.value	0	0	
target TrqLOA Per1 TrqLOACmd MtrNm f32.value	0	0 ± 0.01	

Name	Input Value	
Rte Inst Ap TrqLOA	target Rte Inst Ap TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.210974574	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.20000003	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.079999982	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	3.13845325	
TrqLOA_TloaCmd_MtrNm_M_f32	7.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	2.2057054	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	420.948761	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-46.0566826	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	64.0082474	
k_TrqLOA_FallingRampRate_UlspS_f32	-766.130188	
k_TrqLOA_LatAccConversionFactor_Uls_f32	5.03221798	
k_TrqLOA_LimOutput_MtrNm_f32	8.80000019	
k_TrqLOA_MaxScaleFactor_Uls_f32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	0.0404216051	
k_TrqLOA_NomDrvTrq_MtrNm_f32	5.75811481	
k_TrqLOA_RisingRampRate_UlspS_f32	253.850082	
k_TrqLOA_SteerRatio_Uls_f32	70.1602173	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	16.5584469	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655	





Name	Input Value
t2_TrqLOA_DiffGainY_UIs_u1p15[0][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3] t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6226 655
t2_TrqLOA_DiriGainY_Uls_u1p15[2][1]	2458
t2 TrqLOA DiffGainY Uls u1p15[2][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[3][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226 655
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0] t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458
t2_TrqLOA_DiliGainY_Uls_u1p15[5][1] t2_TrqLOA_DiliGainY_Uls_u1p15[5][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	32768
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	32768
t_TrqLOA_DiffGainX_G_u2p14[0]	328
t_TrqLOA_DiffGainX_G_u2p14[1]	1229 2458
t_TrqLOA_DiffGainX_G_u2p14[2] t_TrqLOA_DiffGainX_G_u2p14[3]	3113
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	14720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	15040
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	15360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	15680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	16000
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661 36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4096
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	8192
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	14336
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	15974
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	17613 19251
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	20480
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	22528
t_TrqLOA_X_Kph_u10p6[0]	16448
t_TrqLOA_X_Kph_u10p6[1]	16512
t_TrqLOA_X_Kph_u10p6[2]	16576
t_TrqLOA_X_Kph_u10p6[3]	16640
t_TrqLOA_X_Kph_u10p6[4]	16704
t_TrqLOA_X_Kph_u10p6[5]	16768
t_TrqLOA_X_Kph_u10p6[6]	16832
t_TrqLOA_X_Kph_u10p6[7]	16896
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
tornet Die last An Trai OA Tari OA Darid Latha 14 C C CCC	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value





-0.227853209 ± 0.01

Name	Input Value		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPo	s_HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAA	vail_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOAC	md_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSp	eedValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSp	peed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.299962163		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	1.92956245		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-578.120789		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-697.338623		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	468.839203		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.338991076	0.338991076	✓
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.130536705		
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.227853045 -0.227853209 ± 0.01		
TrqLOA_TloaCmd_MtrNm_M_f32	-0.227853045	-0.227853209 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.467739582	0.467739671 ± 0.01	✓
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓

-0.227853045

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA LatAccScaleFactor Uls M f32	0.251682043	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.25	
TrqLOA LatAccelSV g M Str.K Uls f32	0.0804999992	
TrqLOA ScaledMtrTrqCmd MtrNm M f32	7.99536085	
TrqLOA_TloaCmd_MtrNm_M_f32	8	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.84285891	
<pre><_TrqLOA_AbsAssistThreshold_MtrNm_f32</pre>	2.39067173	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	844.036987	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-16.0573845	
k TrgLOA DiffScaleRateLimiterRising UlspS f32	76.3840561	
k TrgLOA FallingRampRate UlspS f32	-543.427917	
k TrgLOA_r allingreampreae_oispo_isz	10	
k_TrqLOA_LimOutput_MtrNm_f32	6.49614382	
k_TrqLOA_LiniOutput_MuMin_i32 k_TrqLOA_MaxScaleFactor_Uls_f32	1	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	7.43302631	
<pre><_frqLOA_RisingRampRate_UlspS_f32</pre>	513.813843	
<pre><_frqLOA_steerRatio_Uls_f32</pre>	59.0387001	
k TrqLOA_Gleen\alio_Gls_i32	0.25	
TrqLOA_UndersteerGrad_NaupG_I32 TrqLOA Wheelbase M f32	2.40938735	
2 TrqLOA DiffGainY Uls u1p15[0][0]	6554	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0] t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1] t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	9503	
	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]		
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554	
2_TrqLOA_DiffGainY_UIs_u1p15[2][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503 9830	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]		
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554 8192	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]		
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	9830	
12_TrqLOA_DiffGainY_Uls_u1p15[5][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192	
12_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830	
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	6554	

@ Report created by TESSY V3.2.5, report template V2.4





Name	Input Value			
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192			
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503			
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830			
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763			
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729			
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039			
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	19661 3277			
t_TrqLOA_DiffGainX_G_u2p14[0] t_TrqLOA_DiffGainX_G_u2p14[1]	4096			
t TrgLOA DiffGainX G u2p14[1]	4751			
t_TrqLOA_DiffGainX_G_u2p14[3]	4915			
t TrqLOA HighSpeedTrqBlend X Kph u10p6[0]	16320			
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	16640			
t TrqLOA HighSpeedTrqBlend X Kph u10p6[2]	16960			
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	17280			
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	17600			
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554			
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830			
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107			
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384			
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621 61030			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4915			
t TrqLOA TempTrqCmdSatYTbl_MtrNm_u4p12[1]	9421			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15155			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16384			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	18432			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20070			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	21709			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	23347			
t_TrqLOA_X_Kph_u10p6[0]	16960			
t_TrqLOA_X_Kph_u10p6[1]	17024			
t_TrqLOA_X_Kph_u10p6[2]	17088			
t_TrqLOA_X_Kph_u10p6[3]	17152			
t_TrqLOA_X_Kph_u10p6[4]	17216			
t_TrqLOA_X_Kph_u10p6[5]	17280			
t_TrqLOA_X_Kph_u10p6[6]	17344			
t_TrqLOA_X_Kph_u10p6[7]	17408	AAb		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwheel/ target_TrqLOA_Per1_LatAcc_MpS			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAcc_Mps	-		
target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_LatAccervalid_Crit_igc target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Crit_igc	target TrqLOA_Per1_LatAcceival			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_	· ·		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_l			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target TrqLOA Per1 TrqLOAAvai			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmo			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpee			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee			
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-7.34334469			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1			
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-274.225433			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-196.351166			
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	151.566467			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.299987793	0.299987793	•	
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.212130412	0.212130412 ± 0.01	•	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•	
	0	0 ± 0.01	•	
TrqLOA_TloaCmd_MtrNm_M_f32	0.045004004	0.04500465: 5.5:		
TrqLOA_Tloacmd_mtrnm_m_rsz TrqLOA_TrqBasedScaleFactor_Uls_M_f32 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	-0.815231204 0	-0.815231204 ± 0.01	•	





Test Step 2.135 (Repeat Count = 1)	Innué Value
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32 TrqLOA_LatAcceISV_g_M_Str.SV_Uls_f32	1 0.30000012
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0810000002
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	3.94957662
TrqLOA_TloaCmd_MtrNm_M_f32	0
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.66605556
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	9.85951519
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	911.98468
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-53.3915215
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	51.8754578
k_TrqLOA_FallingRampRate_UlspS_f32	-584.015686
k_TrqLOA_LatAccConversionFactor_Uls_f32	9.2230463
k_TrqLOA_LimOutput_MtrNm_f32	0
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32 k_TrqLOA_NomDrvTrq_MtrNm_f32	2.85271311
k_TrqLOA_Normaliving_wathin_i32	768.586548
k_TrqLOA_SteerRatio_Uls_f32	68.3248825
k TrqLOA UndersteerGrad RadpG f32	0.25
k_TrqLOA_Wheelbase_M_f32	13.7449617
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124 12780
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2] t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124
t2_TrqLOA_DiffGainY_UIs_u1p15[3][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3] t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13107 10158
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107
t_TrqLOA_DiffGainX_G_u2p14[0]	5079
t_TrqLOA_DiffGainX_G_u2p14[1]	6062
t_TrqLOA_DiffGainX_G_u2p14[2]	6390
t_TrqLOA_DiffGainX_G_u2p14[3]	6554
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	14720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	15040 15360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	15360 15680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	16000
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	5734		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	10650		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15974		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16794		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	22938		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24166		
t_TrqLOA_X_Kph_u10p6[0]	17472		
t_TrqLOA_X_Kph_u10p6[1]	17536		
t_TrqLOA_X_Kph_u10p6[2]	17600		
t_TrqLOA_X_Kph_u10p6[3]	17664		
t_TrqLOA_X_Kph_u10p6[4]	17728		
t_TrqLOA_X_Kph_u10p6[5]	17792		
t_TrqLOA_X_Kph_u10p6[6]	17856		
t_TrqLOA_X_Kph_u10p6[7]	17920		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_N	lpSecSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPo	s_HwDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAA	vail_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOAC	md_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSp	peedValid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSp	peed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-4.5761981		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1625.71875		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	218.515076		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	313.603424		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.893216968	0.893216968	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.292585343	0.292585343 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	

Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.34999994	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0815000013	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-7.3503871	
TrqLOA_TloaCmd_MtrNm_M_f32	0.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.32315111	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	6.69425678	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	637.941956	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-4.69287825	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	81.2322464	
k_TrqLOA_FallingRampRate_UlspS_f32	-405.371887	
<pre><_TrqLOA_LatAccConversionFactor_Uls_f32</pre>	0.397788286	
<_TrqLOA_LimOutput_MtrNm_f32	8.80000019	
<pre><_TrqLOA_MaxScaleFactor_Uls_f32</pre>	0.661162853	
<pre><_TrqLOA_MinScaleFactor_Uls_f32</pre>	1	
<_TrqLOA_NomDrvTrq_MtrNm_f32	8.80000019	
<pre><_TrqLOA_RisingRampRate_UlspS_f32</pre>	341.213867	
C_TrqLOA_SteerRatio_Uls_f32	56.4514389	
C_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	10.2917967	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	13763	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	15729
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	13763
t2_TrqLOA_DiffGainY_UIs_u1p15[1][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	15729 17039
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2] t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	19661
t2_TrqLOA_DiriGainY_UIs_u1p15[3][0]	13763
t2 TrqLOA DiffGainY Uls u1p15[3][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	15729
t2_TrqLOA_DiffGainY_UIs_u1p15[4][2]	17039
t2_TrqLOA_DiffGainY_UIs_u1p15[4][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	15729
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	19661
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	13763
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	15729
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	17039
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	19661
t_TrqLOA_DiffGainX_G_u2p14[0]	6881
t_TrqLOA_DiffGainX_G_u2p14[1]	7864
t_TrqLOA_DiffGainX_G_u2p14[2]	8520
t_TrqLOA_DiffGainX_G_u2p14[3]	9830
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	16320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	16640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	16960 17280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	17600
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t TrqLOA LatAccGain Y MtrNmpG u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	6554
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	11878
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	16794
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17203
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20070
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	21709
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	24166
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24986
t_TrqLOA_X_Kph_u10p6[0]	17984
t_TrqLOA_X_Kph_u10p6[1]	18048
t_TrqLOA_X_Kph_u10p6[2]	18112
t_TrqLOA_X_Kph_u10p6[3]	18176
t_TrqLOA_X_Kph_u10p6[4]	18240
t_TrqLOA_X_Kph_u10p6[5]	18304
t_TrqLOA_X_Kph_u10p6[6]	18368
t_TrqLOA_X_Kph_u10p6[7]	18432
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32
	Transport TIQLOM FOLL LARMOO INDUCTION TO
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc

2015-06-23, 13:48:37+0530





Name	Input Value			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAv	/ail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACı	md_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSp	eedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSp	eed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	8.46458626			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1			
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1497.62024			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	98.8682098			
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	372.836304			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.990614235	0.990614235	~	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.33107844	0.33107844 ± 0.01	✓	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.640723348	-0.640723348 ± 0.01	~	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	~	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	✓	

Test Step 2.137 (Repeat Count = 1) Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA LatAccScaleFactor UIs M f32	1
TrqLOA LatAccelSV g M Str.SV Uls f32	0.40000006
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0820000023
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-1.95104527
TrqLOA_Goalcumii Trqoma_mii Trn_io2	1
TrqLOA_TrgBasedScaleFactor Uls M f32	-1.5306412
<pre><_TrqLOA_AbsAssistThreshold_MtrNm_f32</pre>	4.52871656
k TrgLOA AbsVelThreshold MtrRadpS f32	857.356201
TrqLOA_biffScaleRateLimiterFalling UlspS f32	-42.9399986
<pre><_TrqLOA_DiffScaleRateLimiterFailing_UlspS_f32</pre>	43.6063995
	-924.257385
k_TrqLOA_FallingRampRate_UlspS_f32	
k_TrqLOA_LatAccConversionFactor_Uls_f32	10
k_TrqLOA_LimOutput_MtrNm_f32	8.10000038 1
k_TrqLOA_MaxScaleFactor_Uls_f32	
k_TrqLOA_MinScaleFactor_Uls_f32	1
K_TrqLOA_NomDrvTrq_MtrNm_f32	6.53715372
<_TrqLOA_RisingRampRate_UlspS_f32	299.682953
x_TrqLOA_SteerRatio_Uls_f32	12.8664446
x_TrqLOA_UndersteerGrad_RadpG_f32	0.25
C_TrqLOA_Wheelbase_M_f32	14.8343668
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	21299
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	26214
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	21299
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	26214
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	19333
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	21299
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
2 TrqLOA DiffGainY Uls u1p15[4][2]	21299
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367
© Report created by TESSY V3.2.5, report template V2.4	

 $\ensuremath{\texttt{©}}$ Report created by TESSY V3.2.5, report template V2.4

2015-06-23, 13:48:37+0530





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299		
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333		
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	21299		
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214		
t_TrqLOA_DiffGainX_G_u2p14[0]	8684		
t_TrqLOA_DiffGainX_G_u2p14[1]	9667		
t_TrqLOA_DiffGainX_G_u2p14[2]	10650		
t_TrqLOA_DiffGainX_G_u2p14[3]	13107 17920		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0] t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	18240		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	18560		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	18880		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	19200		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	7373		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	13107		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	17613		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17613		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	22528		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	25395		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	25805		
t_TrqLOA_X_Kph_u10p6[0]	18496		
t_TrqLOA_X_Kph_u10p6[1]	18560		
t_TrqLOA_X_Kph_u10p6[2]	18624 18688		
t_TrqLOA_X_Kph_u10p6[3]	18752		
t_TrqLOA_X_Kph_u10p6[4] t_TrqLOA_X_Kph_u10p6[5]	18816		
t_TrqLOA_X_Kph_u10p6[6]	18880		
t_TrqLOA_X_Kph_u10p6[7]	18944		
target Rte Inst Ap TrqLOA.TrqLOA Per1 HandwheelAuthority Uls f32	target_TrqLOA_Per1_HandwheelA	Authority I lls f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_Mp8		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target TrgLOA Per1 LatAccelVal		
target Rte Inst Ap TrqLOA.TrqLOA Per1 MotAgLoaMtgtnEn Cnt Igc	target TrgLOA Per1 MotAqLoaM	0	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target TrqLOA Per1 MtrVelCRF	· ·	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_l	HwDeg f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvai		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmo	d_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpee		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	ed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.179282784		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	3.75306058		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1672.7135		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	459.640747		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	447.106415		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.914120018	0.914120018	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.564272463	0.564272463 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.931275249	-0.931275189 ± 0.01	·
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	•



Test Step 2.138 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	1
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.449999988
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0125000002
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-8.20992279
TrqLOA_TloaCmd_MtrNm_M_f32	1.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.30465853
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	6.82178497
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	443.192719 -5.55758905
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32 k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	49.3378868
k_TrqLOA_FallingRampRate_UlspS_f32	-982.800964
k_TrqLOA_LatAccConversionFactor_Uls_f32	2.51905036
k_TrqLOA_LimOutput_MtrNm_f32	7.80701733
k_TrqLOA_MaxScaleFactor_Uls_f32	0.465555906
k_TrqLOA_MinScaleFactor_Uls_f32	0.111157894
k_TrqLOA_NomDrvTrq_MtrNm_f32	2.3324821
k_TrqLOA_RisingRampRate_UlspS_f32	328.660156
k_TrqLOA_SteerRatio_UIs_f32	74.9874039
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32 t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	7.12618113 655
t2 TrqLOA DiffGainY Uls u1p15[0][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915 6226
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3] t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[3][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[5][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2] t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	4915 6226
t2 TrgLOA DiffGainY Uls u1p15[6][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[6][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	6226
t_TrqLOA_DiffGainX_G_u2p14[0]	10486
t_TrqLOA_DiffGainX_G_u2p14[1] t_TrqLOA_DiffGainX_G_u2p14[2]	11469 12780
t_TrqLOA_DiffGainX_G_u2p14[2] t_TrqLOA_DiffGainX_G_u2p14[3]	16384
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	14720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	15040
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	15360
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	15680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	16000
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661 53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934
	(





Name	Input Value		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	8192		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	14336		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	18432		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18022		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	26624		
t_TrqLOA_X_Kph_u10p6[0]	19008		
t_TrqLOA_X_Kph_u10p6[1]	19072		
t_TrqLOA_X_Kph_u10p6[2]	19136		
t_TrqLOA_X_Kph_u10p6[3]	19200		
t_TrqLOA_X_Kph_u10p6[4]	19264		
t_TrqLOA_X_Kph_u10p6[5]	19328		
t_TrqLOA_X_Kph_u10p6[6]	19392		
t_TrqLOA_X_Kph_u10p6[7]	19456		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAu	thority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSe	cSq_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_Hv	wDeg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_	Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_	MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeed	Valid_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed	_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-2.65734434		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	269.040253		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-753.235291		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	460.389832		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.988884807	0.988884807	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.435756564	0.435756564 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.42870152	-0.42870155 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	-0.42870152	-0.42870155 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.111157894	0.111157894 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	-0.42870152	-0.42870155 ± 0.01	

Name	Input Value	
Rte Inst Ap TrqLOA	target Rte Inst Ap TrqLOA	
TrqLOA LatAccScaleFactor Uls M f32	0.479095101	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.5	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.714999974	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	2.836766	
TrqLOA_TloaCmd_MtrNm_M_f32	2	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	9.11573696	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	640.632874	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-18.1904697	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	19.0191021	
k_TrqLOA_FallingRampRate_UlspS_f32	-278.38269	
k_TrqLOA_LatAccConversionFactor_Uls_f32	0.360343367	
k_TrqLOA_LimOutput_MtrNm_f32	4.73701429	
k_TrqLOA_MaxScaleFactor_Uls_f32	0.513206601	
k_TrqLOA_MinScaleFactor_Uls_f32	1	
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.80000019	
k_TrqLOA_RisingRampRate_UlspS_f32	716.262695	
k_TrqLOA_SteerRatio_Uls_f32	13.2766314	
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
k_TrqLOA_Wheelbase_M_f32	6.08591223	
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554	





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192
t2 TrqLOA DiffGainY Uls u1p15[0][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830 6554
t2_TrqLOA_DiffGainY_UIs_u1p15[4][0]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1] t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503
t2_TrqLOA_DilfGainY_Uls_u1p15[4][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	6554
t2 TrqLOA DiffGainY Uls u1p15[5][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830
t2 TrqLOA DiffGainY Uls u1p15[6][0]	6554
t2_TrqLOA_DiffGainY_UIs_u1p15[6][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	9503
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	9830
t_TrqLOA_DiffGainX_G_u2p14[0]	12288
t_TrqLOA_DiffGainX_G_u2p14[1]	13271
t_TrqLOA_DiffGainX_G_u2p14[2]	14909
t_TrqLOA_DiffGainX_G_u2p14[3]	19661
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	16320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	16640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	16960
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	17280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	17600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t TrqLOA HighSpeedTrqBlend Y Uls u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011
t TrqLOA LatAccGain Y MtrNmpG u4p12[4]	12288
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107
t TrqLOA LatAccGain Y MtrNmpG u4p12[6]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9011
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	15565
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	19251
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18432
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	22528
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24166
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	27853
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	27443
t_TrqLOA_X_Kph_u10p6[0]	19520
t_TrqLOA_X_Kph_u10p6[1]	19584
t_TrqLOA_X_Kph_u10p6[2]	19648
t_TrqLOA_X_Kph_u10p6[3]	19712
t_TrqLOA_X_Kph_u10p6[4]	19776
t_TrqLOA_X_Kph_u10p6[5]	19840
t_TrqLOA_X_Kph_u10p6[6]	19904
t_TrqLOA_X_Kph_u10p6[7]	19968
	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_UIs_f32	target Trol OA Peri LatAcc MnSecsa 52
target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthonty_Ois_is2 target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32 target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAcc_MpSecSq_f32 target_TrqLOA_Per1_LatAccelValid_Cnt_lgc

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value





Name	Input Value			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_H	lwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail	_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd	_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpee	dValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpee	d_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.803684115			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-1.85368073			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1			
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-136.57225	-136.57225		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-349.744446			
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	320.258331			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.442714155	0.442714155	~	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	-1.13392997	-1.13392997 ± 0.01	✓	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.44323468	1.44323468 ± 0.01	•	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	~	

0

0 ± 0.01

lame	Input Value	
te_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
rgLOA LatAccScaleFactor UIs M f32	0.248834133	
rqLOA LatAccelSV g M Str.SV UIs f32	0.550000012	
rqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.5	
rqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	1.02403057	
rqLOA TloaCmd MtrNm M f32	1	
rqLOA_rrqBasedScaleFactor_Uls_M_f32	-0.991099596	
_TrqLOA_AbsAssistThreshold_MtrNm_f32	7.02691031	
TrgLOA AbsVelThreshold MtrRadpS f32	117.90097	
TrgLOA DiffScaleRateLimiterFalling UlspS f32	-83.1473618	
_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	42,0359383	
	-36.5625839	
_TrqLOA_fallingRampRate_UlspS_f32		
_TrqLOA_LatAccConversionFactor_Uls_f32	6.11463165	
_TrqLOA_LimOutput_MtrNm_f32	6.10116196	
_TrqLOA_MaxScaleFactor_Uls_f32	·	
_TrqLOA_MinScaleFactor_UIs_f32	0.183480024	
_TrqLOA_NomDrvTrq_MtrNm_f32	8.8000019	
_TrqLOA_RisingRampRate_UlspS_f32	569.790222	
_TrqLOA_SteerRatio_Uls_f32	68.2026367	
_TrqLOA_UndersteerGrad_RadpG_f32	0.0847294927	
_TrqLOA_Wheelbase_M_f32	18.9199467	
?_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158	
?_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124	
?_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780	
?_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107	
P_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158	
!_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124	
!_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780	
P_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107	
P_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158	
P_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124	
P_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780	
P_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107	
P_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158	
P_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124	
P_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780	
P_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107	
P_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158	
P_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124	
P_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780	
TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107	
TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158	
P_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124	
P_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780	
P_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107	
P_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158	

@ Report created by TESSY V3.2.5, report template V2.4

2015-06-23, 13:48:37+0530





No	L. AMALA			
Name	Input Value			
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124			
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780			
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107			
t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	10158			
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124			
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780			
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107			
t_TrqLOA_DiffGainX_G_u2p14[0]	14090			
t TrqLOA DiffGainX G u2p14[1]	15073			
t TrqLOA DiffGainX G u2p14[2]	17039			
t_TrqLOA_DiffGainX_G_u2p14[3]	22938			
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	17920			
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	18240			
t TrqLOA HighSpeedTrqBlend X Kph u10p6[2]	18560			
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	18880			
	19200			
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]				
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554			
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830			
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107			
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384			
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491			
t TrqLOA LatAccGain Y MtrNmpG u4p12[6]	32768			
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9830			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	16794			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	20070			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18842			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	23347			
	24986			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]				
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	29082			
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	28262			
t_TrqLOA_X_Kph_u10p6[0]	20032			
t_TrqLOA_X_Kph_u10p6[1]	20096			
t_TrqLOA_X_Kph_u10p6[2]	20160			
t_TrqLOA_X_Kph_u10p6[3]	20224			
t_TrqLOA_X_Kph_u10p6[4]	20288			
t_TrqLOA_X_Kph_u10p6[5]	20352			
t_TrqLOA_X_Kph_u10p6[6]	20416			
t_TrqLOA_X_Kph_u10p6[7]	20480			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgti	_,		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_Mt			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_Hw	. –		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_TrqLOACriid_MilNiN_IS2 target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32				
target_Rte_inst_Ap_indLoA.indLoA_Peri_veriideSpeed_Rpii_isz target_TrqLOA_Peri_HandwheelAuthority_Uls_f32.value	target_TrqLOA_Per1_VehicleSpeed_Kph_f32			
· · · · · · · · · · · · · · · · · · ·	0.923748732			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-2.79451799			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0			
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	676.599976			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-984.367676			
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	241.496582			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.332906008	0.332906008	~	
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	-0.724869788	-0.724869788 ± 0.01	✓	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-0.0118510947	-0.0118510956 ± 0.01	~	
TrqLOA_TloaCmd_MtrNm_M_f32	-0.0118510947	-0.0118510956 ± 0.01	✓	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.148480892	0.148480892 ± 0.01	~	
target TrqLOA Per1 TrqLOAAvail Cnt Igc.value	0	0	•	
	T	[*		

-0.0118510947

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value

-0.0118510956 ± 0.01



Test Case 3: Path Test

Specification

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

CPU Cycles:

TS3.1 730 Cycles
TS3.2 833 Cycles
TS3.3 717 Cycles
TS3.4 716 Cycles
TS3.5 719 Cycles
TS3.6 668 Cycles
TS3.7 725 Cycles
TS3.8 734 Cycles
TS3.9 741 Cycles
TS3.10 725 Cycles
TS3.11 793 Cycles
TS3.12 729 Cycles

Description

Vector Description:

TS3.1(NomDrvTrq_MtrNm_T_f32 > k_TrqLOA_NomDrvTrq_MtrNm_f32)=TRUE
TS3.2(NomDrvTrq_MtrNm_T_f32 > k_TrqLOA_NomDrvTrq_MtrNm_f32)=TRUE
TS3.3"(NomDrvTrq_MtrNm_T_f32 > k_TrqLOA_NomDrvTrq_MtrNm_f32)=FALSE
(NomDrvTrq_MtrNm_T_f32 < (-k_TrqLOA_NomDrvTrq_MtrNm_f32)=FALSE"
TS3.4"(NomDrvTrq_MtrNm_T_f32 > k_TrqLOA_NomDrvTrq_MtrNm_f32)=FALSE
(NomDrvTrq_MtrNm_T_f32 < (-k_TrqLOA_NomDrvTrq_MtrNm_f32)=FALSE"
TS3.5(NomDrvTrq_MtrNm_T_f32 > k_TrqLOA_NomDrvTrq_MtrNm_f32)=FALSE"
TS3.5(NomDrvTrq_MtrNm_T_f32 > k_TrqLOA_NomDrvTrq_MtrNm_f32)=FALSE
(NomDrvTrq_MtrNm_T_f32 > k_TrqLOA_NomDrvTrq_MtrNm_f32)=FALSE

Test Step 3.1 (Repeat Count = 1)	✓
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.985183835
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.100000001
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0130000003
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-5.7119751
TrqLOA_TloaCmd_MtrNm_M_f32	-8
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.970122039
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.60568953
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	135.044952
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-98.6264648
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	27.9837322
k_TrqLOA_FallingRampRate_UlspS_f32	-285.769348
k_TrqLOA_LatAccConversionFactor_Uls_f32	5.11622667
k_TrqLOA_LimOutput_MtrNm_f32	2.05712366
k_TrqLOA_MaxScaleFactor_Uls_f32	0.47853148
k_TrqLOA_MinScaleFactor_Uls_f32	0.21500051
k_TrqLOA_NomDrvTrq_MtrNm_f32	2.11723351
k_TrqLOA_RisingRampRate_UlspS_f32	775.606445
k_TrqLOA_SteerRatio_Uls_f32	27.0728893
k_TrqLOA_UndersteerGrad_RadpG_f32	0.0683564693
k_TrqLOA_Wheelbase_M_f32	20
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[0][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[1][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[2][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[2][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655





Name	Input Value		
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458		
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915		
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226		
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655		
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458		
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	4915		
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226		
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655		
2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458		
2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915		
2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226		
2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655		
2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	2458		
2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915		
2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	6226		
t_TrqLOA_DiffGainX_G_u2p14[0]	328		
t_TrqLOA_DiffGainX_G_u2p14[1]	1229		
t_TrqLOA_DiffGainX_G_u2p14[2]	2458		
:_TrqLOA_DiffGainX_G_u2p14[3]	3113		
_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	320		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	640		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	960		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	1280		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	1600		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4096		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	8192		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	14336		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	15974		
t TrgLOA TempTrgCmdSatYTbl MtrNm u4p12[4]	17613		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	19251		
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[6]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	22528		
t_TrqLOA_X_Kph_u10p6[0]	64		
t_TrqLOA_X_Kph_u10p6[1]	128		
t_TrqLOA_X_Kph_u10p6[2]	192		
t_TrqLOA_X_Kph_u10p6[3]	256		
	320		
t_TrqLOA_X_Kph_u10p6[4] t_TrqLOA_X_Kph_u10p6[5]	384		
	448		
:_TrqLOA_X_Kph_u10p6[6]			
:_TrqLOA_X_Kph_u10p6[7]	512	and Authority I lin 500	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwh		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAcce		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgL		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelC	- ' -	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOA		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOA		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_Vehicle	·	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_Vehicle	Speed_Kph_f32	
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-0.205600679		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1986.76208		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	290.911285		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	392.295563		
	Actual Value	Expected Value	Descri
Name	Actual value	EXDECTED VAILE	Resu





Name	Actual Value	Expected Value	Result
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.127424985	0.127424985 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.465865254	0.465865254 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	0.465865254	0.465865254 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.21500051	0.21500051 ± 0.01	✓
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0.465865254	0.465865254 ± 0.01	✓

Test Step 3.2 (Repeat Count = 1)		
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.150000006	
FrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0135000004	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	8.80000019	
FrqLOA_TloaCmd_MtrNm_M_f32	-7.5	
FrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.399481773	
C_TrqLOA_AbsAssistThreshold_MtrNm_f32	9.01481533	
x_TrqLOA_AbsVelThreshold_MtrRadpS_f32	479.457977	
x_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-27.0471287	
x_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	59.5514755	
x_TrqLOA_FallingRampRate_UlspS_f32	-645.648438	
	8.51897812	
C_TrqLOA_LimOutput_MtrNm_f32	1.56783617	
TrqLOA_MaxScaleFactor_Uls_f32	1	
c_TrqLOA_MinScaleFactor_Uls_f32	0.791850328	
x_TrqLOA_NomDrvTrq_MtrNm_f32	8.80000019 618.79248	
c_TrqLOA_RisingRampRate_UlspS_f32		
x_TrqLOA_SteerRatio_Uls_f32	37.3851547	
c_TrqLOA_UndersteerGrad_RadpG_f32 c_TrqLOA_Wheelbase M_f32	0.0208133459 7.83032274	
- ·	6554	
:2_TrqLOA_DiffGainY_Uls_u1p15[0][0] :2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192	
	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2] 2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503	
I2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192	
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503	
12_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830	
2 TrqLOA DiffGainY Uls u1p15[4][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192	
2 TrqLOA DiffGainY Uls u1p15[4][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	9830	
2 TrqLOA DiffGainY Uls u1p15[5][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830	
2 TrqLOA DiffGainY Uls u1p15[6][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830	
2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	6554	
2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192	
2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503	
2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830	
_TrqLOA_DiffGainX_G_u2p14[0]	3277	
_TrqLOA_DiffGainX_G_u2p14[1]	4096	
_TrqLOA_DiffGainX_G_u2p14[2]	4751	
_TrqLOA_DiffGainX_G_u2p14[3]	4915	
_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	1920	
_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	2240	
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	2560	
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	2880	
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	3200	

TrqLOA_Per1

2015-06-23, 13:48:37+0530





Name	Input Value		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	4915		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	9421		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15155		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16384		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	18432		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20070		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	23347		
t_TrqLOA_X_Kph_u10p6[0]	576		
t_TrqLOA_X_Kph_u10p6[1]	640		
t_TrqLOA_X_Kph_u10p6[2]	704		
t_TrqLOA_X_Kph_u10p6[3]	768		
t_TrqLOA_X_Kph_u10p6[4]	832		
t_TrqLOA_X_Kph_u10p6[5]	896		
t_TrqLOA_X_Kph_u10p6[6]	960		
t_TrqLOA_X_Kph_u10p6[7]	1024		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrR	adpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDe	eg_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt	_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_Mtr	Nm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedVali		
target Rte Inst Ap TrqLOA.TrqLOA Per1 VehicleSpeed Kph f32	target TrgLOA Per1 VehicleSpeed Kr		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	0.305431128		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-112.906868		
target TrqLOA Per1 RelHwPos HwDeg f32.value	963.27478		
target TrqLOA Per1 VehicleSpeedValid Cnt Igc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	9.5098877		
Name	Actual Value	Expected Value	Result
TrgLOA LatAccScaleFactor UIs M f32	0.945905745	0.945905745	11000
TrqLOA LatAccelSV q M Str.SV Uls f32	0.148525566	0.148525566 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0.146323300 ± 0.01	
TrqLOA_Scaledwin TrqCritd_withVin_w_is2	0	0 ± 0.01	
TrqLOA_TrgBasedScaleFactor_Uls_M_f32	0.791850328	0.791850328 ± 0.01	
target TrqLOA Per1 TrqLOAAvail Cnt Igc.value	0.791650326	0.791650326 ± 0.01	
target_Tral_OA_Per1_Tral_OACmd_MtrNm_f22_value		0 + 0.01	

Test Step 3.3 (Repeat Count = 1)		✓
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.386923671	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.40000006	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0160000008	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-2.25017142	
TrqLOA_TloaCmd_MtrNm_M_f32	-5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.50114989	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.29628921	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	118.545525	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-97.4050827	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	65.1571655	
k_TrqLOA_FallingRampRate_UlspS_f32	-180.683548	
k_TrqLOA_LatAccConversionFactor_Uls_f32	9.771945	

0

0 ± 0.01

target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value

2015-06-23, 13:48:37+0530



Name	Input Value
k_TrqLOA_LimOutput_MtrNm_f32	0.855211735
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	0.73919785
k_TrqLOA_NomDrvTrq_MtrNm_f32	4.23845387
k_TrqLOA_RisingRampRate_UlspS_f32	282.893677
k_TrqLOA_SteerRatio_Uls_f32	74.9537659
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	6.75685263
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	9503 9830
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3] t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[2][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[5][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503
t2_TrqLOA_DiffGainY_UIs_u1p15[5][3]	9830 6554
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0] t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	6554
t2_TrqLOA_DiffGainY_UIs_u1p15[7][1]	8192
t2 TrqLOA DiffGainY Uls u1p15[7][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830
t_TrqLOA_DiffGainX_G_u2p14[0]	12288
t_TrqLOA_DiffGainX_G_u2p14[1]	13271
t_TrqLOA_DiffGainX_G_u2p14[2]	14909
t_TrqLOA_DiffGainX_G_u2p14[3]	19661
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	9920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	10240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	10560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	10880
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	11200
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1] t TrqLOA HighSpeedTrqBlend Y Uls u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384
t_TrqLOA_ariginspeed frqbierid_f_ois_ufp15[4]	36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t TrqLOA_EaAccGain Y MtrNmpG u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9011
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	15565
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	19251
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18432
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	22528
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24166
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	27853
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	27443
t_TrqLOA_X_Kph_u10p6[0] t_TrqLOA_X_Kph_u10p6[1]	3136 3200
t_TrqLOA_X_Kph_u10p6[1] t_TrqLOA_X_Kph_u10p6[2]	3200
nq_o,,_npn_unopo[z]	OLU 1

2015-06-23, 13:48:37+0530





Name	Input Value		
t_TrqLOA_X_Kph_u10p6[3]	3328		
t_TrqLOA_X_Kph_u10p6[4]	3392	3392	
t_TrqLOA_X_Kph_u10p6[5]	3456		
t_TrqLOA_X_Kph_u10p6[6]	3520		
t_TrqLOA_X_Kph_u10p6[7]	3584		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_	f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_	<u>lgc</u>	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_	_Cnt_lgc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRac	lpS_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg	_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_I	gc	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNr	m_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.0280352831		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-3.22382641		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-442.008911		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	0		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	232.319672		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.299987793	0.299987793	•
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.393600017	0.393599987 ± 0.01	•
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.935362518	-0.935362577 ± 0.01	•
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	-

Name	Input Value	
	· ·	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
FrqLOA_LatAccScaleFactor_Uls_M_f32	1	
FrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.44999988	
FrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0164999999	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	8.80000019	
FrqLOA_TloaCmd_MtrNm_M_f32	-4.5	
rqLOA_TrqBasedScaleFactor_Uls_M_f32	1.39562833	
C_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.50173283	
c_TrqLOA_AbsVelThreshold_MtrRadpS_f32	273.207611	
_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-36.3950081	
c_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	24.804491	
c_TrqLOA_FallingRampRate_UlspS_f32	-524.556824	
<pre>c_TrqLOA_LatAccConversionFactor_Uls_f32</pre>	8.5640192	
C_TrqLOA_LimOutput_MtrNm_f32	3.37794185	
c_TrqLOA_MaxScaleFactor_Uls_f32	0.959547281	
c_TrqLOA_MinScaleFactor_Uls_f32	1	
c_TrqLOA_NomDrvTrq_MtrNm_f32	3.03419685	
_TrqLOA_RisingRampRate_UlspS_f32	12.2064705	
_TrqLOA_SteerRatio_Uls_f32	40.7518044	
c_TrqLOA_UndersteerGrad_RadpG_f32	0.25	
c_TrqLOA_Wheelbase_M_f32	16.9196377	
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	12780	
2 TrqLOA DiffGainY Uls u1p15[0][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124	
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158	
2 TrqLOA DiffGainY Uls u1p15[2][1]	12124	
2 TrqLOA DiffGainY Uls u1p15[2][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107	
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158	
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124	
2 TrqLOA DiffGainY Uls u1p15[3][2]	12780	
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107	

© Report created by TESSY V3.2.5, report template V2.4

2015-06-23, 13:48:37+0530



Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780
t2_TrqLOA_DiffGainY_UIs_u1p15[4][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0] t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	10158 12124
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107
t2 TrqLOA DiffGainY Uls u1p15[6][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2] t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	12780 13107
t_TrqLOA_DiffGainX_G_u2p14[0]	14090
t_TrqLOA_DiffGainX_G_u2p14[1]	15073
t_TrqLOA_DiffGainX_G_u2p14[2]	17039
t_TrqLOA_DiffGainX_G_u2p14[3]	22938
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	11520
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	11840
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	12160
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	12480
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	12800
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0] t TrqLOA HighSpeedTrqBlend Y Uls u1p15[1]	3277 6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6] t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	60621 61030
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	9830
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	16794
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	20070
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18842
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	23347
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24986
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	29082
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	28262
t_TrqLOA_X_Kph_u10p6[0]	3648 3712
t_TrqLOA_X_Kph_u10p6[1] t_TrqLOA_X_Kph_u10p6[2]	3776
t TrqLOA X Kph u10p6[3]	3840
t_TrqLOA_X_Kph_u10p6[4]	3904
t_TrqLOA_X_Kph_u10p6[5]	3968
t_TrqLOA_X_Kph_u10p6[6]	4032
t_TrqLOA_X_Kph_u10p6[7]	4096
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32 target_TrqLOA_Per1_RelHwPos_HwDeg_f32
target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_ReinwPos_nwDeg_isz target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_ReinwPos_nwDeg_152 target_TrqLOA_Per1_TrqLOAAvail_Cnt_Igc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-0.578490138
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1839.10022
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-592
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	265.125061





Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.927209973	0.927209973	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.427665889	0.427663118 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-3.19882917	-3.19882917 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	-3.19882917	-3.19882917 ± 0.01	~
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1	1 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	-3.19882917	-3.19882917 ± 0.01	✓

Test Step 3.5 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	1
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.649999976
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0185000002
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	7.2180357
TrqLOA_TloaCmd_MtrNm_M_f32	-2.5
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.340875268
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	9.84898376
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	846.358887
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-77.936348
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	72.3617096
k_TrqLOA_FallingRampRate_UlspS_f32	-861.899231
k_TrqLOA_LatAccConversionFactor_Uls_f32	7.44272804
k_TrqLOA_LimOutput_MtrNm_f32	1.15138853
k_TrqLOA_MaxScaleFactor_Uls_f32	0.901087523
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	7.09603024
k_TrqLOA_RisingRampRate_UlspS_f32	583.057068
k_TrqLOA_SteerRatio_Uls_f32	28.1238441
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	5.62831402
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	9830
t2_TrqLOA_DiffGainY_UIs_u1p15[2][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	9503
t2_TrqLOA_DiffGainY_UIs_u1p15[3][3]	9830 6554
t2_TrqLOA_DiffGainY_UIs_u1p15[4][0] t2_TrqLOA_DiffGainY_UIs_u1p15[4][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	9503
t2 TrqLOA DiffGainY Uls u1p15[6][3]	9830
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	6554
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	8192
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	9503
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	9830
t_TrqLOA_DiffGainX_G_u2p14[0]	3277
t TrqLOA DiffGainX G u2p14[1]	4096
t_TrqLOA_DiffGainX_G_u2p14[2]	4751
t_TrqLOA_DiffGainX_G_u2p14[3]	4915
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	17920
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	18240
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	18560
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	18880

2015-06-23, 13:48:37+0530





Name	Input Value		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	19200		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	13107		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	21709		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	23347		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	20480		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	26624		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	28262		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	33997		
t TrgLOA TempTrgCmdSatYTbl MtrNm u4p12[7]	31539		
t_TrqLOA_X_Kph_u10p6[0]	5696		
t_TrqLOA_X_Kph_u10p6[1]	5760		
t TrqLOA X Kph u10p6[2]	5824		
t_TrqLOA_X_Kph_u10p6[3]	5888		
t_TrqLOA_X_Kph_u10p6[4]	5952		
t_TrqLOA_X_Kph_u10p6[5]	6016		
t_TrqLOA_X_Kph_u10p6[6]	6080		
t TrgLOA X Kph u10p6[7]	6144		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSe		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_IrqLOA_Per1_LatAcceivalid_Cnt_lgc target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_IrqLOA_Peri_motAgLoaMigtnEn_Cht_igc target_TrqLOA_Peri_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_Mit/VelCRF_Mit/RadpS_I32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target TrqLOA Per1 HandwheelAuthority Uls f32.value	0.828065395		
target TrqLOA Per1 LatAcc MpSecSq f32.value	-10		
target TrqLOA Per1 LatAccelValid Cnt lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1079.4718		
target TrqLOA Per1 RelHwPos HwDeg f32.value	-804.789978		
target TrqLOA Per1 VehicleSpeedValid Cnt lgc.value	0		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	362.635925		
Name	Actual Value	Expected Value	Result
TrqLOA LatAccScaleFactor Uls M f32	0.844127297	0.844127297	Result
·	0.601803422	0.644127297 0.601803422 ± 0.01	
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32 Tral_OA_ScaledAttrTrqCmd_Mtrhlm_M_f23			
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-3.24986959	-3.24986959 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	-1.15138853 1	-1.15138853 ± 0.01 1 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	

Test Step 3.6 (Repeat Count = 1)		✓
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.150000006	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0434999987	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	8.80000019	
TrqLOA_TloaCmd_MtrNm_M_f32	6	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.200000003	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	2.98309565	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	909.534851	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-24.0498333	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	0	
k_TrqLOA_FallingRampRate_UlspS_f32	-1000	

2015-06-23, 13:48:37+0530



Name	Input Value
k_TrqLOA_LatAccConversionFactor_Uls_f32	8.6829052
k_TrqLOA_LimOutput_MtrNm_f32	3.57006645
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	0.726554036
k_TrqLOA_RisingRampRate_UlspS_f32	0
k_TrqLOA_SteerRatio_Uls_f32	6.56352139 0.25
k_TrqLOA_UndersteerGrad_RadpG_f32 k_TrqLOA_Wheelbase_M_f32	3.98621607
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0] t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	32768 32768
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	32768
t2_TrqLOA_DiffGainY_UIs_u1p15[5][1] t2_TrqLOA_DiffGainY_UIs_u1p15[5][2]	32768 32768
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	32768
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	32768
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	32768 32768
t_TrqLOA_DiffGainX_G_u2p14[0] t_TrqLOA_DiffGainX_G_u2p14[1]	32768
t_TrqLOA_DiffGainX_G_u2p14[2]	32768
t_TrqLOA_DiffGainX_G_u2p14[3]	32768
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	0
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	0
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	0
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	0
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	0
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	32768
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	32768
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	32768 32768
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	32768
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	11469
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	19251 21709
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	19661
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	24986
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	26624
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	31539
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	29901
	6208
t_TrqLOA_X_Kph_u10p6[0]	

2015-06-23, 13:48:37+0530





Name	Input Value			
t_TrqLOA_X_Kph_u10p6[2]	6336	6336		
t_TrqLOA_X_Kph_u10p6[3]	6400	6400		
t_TrqLOA_X_Kph_u10p6[4]	6464			
t_TrqLOA_X_Kph_u10p6[5]	6528			
t_TrqLOA_X_Kph_u10p6[6]	6592			
t_TrqLOA_X_Kph_u10p6[7]	6656			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthor	ity_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq	_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cn	t_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEr	n_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRa	dpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDe	g_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt	_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrN	lm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid	d_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kp	target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.825533628	0.825533628		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	0.187185764	0.187185764		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1			
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	1207.13953			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	863.729614			
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	0			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	157.958984	157.958984		
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0	0	✓	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.513088524	0.513088584	✓	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0	✓	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0	✓	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.200000003	0.200000003	~	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	~	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0	✓	

Name	Input Value
Rte Inst Ap TrgLOA	target Rte Inst Ap TrqLOA
TrqLOA LatAccScaleFactor Uls M f32	0.738416195
TrqLOA LatAccelSV g M Str.SV Uls f32	0.550000012
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0355000012
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-8.80000019
TrqLOA_TloaCmd_MtrNm_M_f32	-2
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.85944247
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	8.13665009
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	70.0263748
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-8.00514412
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	99.516716
k_TrqLOA_FallingRampRate_UlspS_f32	-163.67894
k_TrqLOA_LatAccConversionFactor_Uls_f32	10
k_TrqLOA_LimOutput_MtrNm_f32	2.33877659
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	1.78339124
k_TrqLOA_RisingRampRate_UlspS_f32	36.7966118
k_TrqLOA_SteerRatio_Uls_f32	17.9014683
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	14.6375256
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915

© Report created by TESSY V3.2.5, report template V2.4

2015-06-23, 13:48:37+0530



Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[5][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[5][2]	4915
t2_TrqLOA_DiffGainY_UIs_u1p15[5][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[7][1]	2458 4915
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3] t_TrqLOA_DiffGainX_G_u2p14[0]	10486
t TrqLOA DiffGainX G u2p14[1]	11469
t_TrqLOA_DiffGainX_G_u2p14[2]	12780
t_TrqLOA_DiffGainX_G_u2p14[3]	16384
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	960
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	1280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	1600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	20480
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	21299
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	24576
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	25395
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	28672
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	29491
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	32768
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	33587 9011
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	15565
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	19251
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18432
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[4]	22528
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	24166
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	27853
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	27443
t_TrqLOA_X_Kph_u10p6[0]	23104
t_TrqLOA_X_Kph_u10p6[1]	23168
t_TrqLOA_X_Kph_u10p6[2]	23232
t_TrqLOA_X_Kph_u10p6[3]	23296
t_TrqLOA_X_Kph_u10p6[4]	23360
t_TrqLOA_X_Kph_u10p6[5]	23424
t_TrqLOA_X_Kph_u10p6[6]	23488
t_TrqLOA_X_Kph_u10p6[7]	23552
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_Igc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_Igc
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_RelHwPos_HwDeg_f32 target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACritiq_MttNtili_i32 target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc
target Rte Inst Ap TrqLOA.TrqLOA Per1 VehicleSpeed Kph f32	target TrqLOA Per1 VehicleSpeed Kph f32
target TrqLOA Per1 HandwheelAuthority Uls f32.value	0.200104475
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-4.82459116
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-1454.8761
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	67.0191269
	1
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1





Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.72240591	0.72240591	✓
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.539416969	0.539416969 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0.101881564	0.101881497 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	0.101881564	0.101881497 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	1.53208458	1.53208458 ± 0.01	✓
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0.101881564	0.101881497 ± 0.01	✓

Test Step 3.8 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	1.
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.200000003
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0140000004
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-5.65911293
TrqLOA_TloaCmd_MtrNm_M_f32	-7
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.847059309
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	8.3897934
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	292.217896
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-57.2000008
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	35.2165909
k_TrqLOA_FallingRampRate_UlspS_f32	-665.315002
k_TrqLOA_LatAccConversionFactor_Uls_f32	3.95698261
k_TrqLOA_LimOutput_MtrNm_f32	2.75277615
k_TrqLOA_MaxScaleFactor_Uls_f32	0.694187999
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_RigingPompReto_LllopS_f23	8.71295547
k_TrqLOA_RisingRampRate_UlspS_f32	72.5325775 48.5321007
k_TrqLOA_SteerRatio_UIs_f32	
k_TrqLOA_Wheelhees_M_f32	0.25 19.8064346
k_TrqLOA_Wheelbase_M_f32 t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	19.0004340
t2_frqLOA_biffGainY_Uls_u1p15[0][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	13107
t2_TrqLOA_DiffGainY_UIs_u1p15[1][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	13107
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	10158
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	12124
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	12780
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	13107
t_TrqLOA_DiffGainX_G_u2p14[0]	5079
t_TrqLOA_DiffGainX_G_u2p14[1]	6062
t_TrqLOA_DiffGainX_G_u2p14[2]	6390
t_TrqLOA_DiffGainX_G_u2p14[3]	6554
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	3520
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	3840
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	4160





Name	Input Value		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	4800		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	36864		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	5734		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	10650		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15974		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16794		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	19251		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20890		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	22938		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24166		
t TrqLOA X Kph u10p6[0]	1088		
t_TrqLOA_X_Kph_u10p6[1]	1152		
t TrqLOA X Kph u10p6[2]	1216		
t_TrqLOA_X_Kph_u10p6[3]	1280		
t TrqLOA X Kph u10p6[4]	1344		
t_TrqLOA_X_Kph_u10p6[5]	1408		
t_TrqLOA_X_Kph_u10p6[6]	1472		
t TrqLOA X Kph u10p6[7]	1536		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_HandwheelAdtrionity_Ois_i32 target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaN		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACm		
target Rte Inst Ap TrqLOA.TrqLOA Per1 VehicleSpeedValid Cnt Igc	target_TrqLOA_Per1_VehicleSpe		
target Rte Inst Ap TrqLOA.TrqLOA Per1 VehicleSpeed Kph f32	target TrqLOA Per1 VehicleSpe		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	2.87261653		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target TrqLOA Per1 MtrVelCRF MtrRadpS f32.value	829.04834		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	-375.864563		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	126.835663		
Name	Actual Value	Expected Value	Result
TrqLOA LatAccScaleFactor UIs M f32	0.885599971	0.88560003	
TrqLOA_LatAccelSV_g_M_Str.SV_UIs_f32	0.192544758	0.192544758 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	
TrqLOA TloaCmd MtrNm M f32	0	0 ± 0.01	
TrqLOA_TrgBasedScaleFactor_Uls_M_f32	-0.701994181	-0.701994181 ± 0.01	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	1	1	
target TrqLOA Per1 TrqLOACmd MtrNm f32.value	0	0 ± 0.01	
angot_nqtoA_r or _nqtoAoma_wantun_loz.value		0 ± 0.01	

Test Step 3.9 (Repeat Count = 1)		✓
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.505558729	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.25	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0205000006	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	4.91599369	
TrqLOA_TloaCmd_MtrNm_M_f32	-0.5	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-1.51502144	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	4.62375116	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	245.138199	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-41.4325523	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	75.942955	
k_TrqLOA_FallingRampRate_UlspS_f32	-920.135132	

2015-06-23, 13:48:37+0530



Name	Input Value
k_TrqLOA_LatAccConversionFactor_Uls_f32	4.55265713
k TrgLOA LimOutput MtrNm f32	5.21092319
k_TrqLOA_MaxScaleFactor_Uls_f32	0.378737688
k_TrqLOA_MinScaleFactor_Uls_f32	1
k_TrqLOA_NomDrvTrq_MtrNm_f32	8.80000019
k_TrqLOA_RisingRampRate_UlspS_f32	350.725677
k_TrqLOA_SteerRatio_Uls_f32	83.0911789
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	9.46714211
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915
t2_TrqLOA_DiffGainY_UIs_u1p15[0][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458 4915
t2_TrqLOA_DiffGainY_UIs_u1p15[1][2]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3] t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[2][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[2][2]	4915
t2 TrqLOA DiffGainY Uls u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[5][2]	4915
t2_TrqLOA_DiffGainY_UIs_u1p15[5][3]	6226
t2_TrqLOA_DiffGainY_UIs_u1p15[6][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[7][1]	2458
t2_TrqLOA_DiffGainY_UIs_u1p15[7][2]	4915
t2_TrqLOA_DiffGainY_UIs_u1p15[7][3]	6226 10486
t_TrqLOA_DiffGainX_G_u2p14[0]	11469
t_TrqLOA_DiffGainX_G_u2p14[1] t_TrqLOA_DiffGainX_G_u2p14[2]	12780
t TrqLOA_DiffGainX_G_u2p14[3]	16384
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	960
t TrqLOA HighSpeedTrqBlend X Kph u10p6[3]	1280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	1600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	16384
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	19661
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	53248
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	54067
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	56115
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	56934
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	58163
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	60211
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	60621
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61030
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	5734
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	10650
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	15974
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	16794
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	19251
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	20890 22938
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6] t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	24166
t_IrqLOA_1emp1rqCmdSatY1bl_MtrNm_u4p12[/] t_TrqLOA_X_Kph_u10p6[0]	7744
t_TrqLOA_X_Kph_u10p6[1]	7808
Cudeo CyCubuTatobolil	1.000

2015-06-23, 13:48:37+0530





Name	Input Value			
t_TrqLOA_X_Kph_u10p6[2]	7872	7872		
t_TrqLOA_X_Kph_u10p6[3]	7936	7936		
t_TrqLOA_X_Kph_u10p6[4]	8000	8000		
t_TrqLOA_X_Kph_u10p6[5]	8064			
t_TrqLOA_X_Kph_u10p6[6]	8128			
t_TrqLOA_X_Kph_u10p6[7]	8192			
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAutho	ority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecS	q_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_C	nt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnE	En_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrF	RadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwD	eg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cr	ıt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_Mt	rNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedVa	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_K	target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1			
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-6.5			
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1			
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	-326.482697			
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	357.54599			
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	155.51593			
Name	Actual Value	Expected Value	Result	
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.42269361	0.42269361	~	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.250011116	0.250011116 ± 0.01	~	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	~	
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	~	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	-0.813570082	-0.813570082 ± 0.01	~	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓	
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	~	

Name	Input Value
Rte Inst Ap TrgLOA	target Rte Inst Ap TrgLOA
TrqLOA LatAccScaleFactor Uls M f32	0.774724126
TrqLOA LatAccelSV g M Str.SV Uls f32	0.100000001
TrqLOA LatAccelSV g M Str.K Uls f32	0.0489999987
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-7.1575346
TrqLOA_TloaCmd_MtrNm_M_f32	-6
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	3.2461462
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	481.298553
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-65.9383087
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	81.4572144
k_TrqLOA_FallingRampRate_UlspS_f32	-945.174316
k_TrqLOA_LatAccConversionFactor_Uls_f32	10
k_TrqLOA_LimOutput_MtrNm_f32	5.79835415
k_TrqLOA_MaxScaleFactor_Uls_f32	1
k_TrqLOA_MinScaleFactor_Uls_f32	0.219910979
k_TrqLOA_NomDrvTrq_MtrNm_f32	5.00554752
k_TrqLOA_RisingRampRate_UlspS_f32	222.336975
k_TrqLOA_SteerRatio_Uls_f32	90.237648
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	7.58481121
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	4915

© Report created by TESSY V3.2.5, report template V2.4





Name	Input Value
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	655
t2_TrqLOA_DiffGainY_UIs_u1p15[5][1]	2458 4915
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2] t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	6226
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	655
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	2458
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	4915
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	6226 328
t_TrqLOA_DiffGainX_G_u2p14[0] t TrqLOA DiffGainX G_u2p14[1]	1229
t_TrqLOA_DiffGainX_G_u2p14[2]	2458
t_TrqLOA_DiffGainX_G_u2p14[3]	3113
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	16320
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	16640
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	16960
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	17280
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	17600
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	0
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	0
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	0
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3] t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	0
t_TrqLOA_tatAccGain_Y_MtrNmpG_u4p12[0]	36864
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	37683
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	40960
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	41779
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	45056
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	45875
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	49152
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	49971
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0] t TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	8192 14336
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	18432
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	18022
t TrqLOA TempTrqCmdSatYTbl MtrNm u4p12[4]	21709
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	23347
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	26624
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	26624
t_TrqLOA_X_Kph_u10p6[0]	10816
t_TrqLOA_X_Kph_u10p6[1]	10880
t_TrqLOA_X_Kph_u10p6[2]	10944 11008
t_TrqLOA_X_Kph_u10p6[3] t_TrqLOA_X_Kph_u10p6[4]	11008
t_TrqLOA_X_Kph_u10p6[5]	11136
t_TrqLOA_X_Kph_u10p6[6]	11200
t_TrqLOA_X_Kph_u10p6[7]	11264
target_Rte_Inst_Ap_TrqLOA_TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_Igc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32
target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_rrqLOAOmid_withvin_isz target_Rte_inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc
target Rte Inst Ap TrqLOA.TrqLOA Per1 VehicleSpeed Kph f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	-6.53060865
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	0
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	
talget_TrqLOA_F et 1_Will velotit _Will taupo_152.value	188.256973
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	179.700195

2015-06-23, 13:48:37+0530



Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.642847538	0.642847478	✓
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.101530932	0.101530932 ± 0.01	✓
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TloaCmd_MtrNm_M_f32	0	0 ± 0.01	✓
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.219910979	0.219910979 ± 0.01	✓
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	✓
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0	0 ± 0.01	✓

Test Step 3.11 (Repeat Count = 1)	
Name	Input Value
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA
TrqLOA_LatAccScaleFactor_Uls_M_f32	1
FrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.670000017
FrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.714999974
FrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	8.80000019
FrqLOA_TloaCmd_MtrNm_M_f32	8.80000019
FrqLOA_TrqBasedScaleFactor_Uls_M_f32	2
C_TrqLOA_AbsAssistThreshold_MtrNm_f32	10
x_TrqLOA_AbsVelThreshold_MtrRadpS_f32	1000
TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32 TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32 TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32 TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	0
TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	100
_TrqLOA_FallingRampRate_UlspS_f32 _TrqLOA_LatAccConversionFactor_Uls_f32	10
TrqLOA_LimOutput_MtrNm_f32	8.80000019
_TrqLOA_timodiput_mitrim_rs2 _TrqLOA_MaxScaleFactor_Uls_f32	1
_TrqLOA_MinScaleFactor_Uls_f32	1
:_TrqLOA_NomDrvTrq_MtrNm_f32	8.80000019
:_TrqLOA_RisingRampRate_UlspS_f32	1000
:_TrqLOA_SteerRatio_Uls_f32	100
:_TrqLOA_UndersteerGrad_RadpG_f32	0.25
:_TrqLOA_Wheelbase_M_f32	20
2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[0][2]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[1][3]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[2][1]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[3][2]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[4][2]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	32768 32768
2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	
2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	32768
2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	32768 32768
2_TrqLOA_DiffGainY_Uls_u1p15[7][3] TrgLOA_DiffGainY_G_u2p14[0]	32768
_TrqLOA_DiffGainX_G_u2p14[0] TrqLOA DiffGainX G u2p14[1]	32768
	32768
_TrqLOA_DiffGainX_G_u2p14[2] _TrqLOA_DiffGainX_G_u2p14[3]	32768
_TrqLOA_biliGalitX_G_02p14[3] _TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	25600
_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	25600
rrqLOA_nignSpeed1rqBiend_X_kpn_u10p6[1] _TrqLOA_HighSpeedTrqBlend_X_kph_u10p6[2]	25600
_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[3]	25600





Name	Input Value		
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	25600		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	32768		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	32768		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	32768		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	32768		
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	32768		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	61440		
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	61440		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	36045		
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7]	36045		
t_TrqLOA_X_Kph_u10p6[0]	25600		
t_TrqLOA_X_Kph_u10p6[1]	25600		
t_TrqLOA_X_Kph_u10p6[2]	25600		
t_TrqLOA_X_Kph_u10p6[3]	25600		
t_TrqLOA_X_Kph_u10p6[4]	25600		
t_TrqLOA_X_Kph_u10p6[5]	25600		
t_TrqLOA_X_Kph_u10p6[6]	25600		
t_TrqLOA_X_Kph_u10p6[7]	25600		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_Handwhe	elAuthority_Uls_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_lgc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOAC	md_MtrNm_f32	
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	1		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	10		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	1		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	2000		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	1000		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	511		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.671402872	0.671402872 ± 0.01	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	1.27943039	1.2794311 ± 0.01	
TrqLOA_TloaCmd_MtrNm_M_f32	1.27943039	1.2794311 ± 0.01	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2	2 ± 0.01	
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	•
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	1.27943039	1.2794311 ± 0.01	

Test Step 3.12 (Repeat Count = 1)		✓
Name	Input Value	
Rte_Inst_Ap_TrqLOA	target_Rte_Inst_Ap_TrqLOA	
TrqLOA_LatAccScaleFactor_Uls_M_f32	1	
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.300000012	
TrqLOA_LatAccelSV_g_M_Str.K_Uls_f32	0.0149999997	
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	-6.72275496	
TrqLOA_TloaCmd_MtrNm_M_f32	-6	
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	2	
k_TrqLOA_AbsAssistThreshold_MtrNm_f32	2.17499852	
k_TrqLOA_AbsVelThreshold_MtrRadpS_f32	347.261871	
k_TrqLOA_DiffScaleRateLimiterFalling_UlspS_f32	-44.840065	
k_TrqLOA_DiffScaleRateLimiterRising_UlspS_f32	86.2324982	
k_TrqLOA_FallingRampRate_UlspS_f32	-756.371094	

2015-06-23, 13:48:37+0530



Name	Input Value
k_TrqLOA_LatAccConversionFactor_Uls_f32	1.32888663
k_TrqLOA_LimOutput_MtrNm_f32	0.718581259
k TrqLOA MaxScaleFactor Uls f32	0.774256825
k_TrqLOA_MinScaleFactor_Uls_f32	0.954615474
k_TrqLOA_NomDrvTrq_MtrNm_f32	0.232903108
k_TrqLOA_RisingRampRate_UlspS_f32	62.9472733
k_TrqLOA_SteerRatio_Uls_f32	96.6698685
k_TrqLOA_UndersteerGrad_RadpG_f32	0.25
k_TrqLOA_Wheelbase_M_f32	17.6621571
t2_TrqLOA_DiffGainY_Uls_u1p15[0][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[0][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[0][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[0][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[1][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[1][1]	19333 21299
t2_TrqLOA_DiffGainY_Uls_u1p15[1][2]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[1][3] t2_TrqLOA_DiffGainY_Uls_u1p15[2][0]	17367
t2_TrqLOA_DiliGainY_Uls_u1p15[2][0]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[2][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[2][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[3][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[3][1]	19333
t2_TrqLOA_biffGainY_Uls_u1p15[3][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[3][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[4][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[4][1]	19333
t2_TrqLOA_DiffGainY_UIs_u1p15[4][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[4][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[5][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[5][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[5][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[5][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[6][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[6][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[6][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[6][3]	26214
t2_TrqLOA_DiffGainY_Uls_u1p15[7][0]	17367
t2_TrqLOA_DiffGainY_Uls_u1p15[7][1]	19333
t2_TrqLOA_DiffGainY_Uls_u1p15[7][2]	21299
t2_TrqLOA_DiffGainY_Uls_u1p15[7][3]	26214
t_TrqLOA_DiffGainX_G_u2p14[0] t TrqLOA DiffGainX G u2p14[1]	8684 9667
t_TrqLOA_DiffGainX_G_u2p14[2]	10650
t_TrqLOA_DiffGainX_G_u2p14[3]	13107
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[0]	6720
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[1]	7040
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[2]	7360
t TrqLOA HighSpeedTrqBlend X Kph u10p6[3]	7680
t_TrqLOA_HighSpeedTrqBlend_X_Kph_u10p6[4]	8000
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[0]	3277
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[1]	6554
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[2]	9830
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[3]	13107
t_TrqLOA_HighSpeedTrqBlend_Y_Uls_u1p15[4]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[0]	4096
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[1]	4915
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[2]	8192
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[3]	9011
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[4]	12288
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[5]	13107
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[6]	16384
t_TrqLOA_LatAccGain_Y_MtrNmpG_u4p12[7]	17203
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[0]	7373
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[1]	13107
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[2]	17613
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[3]	17613
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[4]	20890
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[5]	22528 25395
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[6]	25395 25805
t_TrqLOA_TempTrqCmdSatYTbl_MtrNm_u4p12[7] t_TrqLOA_X_Kph_u10p6[0]	2112
t_TrqLOA_X_Kph_u10p6[1]	2176
	LIIV





Name	Input Value		
t_TrqLOA_X_Kph_u10p6[2]	2240		
t_TrqLOA_X_Kph_u10p6[3]	2304		
t_TrqLOA_X_Kph_u10p6[4]	2368		
t_TrqLOA_X_Kph_u10p6[5]	2432		
t_TrqLOA_X_Kph_u10p6[6]	2496		
t_TrqLOA_X_Kph_u10p6[7]	2560		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_HandwheelAuthority_Uls_f32	target_TrqLOA_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAcc_MpSecSq_f32	target_TrqLOA_Per1_LatAcc_MpSecSq_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_LatAccelValid_Cnt_lgc	target_TrqLOA_Per1_LatAccelValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc	target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32	target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_RelHwPos_HwDeg_f32	target_TrqLOA_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOAAvail_Cnt_Igc	target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_TrqLOACmd_MtrNm_f32	target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeedValid_Cnt_Igc	target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_TrqLOA.TrqLOA_Per1_VehicleSpeed_Kph_f32	target_TrqLOA_Per1_VehicleSpeed_Kph_f32		
target_TrqLOA_Per1_HandwheelAuthority_Uls_f32.value	0.603896022		
target_TrqLOA_Per1_LatAcc_MpSecSq_f32.value	6.27994013		
target_TrqLOA_Per1_LatAccelValid_Cnt_lgc.value	1		
target_TrqLOA_Per1_MotAgLoaMtgtnEn_Cnt_lgc.value	0		
target_TrqLOA_Per1_MtrVelCRF_MtrRadpS_f32.value	143.502243		
target_TrqLOA_Per1_RelHwPos_HwDeg_f32.value	1000		
target_TrqLOA_Per1_VehicleSpeedValid_Cnt_lgc.value	ī		
target_TrqLOA_Per1_VehicleSpeed_Kph_f32.value	469.321564		
Name	Actual Value	Expected Value	Result
TrqLOA_LatAccScaleFactor_Uls_M_f32	0.910319865	0.910319865	~
TrqLOA_LatAccelSV_g_M_Str.SV_Uls_f32	0.305908352	0.305908352 ± 0.01	~
TrqLOA_ScaledMtrTrqCmd_MtrNm_M_f32	1.16507566	1.16507542 ± 0.01	•
TrqLOA_TloaCmd_MtrNm_M_f32	0.718581259	0.718581259 ± 0.01	•
TrqLOA_TrqBasedScaleFactor_Uls_M_f32	0.954615474	0.954615474 ± 0.01	~
target_TrqLOA_Per1_TrqLOAAvail_Cnt_lgc.value	0	0	~
target_TrqLOA_Per1_TrqLOACmd_MtrNm_f32.value	0.718581259	0.718581259 ± 0.01	•