Report Generated by Test Manager

Title:	**TCF_LdSubLqCalc MIL Test Report**
Author:	
Date:	**19-Dec-2021 09:56:32**

Test Environment

Platform:	PCWIN64
MATLAB:	(R2020a)

Summary

Name	Outcome	Duration (Seconds)
📁 LdSubLqClc	2 ✅	5.409
📄 EI09_SWUT_MIL_LdSubLqClc_01	✅	2.056
📄 EI09_SWUT_MIL_LdSubLqClc_02	✅	2.072

LdSubLqClc

Test Result Information

Result Type:	Test Suite Result
Parent:	None
Start Time:	2021-12-18 19:25:28
End Time:	2021-12-18 19:25:34
Outcome:	Total: 2, Passed: 2

Test Suite Information

Name:	LdSubLqClc

Aggregated Coverage Results

Analyzed Model	Sim Mode	Complexity	Decision	Condition	MCDC	Execution
SWC_TCF/SWC_TCF_1ms_sys/CurrAgTrqCalcProc/LdsubLqCalc	Normal	4	100%	100%	100%	100%

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EI09_SWUT_MIL_LdSubLqClc_01

Test Result Information

Result Type:	Test Case Result
Parent:	LdSubLqClc
Start Time:	2021-12-18 19:25:28
End Time:	2021-12-18 19:25:30
Outcome:	Passed

Test Case Information

Name:	EI09_SWUT_MIL_LdSubLqClc_01
Type:	Baseline Test
Baseline Name:	EI09_SWUT_MIL_LdsubLqCalc_01
Baseline File:	E:\EI09_Project\ei09\03_Controller_Models\02_Platform_Models\01_Platformmodels\FS\TCF\TCF_V2\TestCase_TCF.xlsx

Baseline Comparison

Name	Abs Tol	Rel Tol	Lead Tol	Lag Tol	Max Diff	Data Type 1	Units 1	Sample Time 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync	Link to Plot
✅ TCF_LdsubLq	0.1	0	0	0	7.42e-05	single			single			zoh	union	Link

Name	Abs Tol	Rel Tol	Lead Tol	Lag Tol	Max Diff	Data Type 1	Units 1	Sample Time 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync
✅ TCF_LdsubLq	0.1	0	0	0	7.42e-05	single			single			zoh	union

时序图:TCF$_L$dsubLq (Baseline)

Difference and Tolerance

EI09_SWUT_MIL_LdsubLqCalc_01
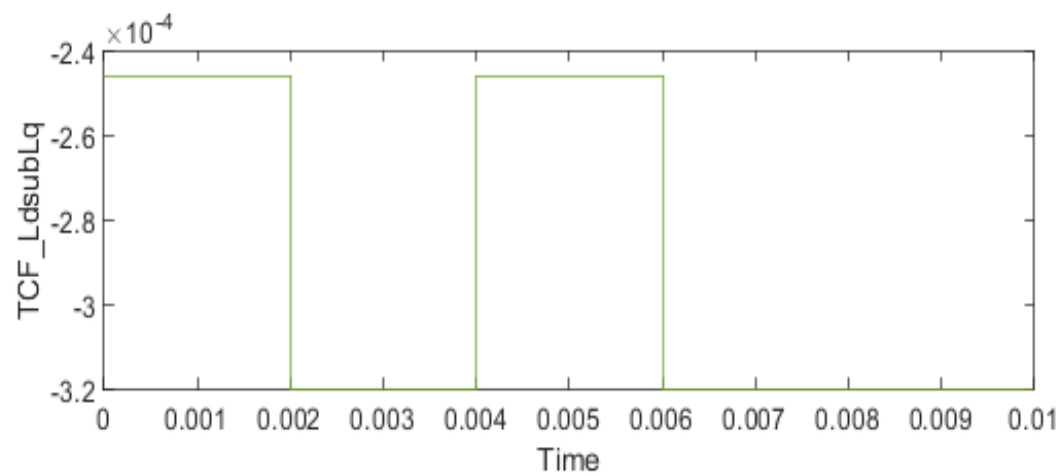
Baseline Information

Baseline Name: EI09_SWUT_MIL_LdsubLqCalc_01
Baseline File: E:\EI09_Project\ei09\03_Controller_Models\02_Pla
         tform_Models\01_Platformmodels\FS\TCF\TCF_V2
         \TestCase_TCF.xlsx

Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_LdsubLq	single			zoh	union	Link

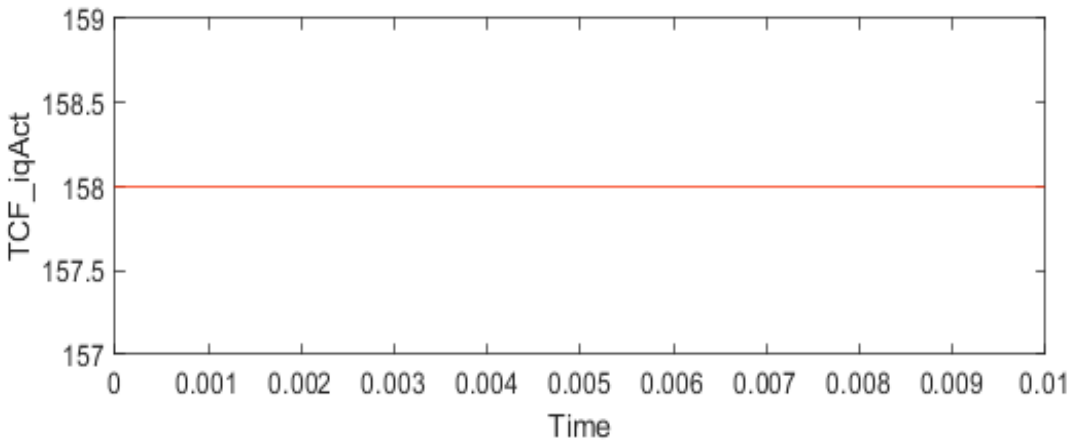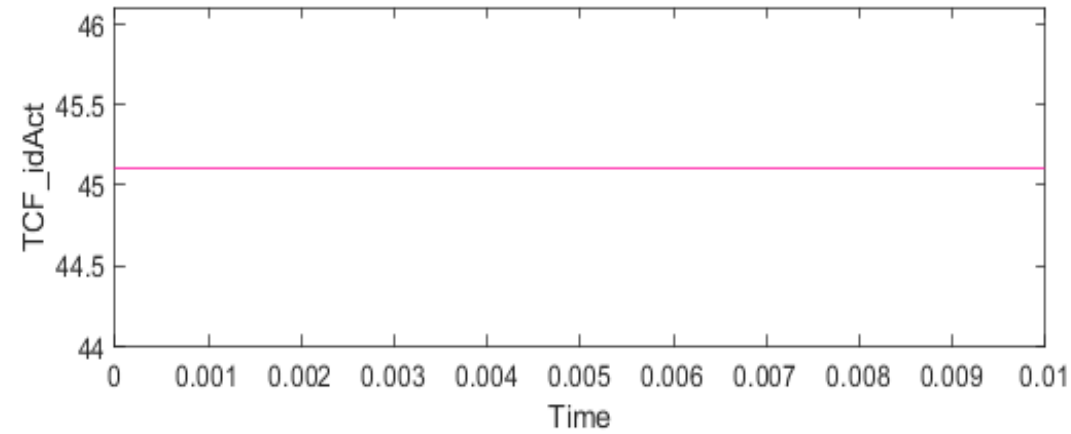| Name	Data Type	Units	Sample Time	Interp	Sync
TCF_LdsubLq	single			zoh	union

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Input Data

Input Information

External Input Name: EI09_SWUT_MIL_LdsubLqCalc_01

External Input File: E:\EI09_Project\ei09\03_Controller_Models\02_Platform_Models\01_Platformmodels\FS\TCF\TCF_V2\TestCase_TCF.xlsx

Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_idAct	single			zoh	union	Link
TCF_iqAct	single			zoh	union	Link
TCF_MotorMode	uint8			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_idAct	single			zoh	union
TCF_iqAct	single			zoh	union

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Name	Data Type	Units	Sample Time	Interp	Sync
TCF_MotorMode	uint8			zoh	union

Simulation

System Under Test Information

Model: SWC_TCF
Harness: SWC_TCF_Harness_LdsubLqCalc
Harness Owner: SWC_TCF/SWC_TCF_1ms_sys/CurrAgTrqCalcProc/LdsubLqCalc
Simulation Mode: normal

Override SIL or PIL Mode: 0

Configuration Set: Configuration1
External Input Name: EI09_SWUT_MIL_LdsubLqCalc_01
External Input File: E:\EI09_Project\ei09\03_Controller_Models\02_Platform_Models\01_Platformmodels\FS\TCF\TCF_V2\TestCase_TCF.xlsx
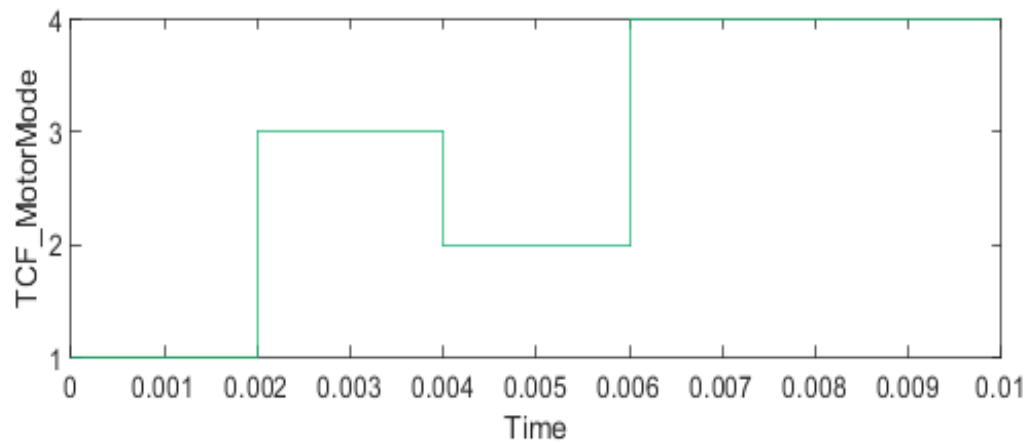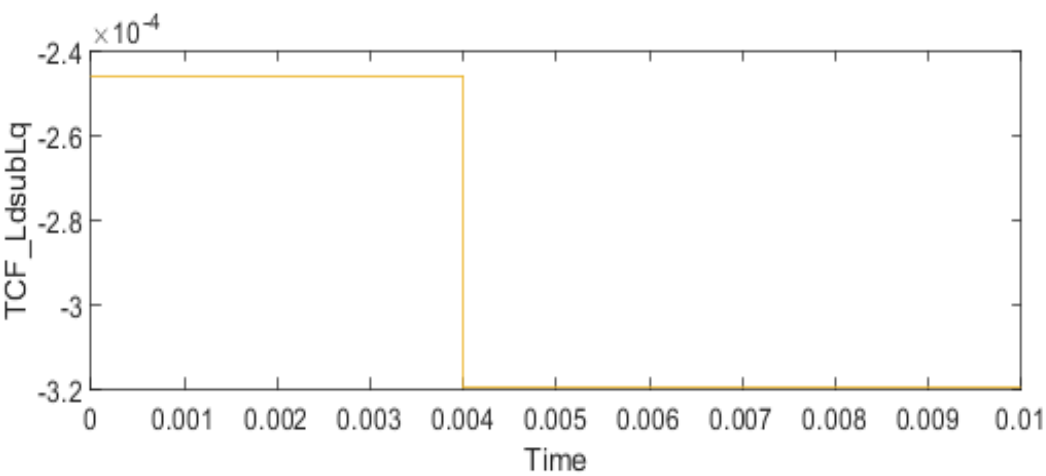
Start Time: 0
Stop Time: 0.01
Checksum: 3612713788 985290897 4022507329 1567051223
Simulink Version: 10.1
Model Version: 1.2
Model Author: dongliyuan
Date: Tue Jul 27 13:50:00 2021
User ID: dongliyuan
Model Path: E:\EI09_Project\ei09\03_Controller_Models\02_Platform_Models\01_Platformmodels\FS\TCF\TCF_V2\SWC_TCF.slx

Machine Name: MC-ZHANGJUNRENB
Solver Name: FixedStepDiscrete
Solver Type: Fixed-Step
Fixed Step Size: 0.001
Simulation Start Time: 2021-12-18 19:25:28
Simulation Stop Time: 2021-12-18 19:25:29
Platform: PCWIN64

Simulation Output

Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_LdsubLq	single			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_LdsubLq	single			zoh	union

Simulation Logs:
Simulation stopped at '0.01' because there is no input data after this time point.

EI09_SWUT_MIL_LdSubLqClc_02

Test Result Information

Result Type: Test Case Result
Parent: LdSubLqClc
Start Time: 2021-12-18 19:25:32
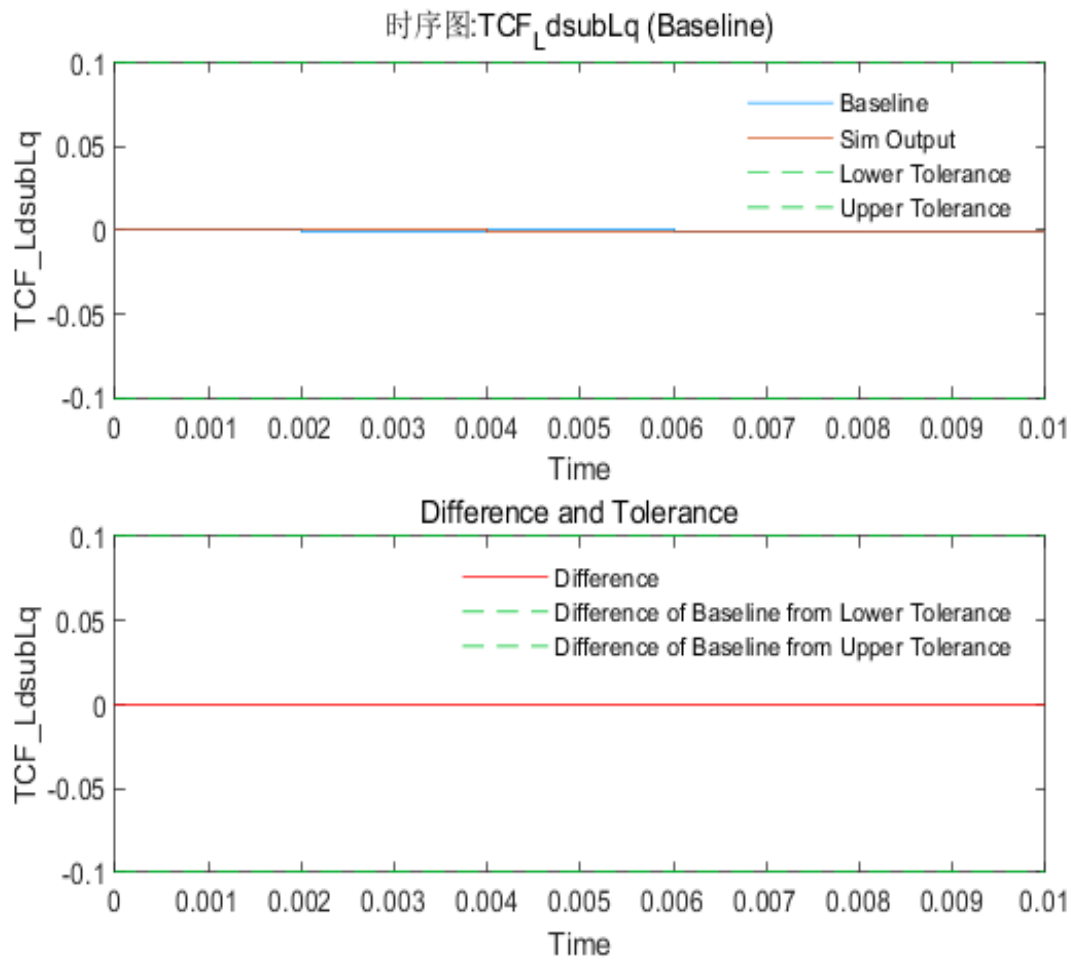End Time: 2021-12-18 19:25:34
Outcome: Passed

Test Case Information

Name: EI09_SWUT_MIL_LdSubLqClc_02
Type: Baseline Test
Baseline Name: EI09_SWUT_MIL_LdsubLqCalc_02
Baseline File: E:\EI09_Project\ei09\03_Controller_Models\02_Pla
                tform_Models\01_Platformmodels\FS\TCF\TCF_V2
                \TestCase_TCF.xlsx

Baseline Comparison

Name	Abs Tol	Rel Tol	Lead Tol	Lag Tol	Max Diff	Data Type 1	Units 1	Sample Time 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync	Link to Plot
✅ TCF_LdsubLq	0.1	0	0	0	7.42e-05	single			single			zoh	union	Link

Name	Abs Tol	Rel Tol	Lead Tol	Lag Tol	Max Diff	Data Type 1	Units 1	Sample Time 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync
✅ TCF_LdsubLq	0.1	0	0	0	7.42e-05	single			single			zoh	union

時序圖:TCF$_L$dsubLq (Baseline)

Difference and Tolerance
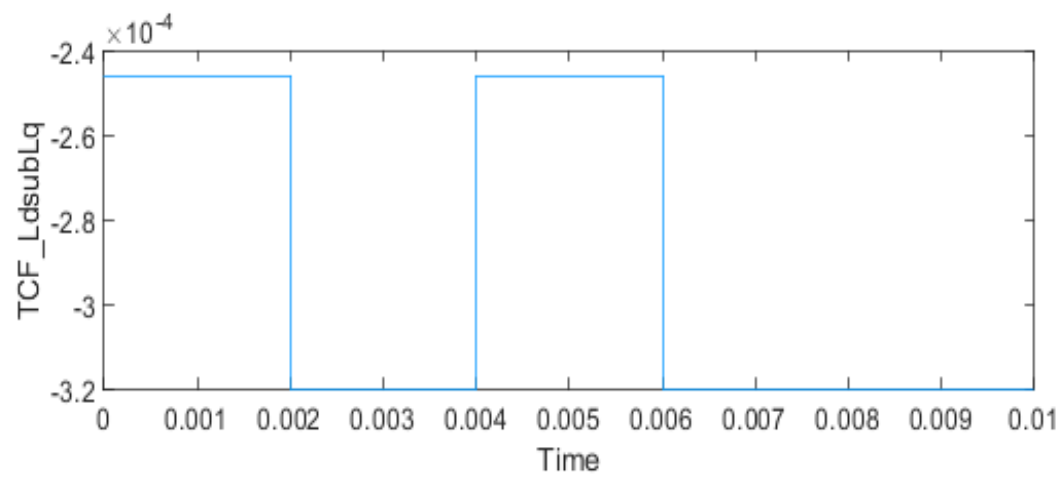
EI09_SWUT_MIL_LdsubLqCalc_02

Baseline Information

Baseline Name: EI09_SWUT_MIL_LdsubLqCalc_02
Baseline File: E:\EI09_Project\ei09\03_Controller_Models\02_Pla
                   tform_Models\01_Platformmodels\FS\TCF\TCF_V2
                   \TestCase_TCF.xlsx

Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_LdsubLq	single			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_LdsubLq	single			zoh	union

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Input Data

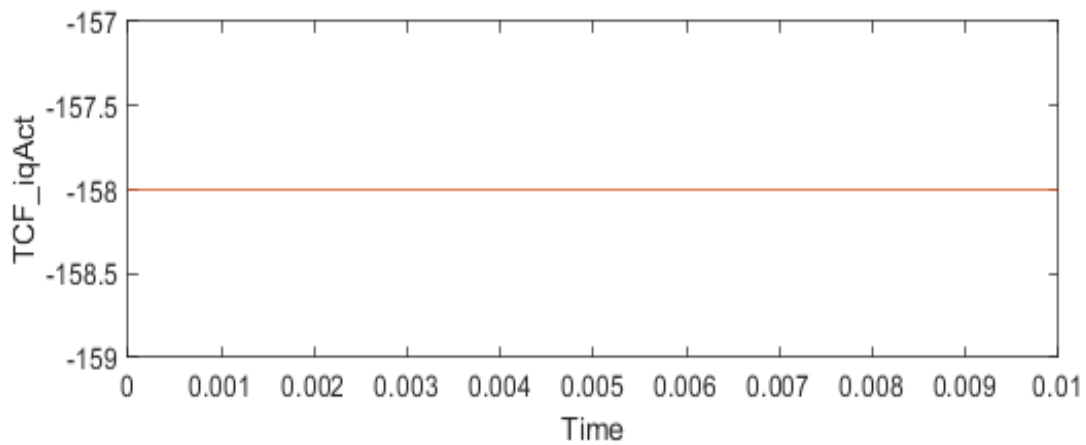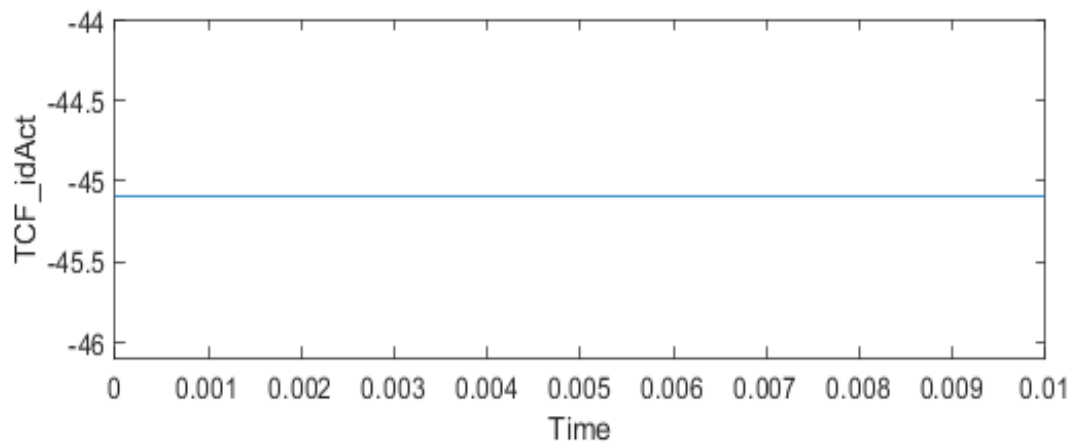### Input Information

External Input Na
me: EI09_SWUT_MIL_LdsubLqCalc_02

External Input File: E:\EI09_Project\ei09\03_Controller_Models\02_Pla
tform_Models\01_Platformmodels\FS\TCF\TCF_V2
\TestCase_TCF.xlsx

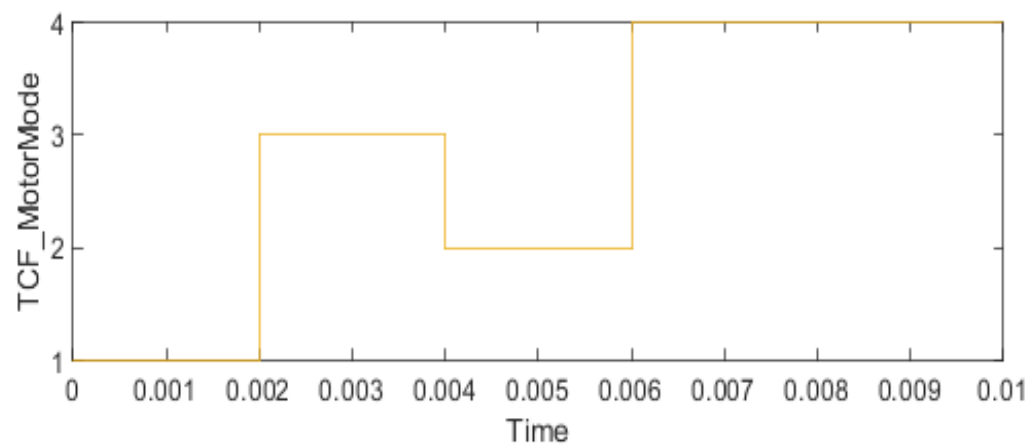| Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_idAct	single			zoh	union	Link
TCF_iqAct	single			zoh	union	Link
TCF_MotorMode	uint8			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_idAct	single			zoh	union
TCF_iqAct	single			zoh	union

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_MotorMode	uint8			zoh	union

Simulation

System Under Test Information

Model: SWC_TCF
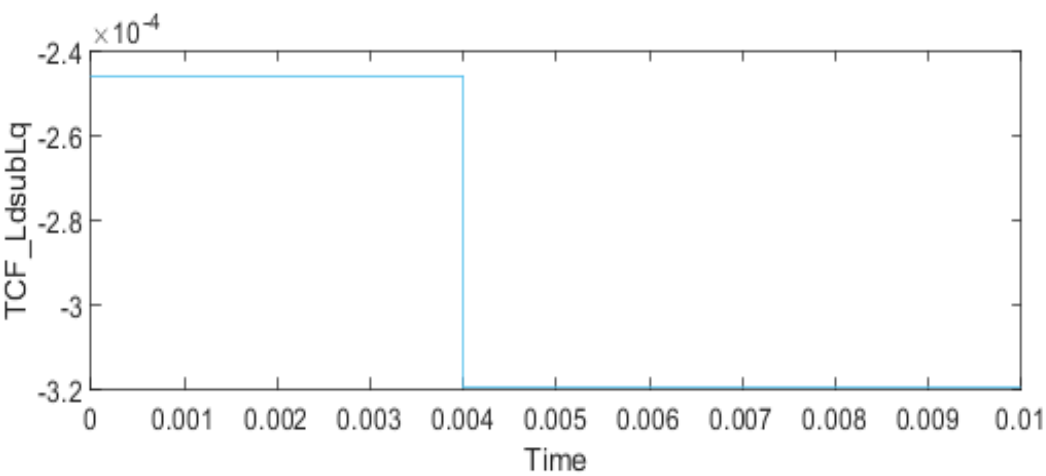Harness: SWC_TCF_Harness_LdsubLqCalc

Harness Owner:	SWC_TCF/SWC_TCF_1ms_sys/CurrAgTrqCalcProc/LdsubLqCalc
Simulation Mode:	normal
Override SIL or PIL Mode:	0
Configuration Set:	Configuration1
External Input Name:	EI09_SWUT_MIL_LdsubLqCalc_02
External Input File:	E:\EI09_Project\ei09\03_Controller_Models\02_Platform_Models\01_Platformmodels\FS\TCF\TCF_V2\TestCase_TCF.xlsx
Start Time:	0
Stop Time:	0.01
Checksum:	3612713788 985290897 4022507329 1567051223
Simulink Version:	10.1
Model Version:	1.2
Model Author:	dongliyuan
Date:	Tue Jul 27 13:50:00 2021
User ID:	dongliyuan
Model Path:	E:\EI09_Project\ei09\03_Controller_Models\02_Platform_Models\01_Platformmodels\FS\TCF\TCF_V2\SWC_TCF.slx
Machine Name:	MC-ZHANGJUNRENB
Solver Name:	FixedStepDiscrete
Solver Type:	Fixed-Step
Fixed Step Size:	0.001
Simulation Start Time:	2021-12-18 19:25:32
Simulation Stop Time:	2021-12-18 19:25:32
Platform:	PCWIN64

Simulation Output

Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_LdsubLq	single			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_LdsubLq	single			zoh	union

Simulation Logs:
Simulation stopped at '0.01' because there is no input data after this time point.