

Report Generated by Test Manager

Title: TCF_Debounce MIL Test Report

Author:













Date: 19-Dec-2021 10:00:32

Test Environment

Platform: PCWIN64

MATLAB: (R2020a)

Summary

Name	Outcome	Duration (Seconds)
 Debouncer	5 	18.14
 EI09_SWRS_Debouncer_01		2.78
 EI09_SWRS_Debouncer_1		2.43
 EI09_SWRS_Debouncer_2		2.543
 EI09_SWRS_Debouncer_3		2.606
 EI09_SWRS_Debouncer_4		2.51

Debouncer


Test Result Information

Result Type: Test Suite Result
Parent: None
Start Time: 2021-12-18 19:26:07
End Time: 2021-12-18 19:26:25
Outcome: Total: 5, **Passed: 5**

Test Suite Information

Name: Debouncer

Aggregated Coverage Results

Analyzed Model	Sim Mode	Complexity	Decision	Condition	MCDC	Execution
 SWC_TCF/SWC_TCF_1ms_sys/Debouncer	Normal	7	100%	100%	100%	100%

[Back to Report Summary](#)

EI09_SWRS_Debouncer_01

Test Result Information

Result Type: Test Case Result
Parent: [Debouncer](#)
Start Time: 2021-12-18 19:26:07
End Time: 2021-12-18 19:26:10
Outcome: **Passed**

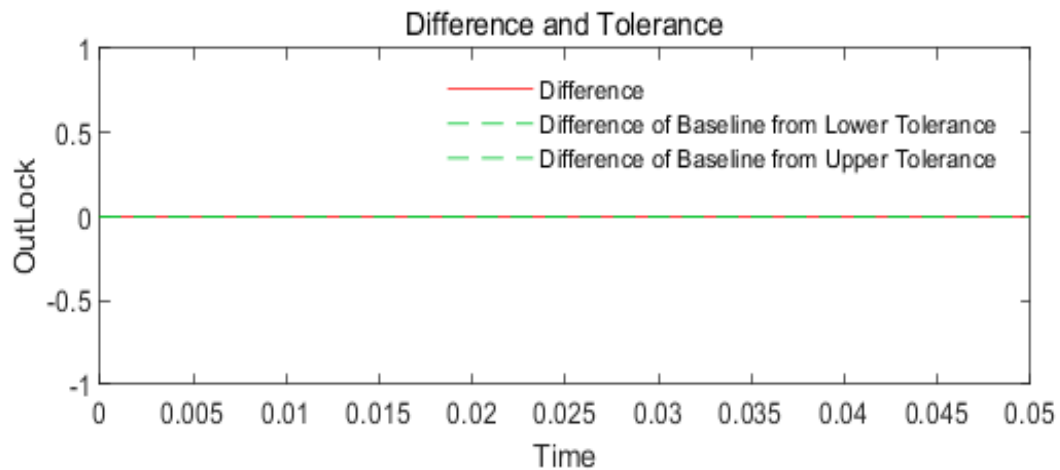
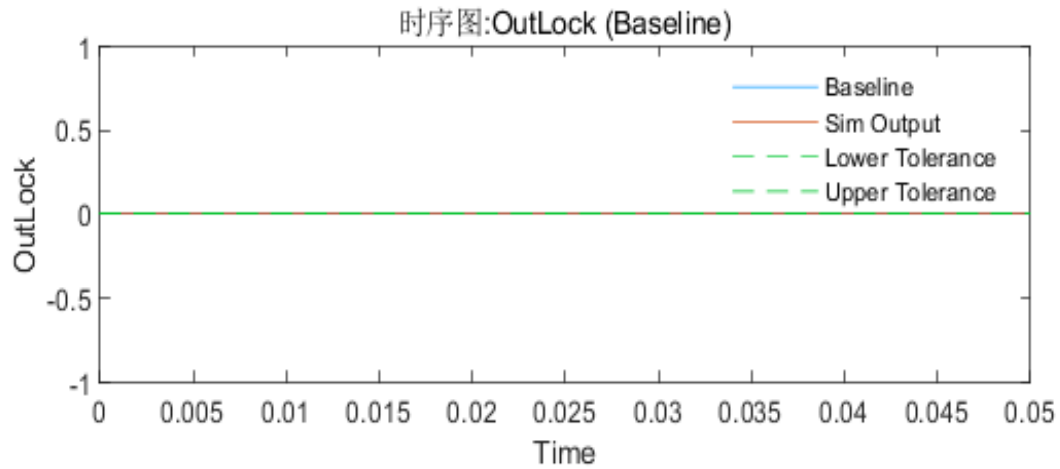
Test Case Information

Name: EI09_SWRS_Debouncer_01
Type: Baseline Test
Baseline Name: EI09_SWUT_MIL_Debouncer_01
Baseline File: E:\EI09_Project\ei09\03_Controller_Models\02_Platform_Models\01_Platformmodels\FS\TCF\TCF_V2\TestCase_TCF.xlsx

Baseline Comparison

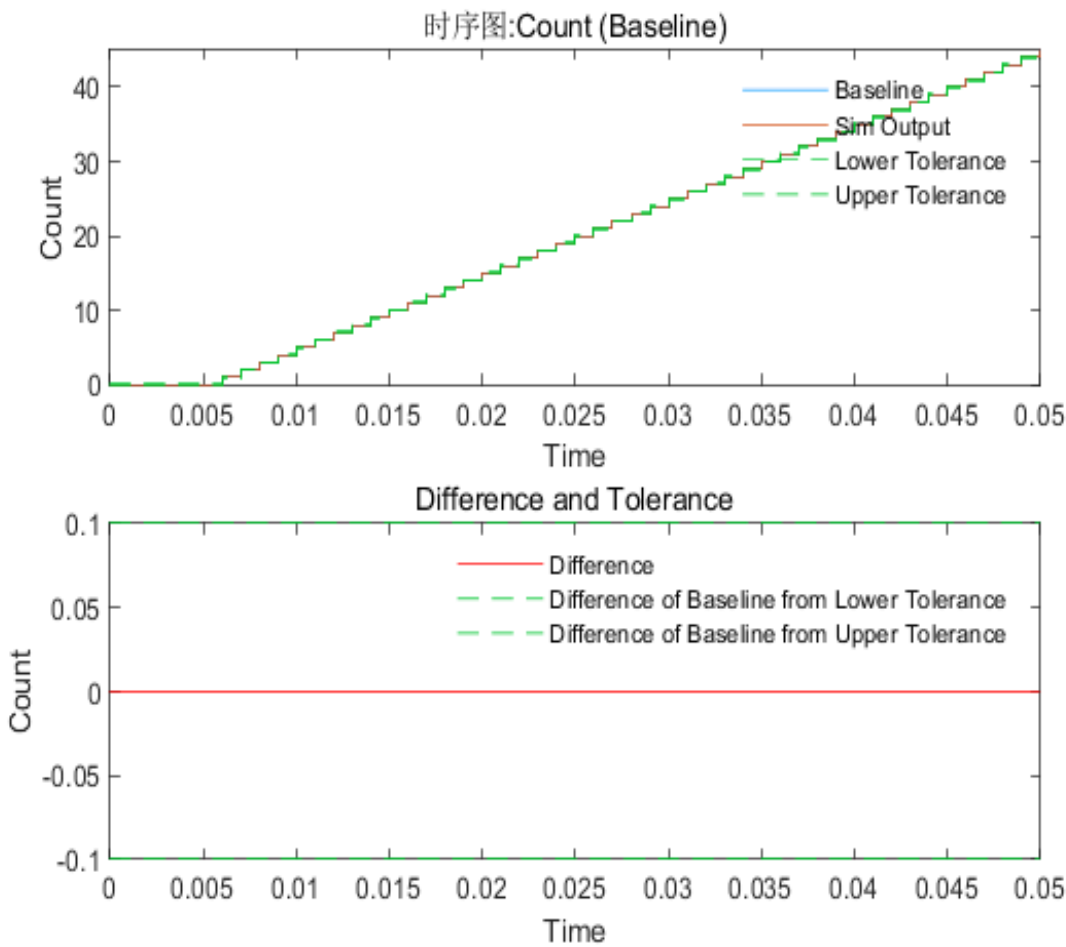
Name	Abs Tol	Rel Tol	Lead Tol	Lag Tol	Max Diff	Data Type 1	Units 1	Sample Time 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync	Link to Plot
✓ OutLock	0.1	0	0	0	0	boolean			boolean			zoh	union	Link
✓ Count	0.1	0	0	0	0	int16			int16			zoh	union	Link
✓ Deb	0.1	0	0	0	0	int16			int16			zoh	union	Link

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
✓ OutLock	0.1	0	0	0	0	boolean			boolean			zoh	union



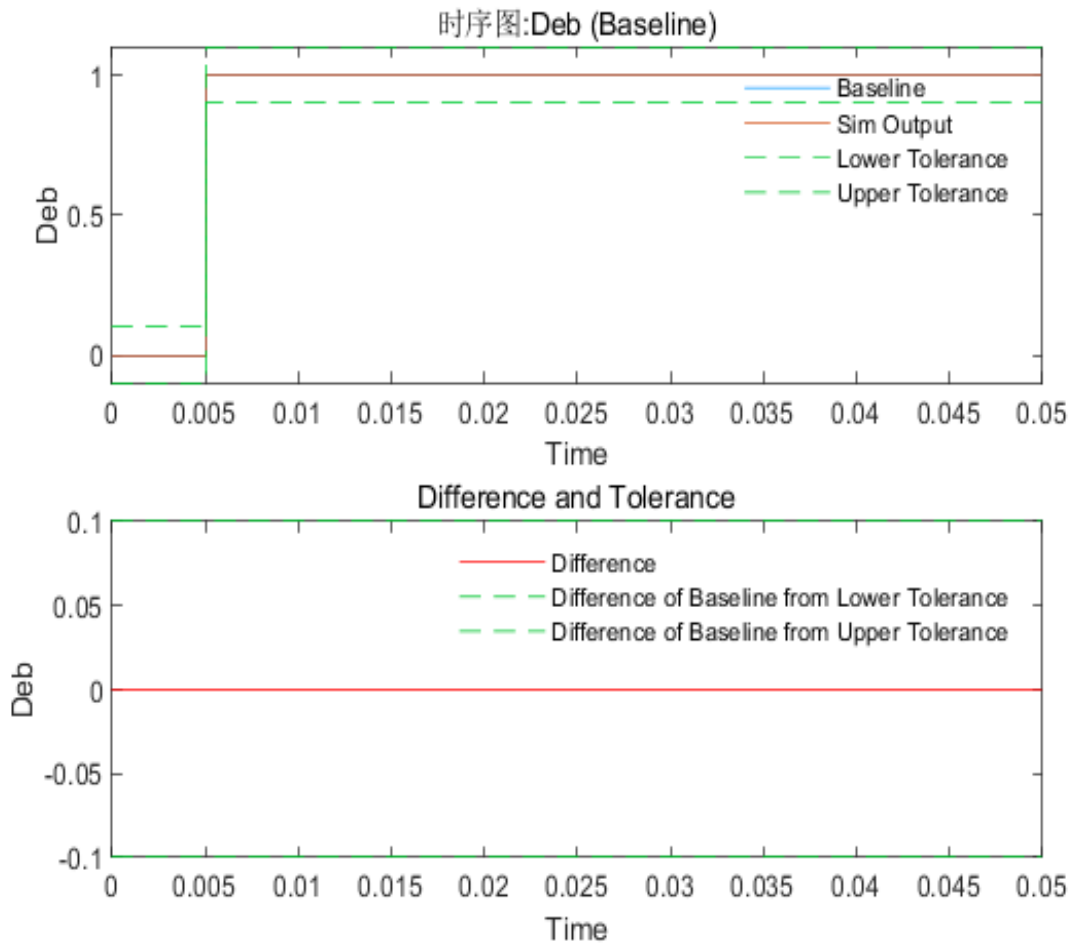
[Back to Report Summary](#)[Back to Criteria Results](#)

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
✔ Count	0.1	0	0	0	0	int16			int16			zoh	union



[Back to Report Summary](#)[Back to Criteria Results](#)

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
✔ Deb	0.1	0	0	0	0	int16			int16			zoh	union



[Back to Report Summary](#)[Back to Criteria Results](#)

EI09_SWUT_MIL_Debouncer_01

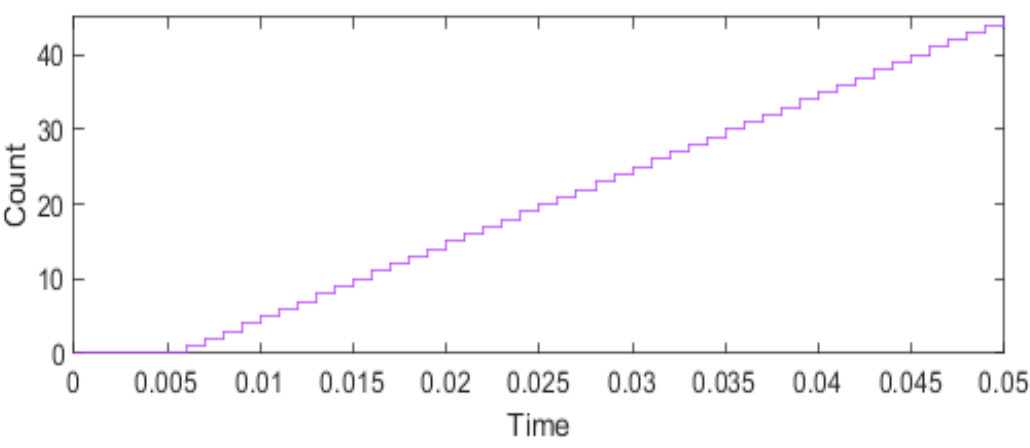
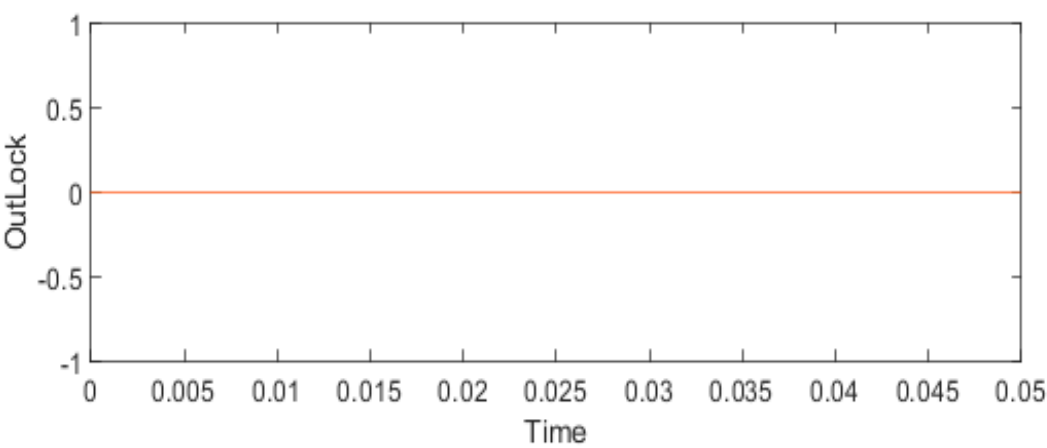
Baseline Information

Baseline Name: EI09_SWUT_MIL_Debouncer_01
 Baseline 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
OutLock	boolean			zoh	union	Link

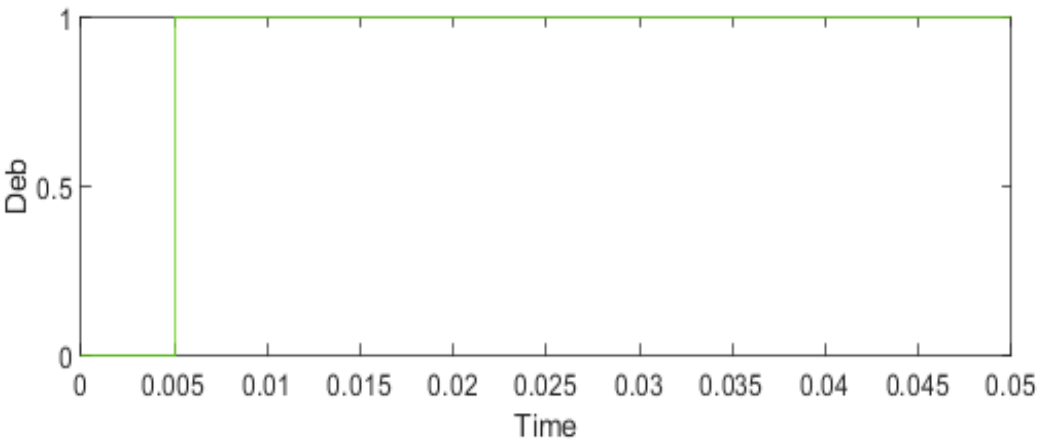
Count	int16				zoh	union	Link
Deb	int16				zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
OutLock	boolean			zoh	union
Count	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Name	Data Type	Units	Sample Time	Interp	Sync
Deb	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Input Data

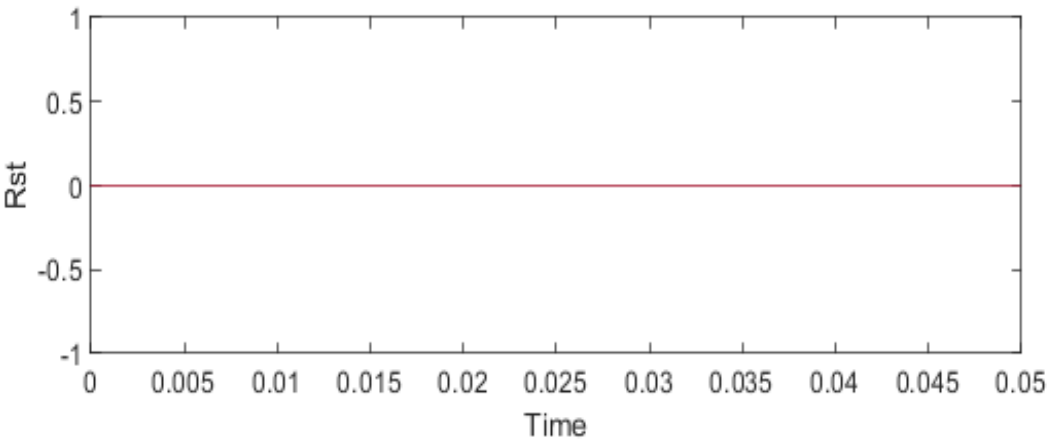
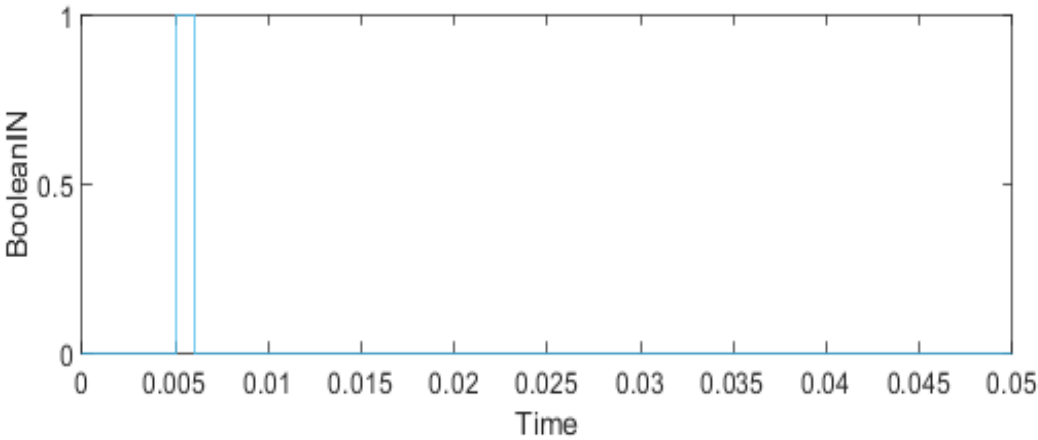
Input Information

External Input Name: EI09_SWUT_MIL_Debouncer_01

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

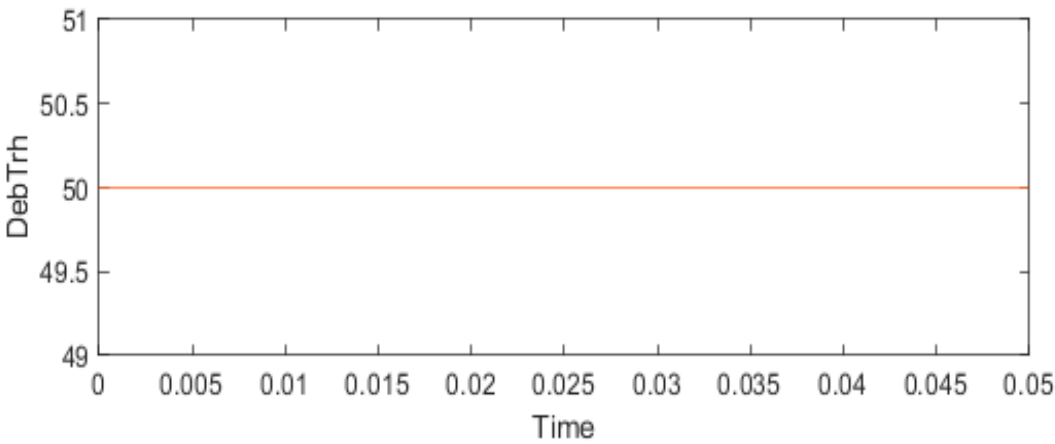
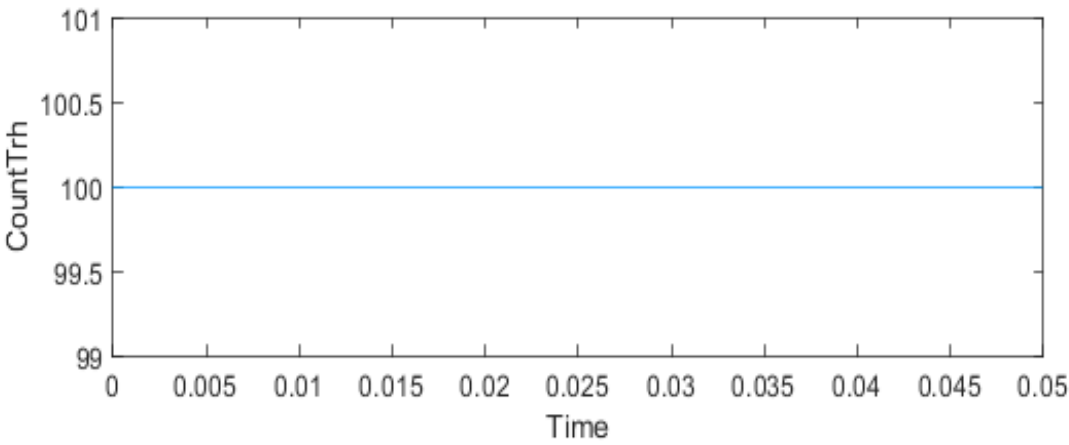
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
BooleanIN	boolean			zoh	union	Link
Rst	boolean			zoh	union	Link
CountTrh	int16			zoh	union	Link
DebTrh	int16			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
BooleanIN	boolean			zoh	union
Rst	boolean			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Name	Data Type	Units	Sample Time	Interp	Sync
CountTrh	int16			zoh	union
DebTrh	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Simulation

System Under Test Information

Model: SWC_TCF
Harness: SWC_TCF_Harness_Debouncer
Harness Owner: SWC_TCF/SWC_TCF_1ms_sys/Debounce
Simulation Mode: normal

Override SIL or PIL Mod 0

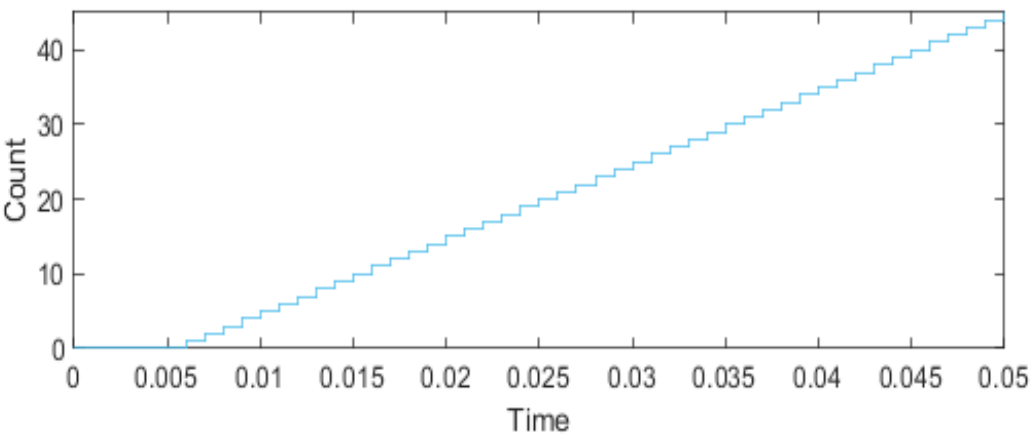
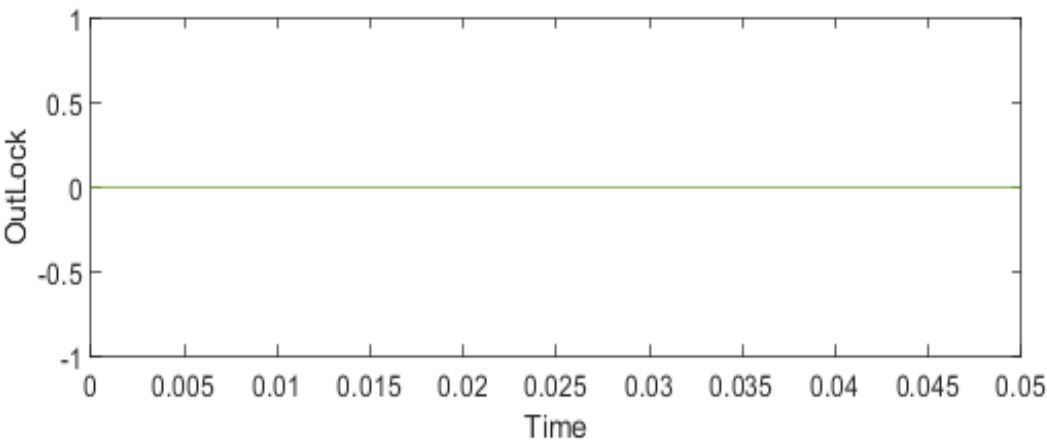
e:

Configuration Set: Configuration1
External Input Name: EI09_SWUT_MIL_Debouncer_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: 0.050000000000000003
Checksum: 944823193 3446748209 4091885579 3684280232
Simulink Version: 10.1
Model Version: 1.1
Model Author: dongliyuan
Date: Tue Aug 10 16:53:31 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 19:26:07
Simulation Stop Time: 2021-12-18 19:26:08
Platform: PCWIN64

Simulation Output

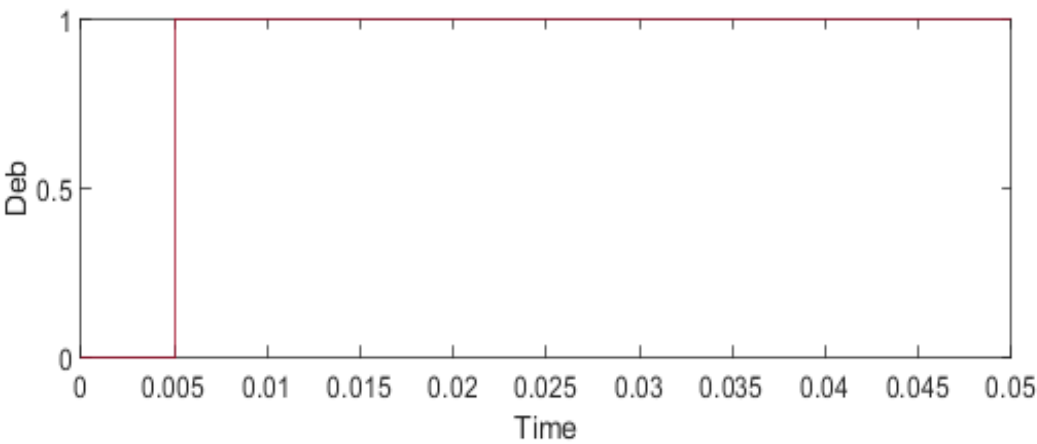
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
OutLock	boolean			zoh	union	Link
Count	int16			zoh	union	Link
Deb	int16			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
OutLock	boolean			zoh	union
Count	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Name	Data Type	Units	Sample Time	Interp	Sync
Deb	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Simulation Logs:
Simulation stopped at '0.050000000000000003' because there is no input data after this time point.

[Back to Report Summary](#)

Test Result Information

Result Type: Test Case Result
Parent: [Debouncer](#)
Start Time: 2021-12-18 19:26:11
End Time: 2021-12-18 19:26:13
Outcome: **Passed**

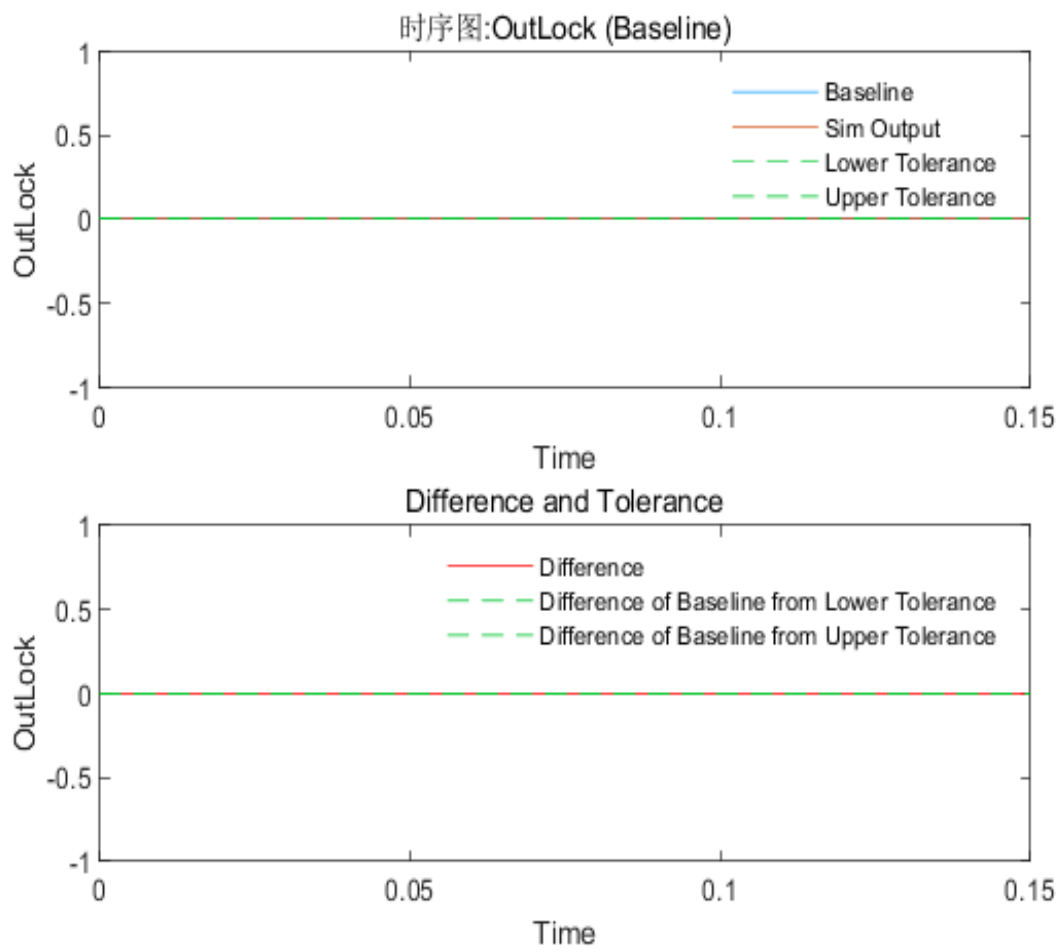
Test Case Information

Name: EI09_SWRS_Debouncer_1
Type: Baseline Test
Baseline Name: EI09_SWUT_MIL_Debouncer_02
Baseline File: E:\EI09_Project\ei09\03_Controller_Models\02_Platform_Models\01_Platformmodels\FS\TCF\TCF_V2\TestCase_TCF.xlsx

Baseline Comparison

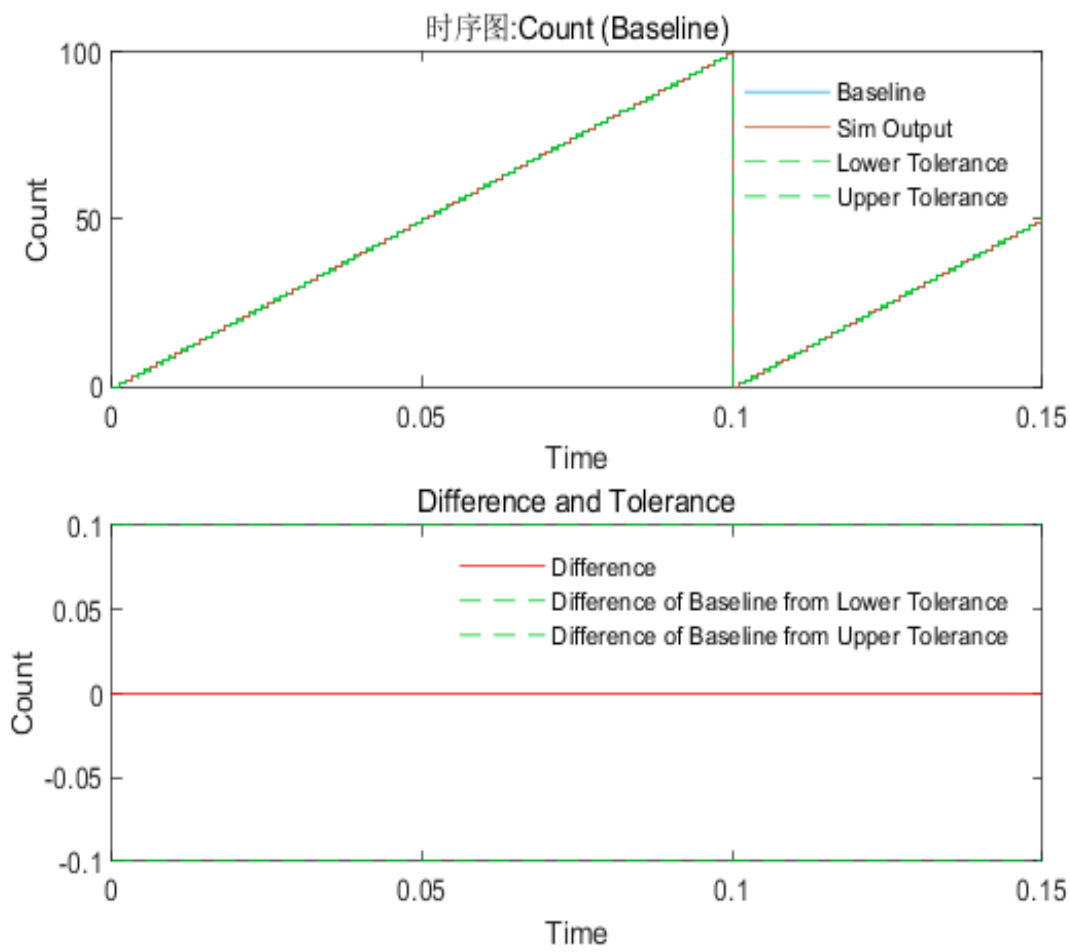
Name	Abs Tol	Rel Tol	Lead Tol	Lag Tol	Max Diff	Data Type 1	Units 1	Sample Time 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync	Link to Plot
✓ OutLock	0.1	0	0	0	0	boolean			boolean			zoh	union	Link
✓ Count	0.1	0	0	0	0	int16			int16			zoh	union	Link
✓ Deb	0.1	0	0	0	0	int16			int16			zoh	union	Link

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
✓ OutLock	0.1	0	0	0	0	boolean			boolean			zoh	union



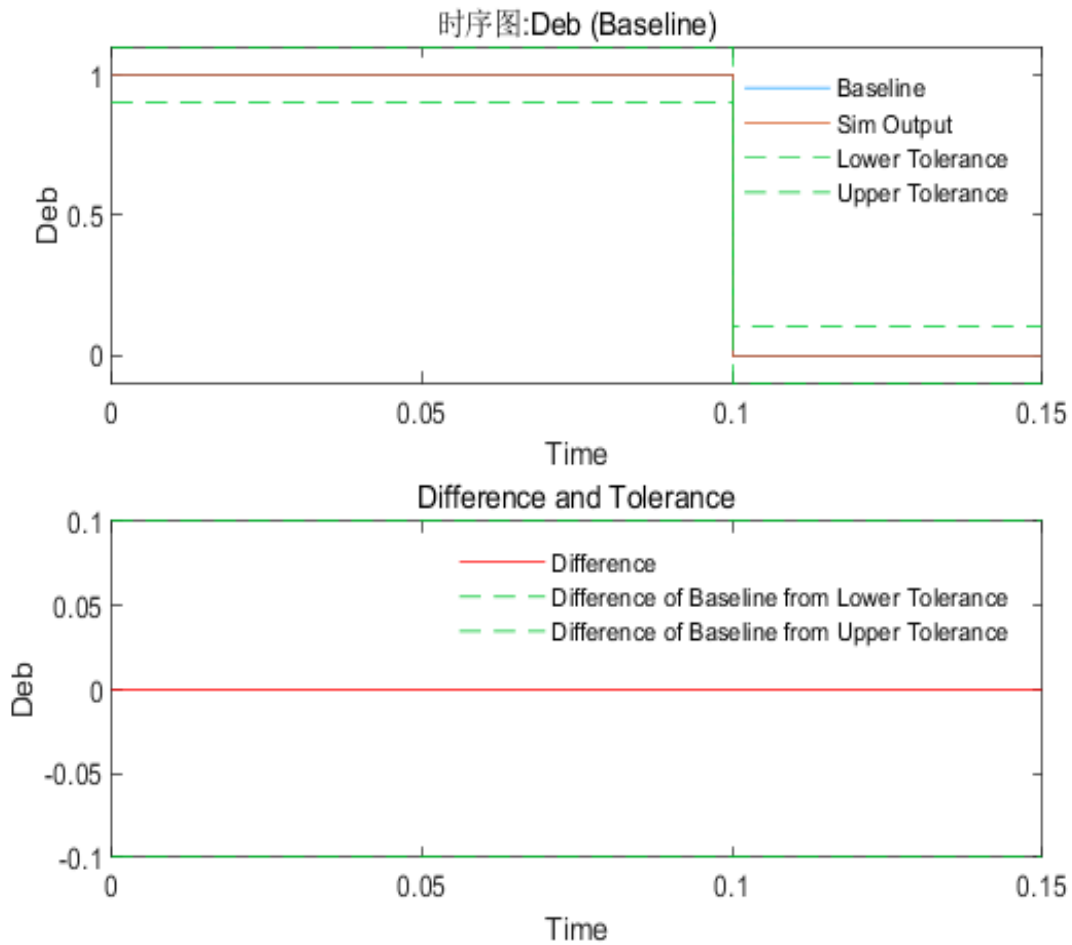
[Back to Report Summary](#)[Back to Criteria Results](#)

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
✔ Count	0.1	0	0	0	0	int16			int16			zoh	union



[Back to Report Summary](#)[Back to Criteria Results](#)

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
✓ Deb	0.1	0	0	0	0	int16			int16			zoh	union



[Back to Report Summary](#)[Back to Criteria Results](#)

EI09_SWUT_MIL_Debouncer_02

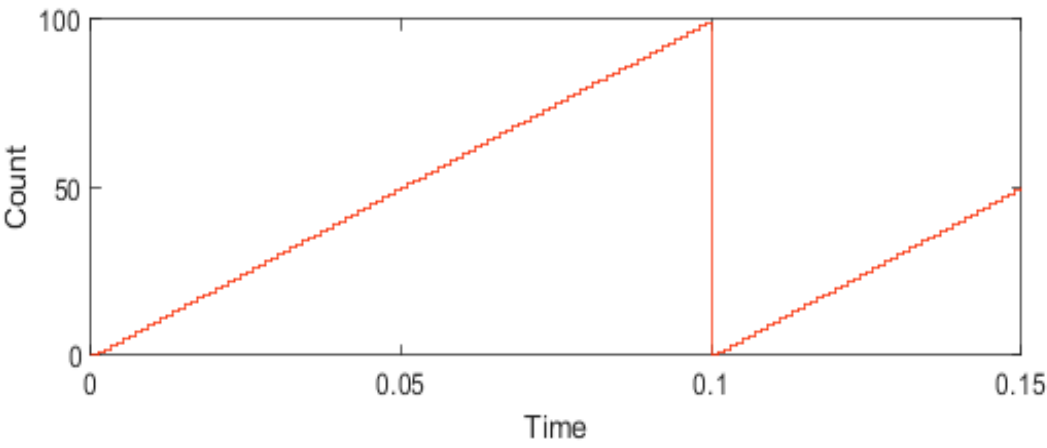
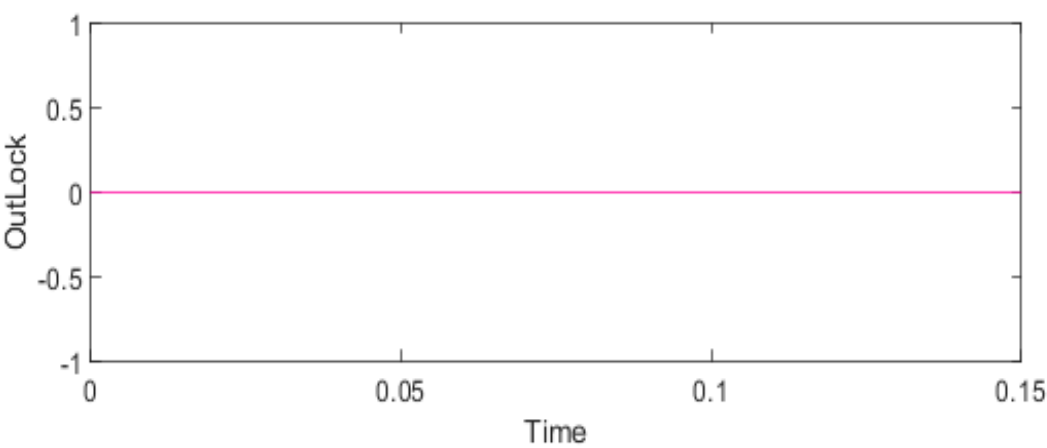
Baseline Information

Baseline Name: EI09_SWUT_MIL_Debouncer_02
 Baseline 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
OutLock	boolean			zoh	union	Link

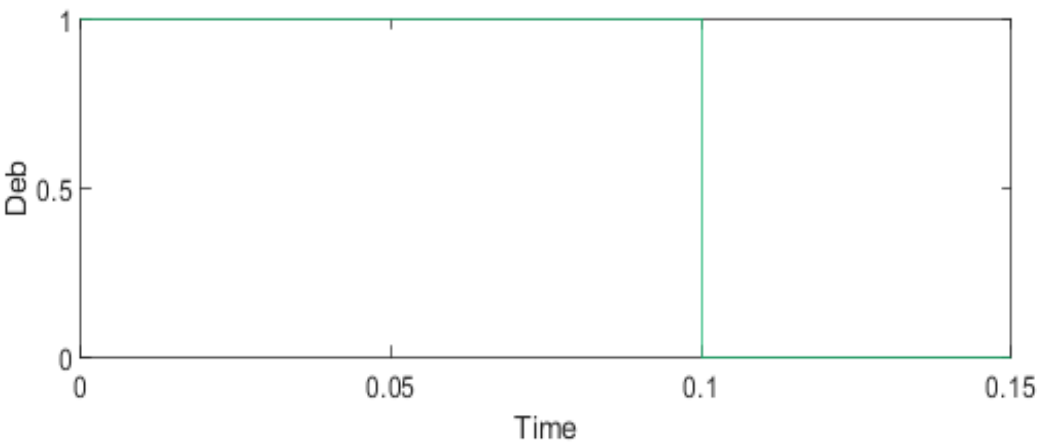
Count	int16				zoh	union	Link
Deb	int16				zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
OutLock	boolean			zoh	union
Count	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Name	Data Type	Units	Sample Time	Interp	Sync
Deb	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Input Data

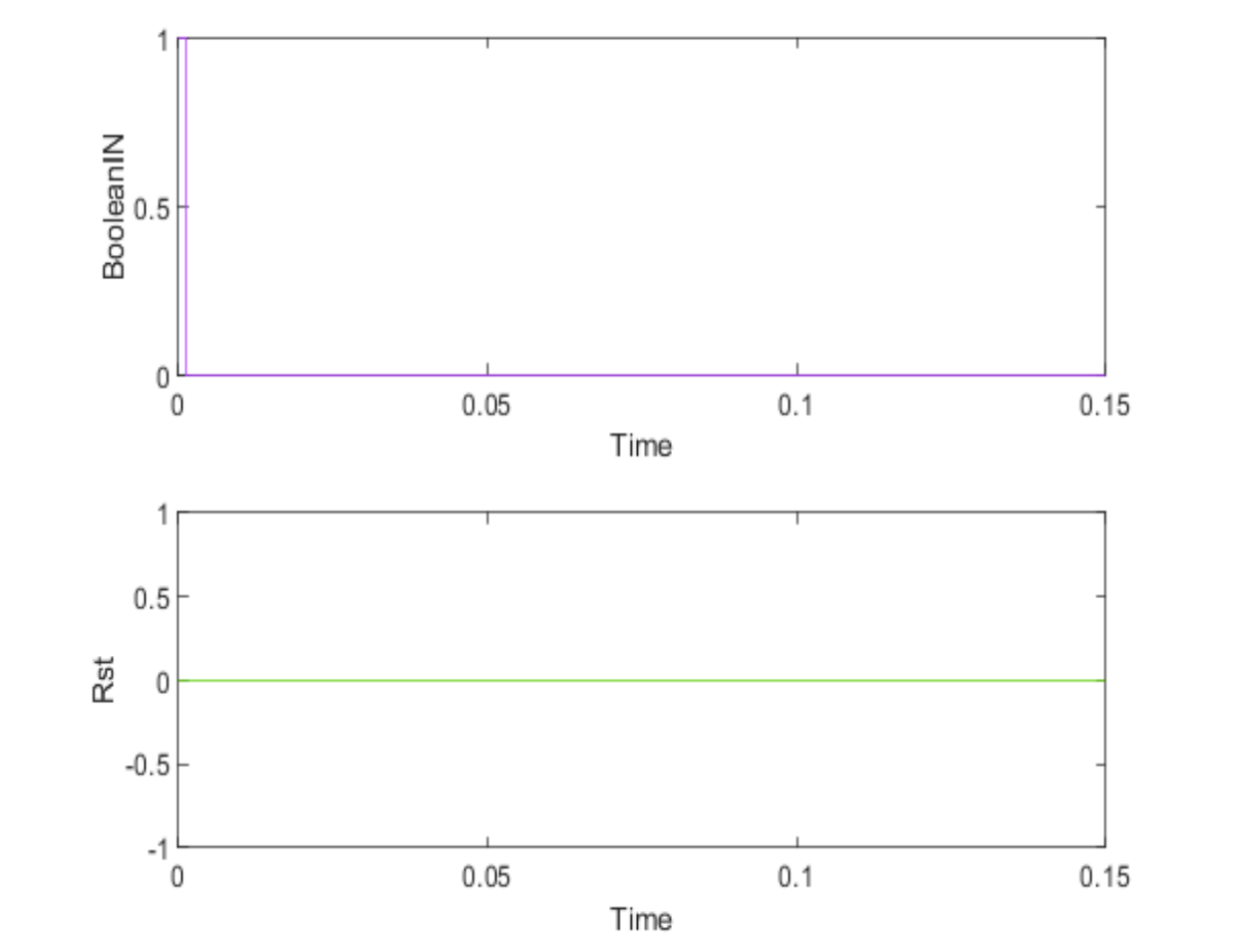
Input Information

External Input Name: EI09_SWUT_MIL_Debouncer_02

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

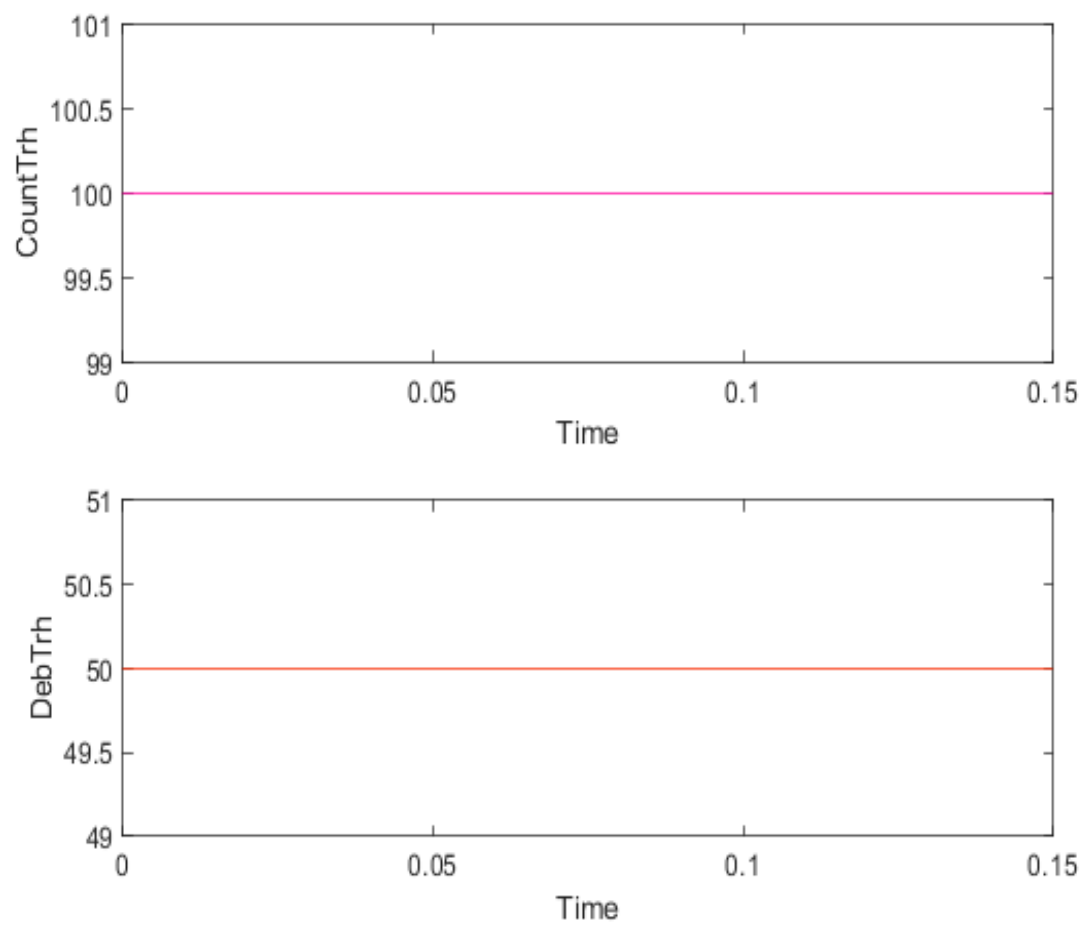
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
BooleanIN	boolean			zoh	union	Link
Rst	boolean			zoh	union	Link
CountTrh	int16			zoh	union	Link
DebTrh	int16			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
BooleanIN	boolean			zoh	union
Rst	boolean			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Name	Data Type	Units	Sample Time	Interp	Sync
CountTrh	int16			zoh	union
DebTrh	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Simulation

System Under Test Information

Model: SWC_TCF
Harness: SWC_TCF_Harness_Debouncer
Harness Owner: SWC_TCF/SWC_TCF_1ms_sys/Debounce
Simulation Mode: normal

Override SIL or PIL Mod 0

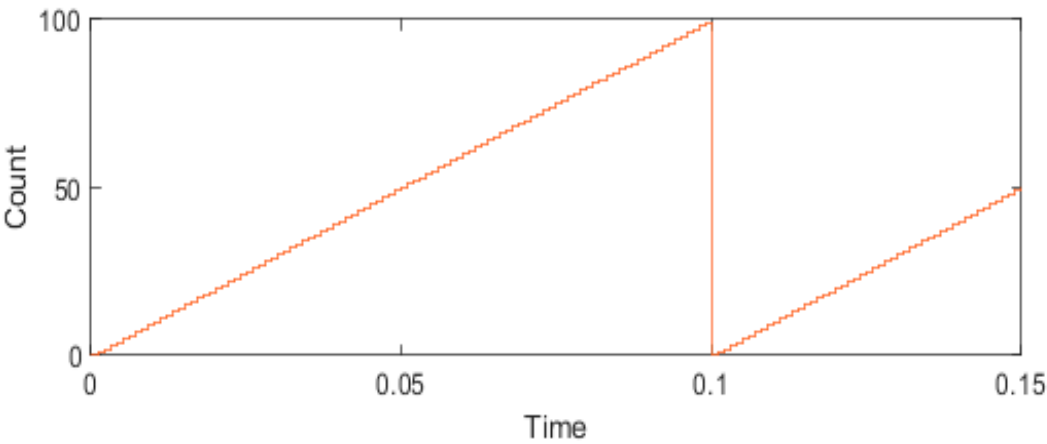
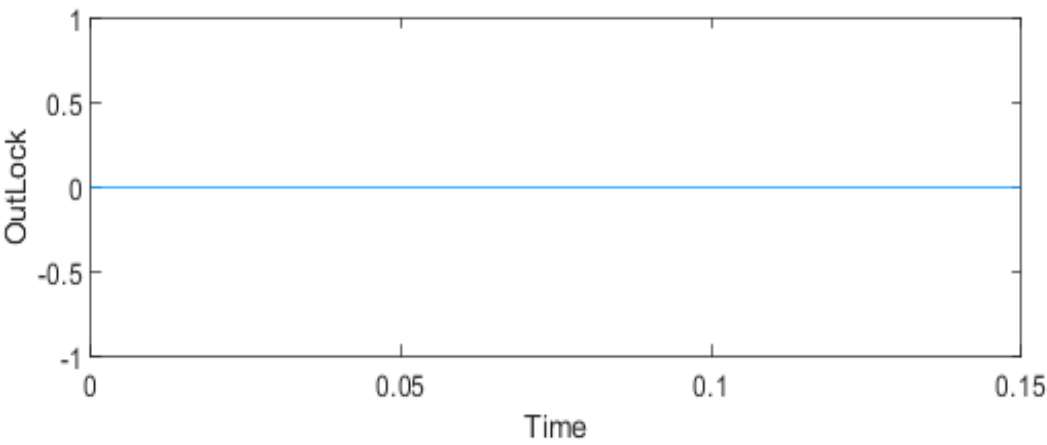
e:

Configuration Set: Configuration1
External Input Name: EI09_SWUT_MIL_Debouncer_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: 0.14999999999999999
Checksum: 680107186 2724320922 4088178477 3746064011
Simulink Version: 10.1
Model Version: 1.1
Model Author: dongliyuan
Date: Tue Aug 10 16:53:31 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 19:26:11
Simulation Stop Time: 2021-12-18 19:26:11
Platform: PCWIN64

Simulation Output

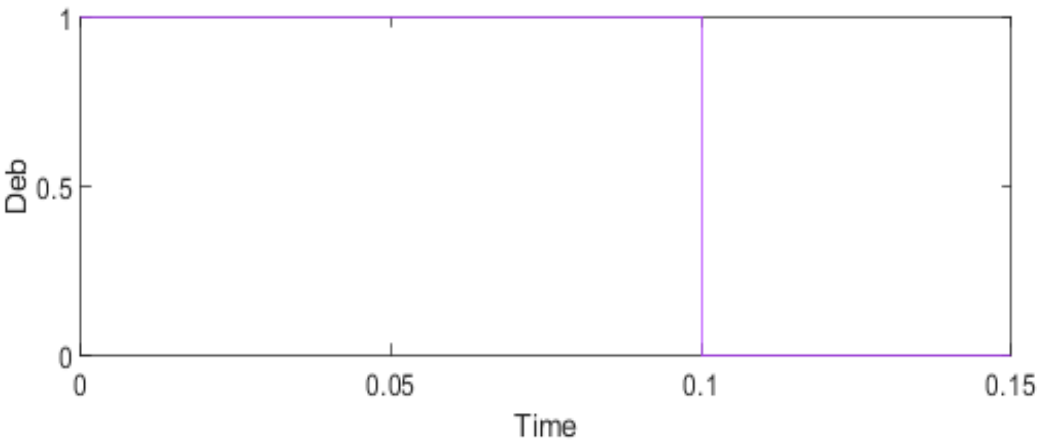
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
OutLock	boolean			zoh	union	Link
Count	int16			zoh	union	Link
Deb	int16			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
OutLock	boolean			zoh	union
Count	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Name	Data Type	Units	Sample Time	Interp	Sync
Deb	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Simulation Logs:
Simulation stopped at '0.1499999999999999' because there is no input data after this time point.

[Back to Report Summary](#)

Test Result Information

Result Type: Test Case Result
Parent: [Debouncer](#)
Start Time: 2021-12-18 19:26:15
End Time: 2021-12-18 19:26:17
Outcome: **Passed**

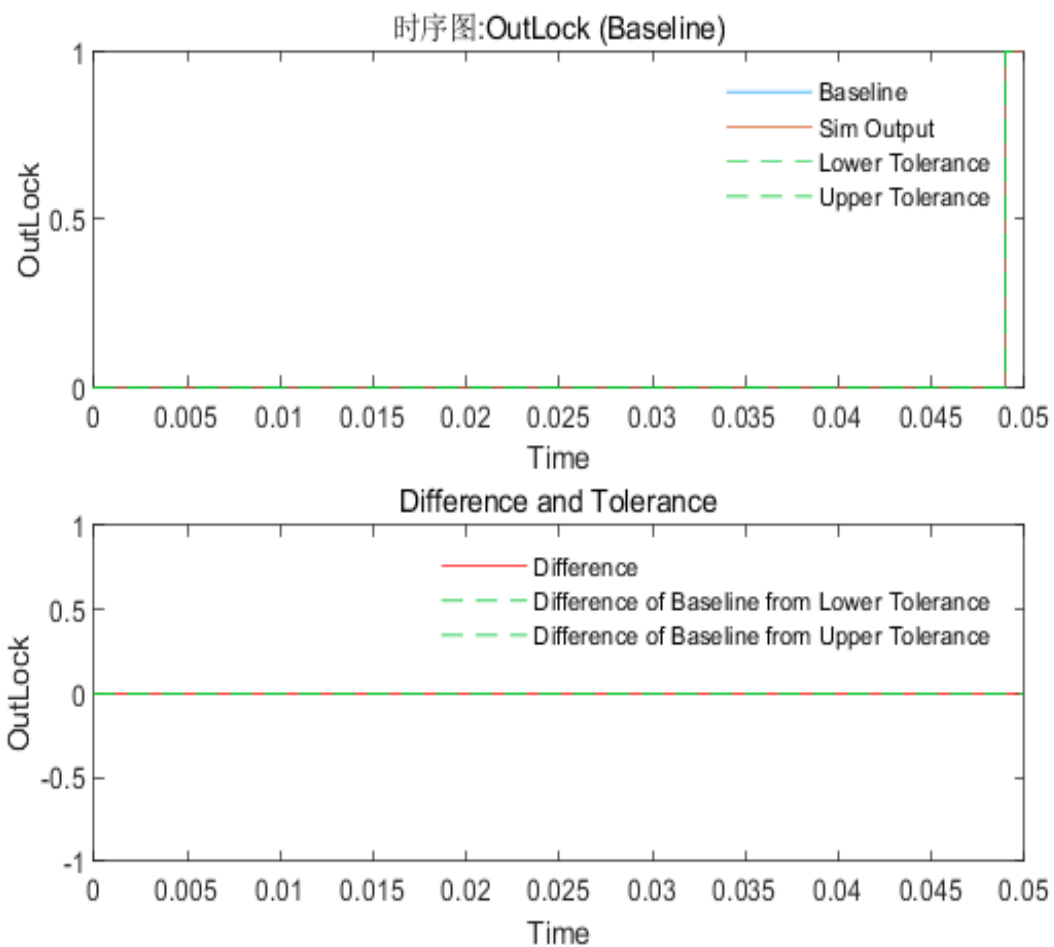
Test Case Information

Name: EI09_SWRS_Debouncer_2
Type: Baseline Test
Baseline Name: EI09_SWUT_MIL_Debouncer_03
Baseline File: E:\EI09_Project\ei09\03_Controller_Models\02_Platform_Models\01_Platformmodels\FS\TCF\TCF_V2\TestCase_TCF.xlsx

Baseline Comparison

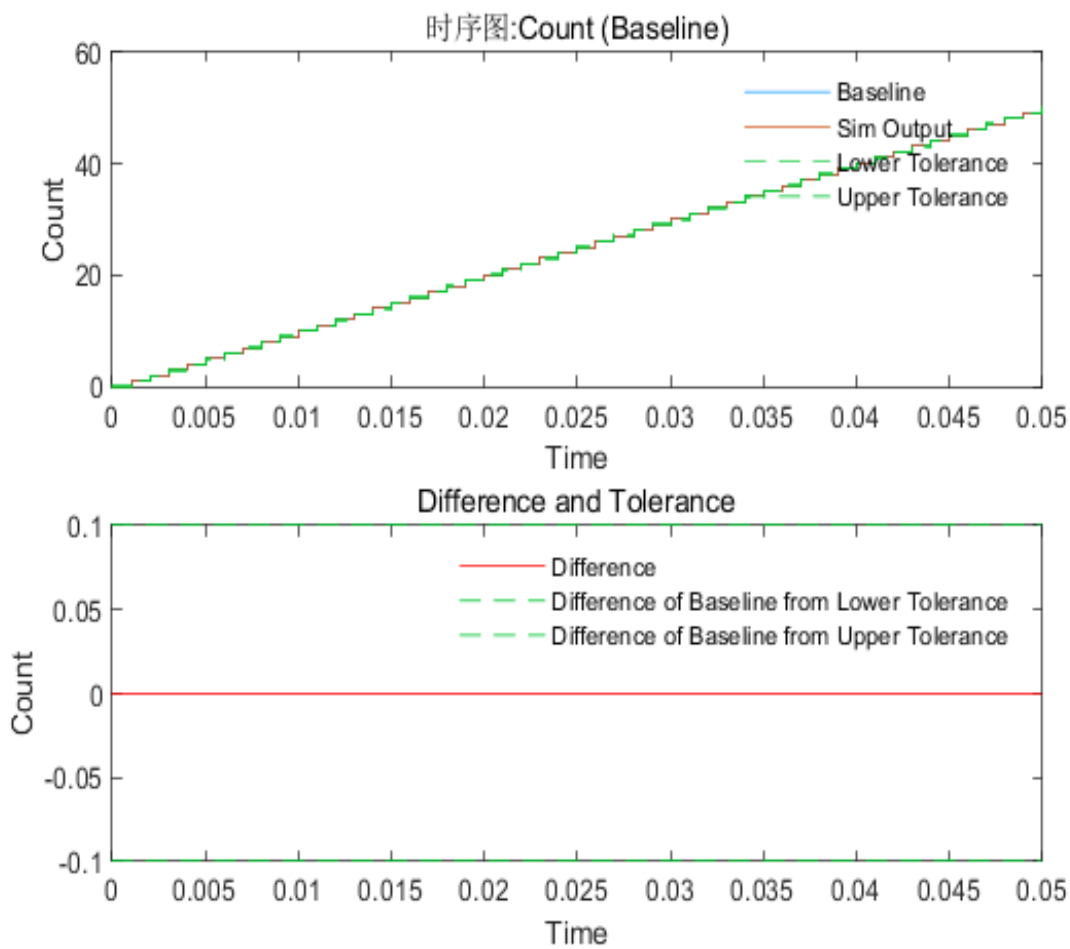
Name	Abs Tol	Rel Tol	Lead Tol	Lag Tol	Max Diff	Data Type 1	Units 1	Sample Time 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync	Link to Plot
✔ OutLock	0.1	0	0	0	0	boolean			boolean			zoh	union	Link
✔ Count	0.1	0	0	0	0	int16			int16			zoh	union	Link
✔ Deb	0.1	0	0	0	0	int16			int16			zoh	union	Link

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
✔ OutLock	0.1	0	0	0	0	boolean			boolean			zoh	union



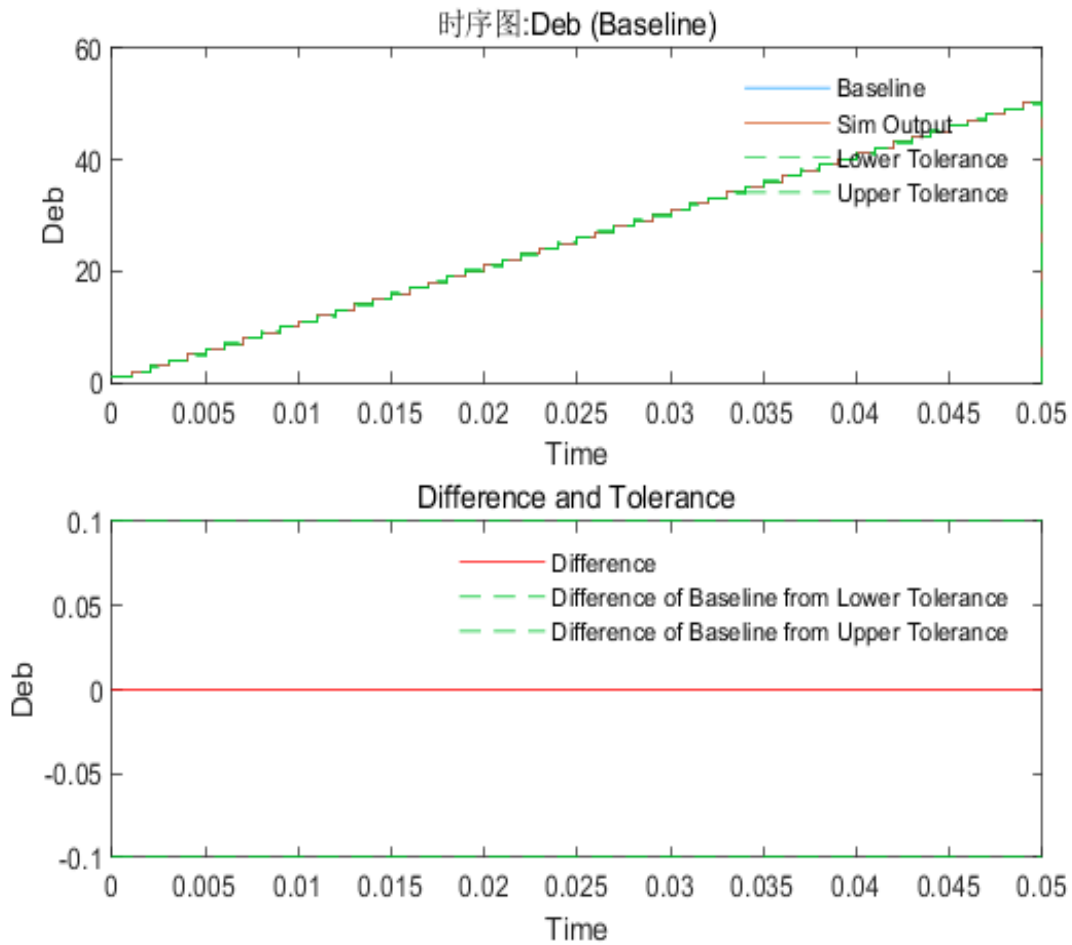
[Back to Report Summary](#)[Back to Criteria Results](#)

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
✔ Count	0.1	0	0	0	0	int16			int16			zoh	union



[Back to Report Summary](#)[Back to Criteria Results](#)

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
✓ Deb	0.1	0	0	0	0	int16			int16			zoh	union



[Back to Report Summary](#)[Back to Criteria Results](#)

EI09_SWUT_MIL_Debouncer_03

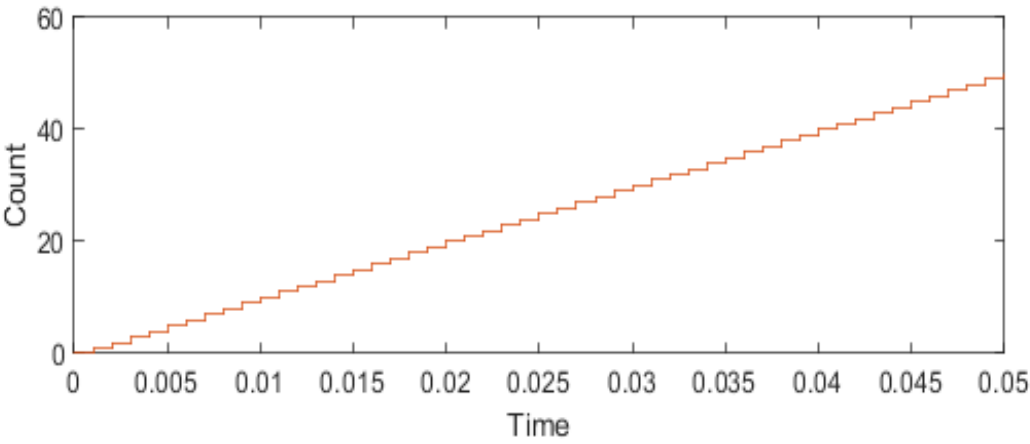
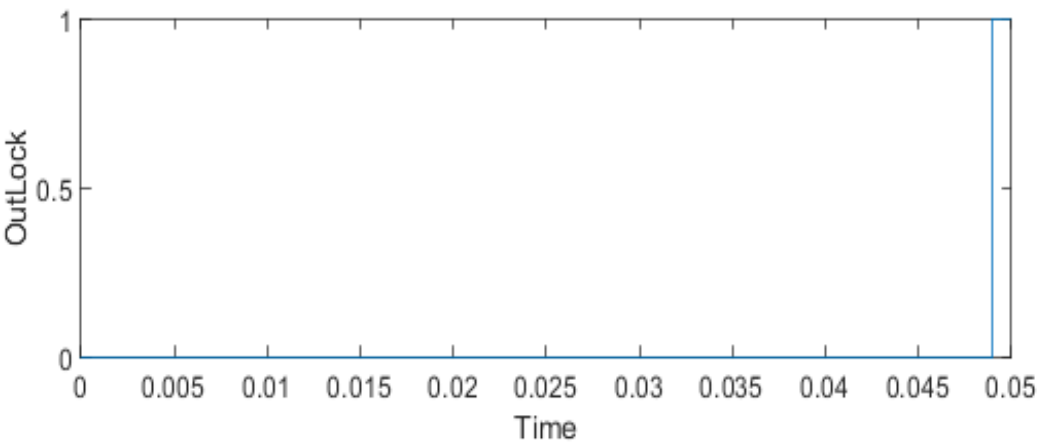
Baseline Information

Baseline Name: EI09_SWUT_MIL_Debouncer_03
 Baseline 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
OutLock	boolean			zoh	union	Link

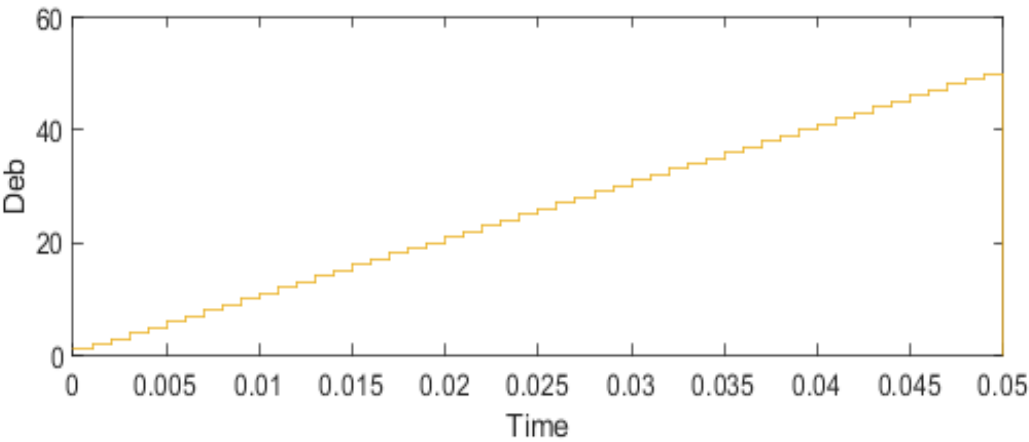
Count	int16				zoh	union	Link
Deb	int16				zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
OutLock	boolean			zoh	union
Count	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Name	Data Type	Units	Sample Time	Interp	Sync
Deb	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Input Data

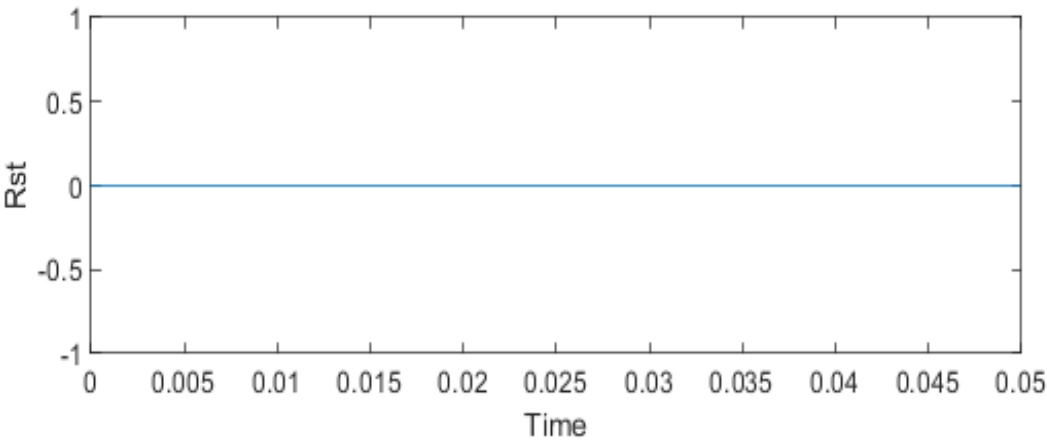
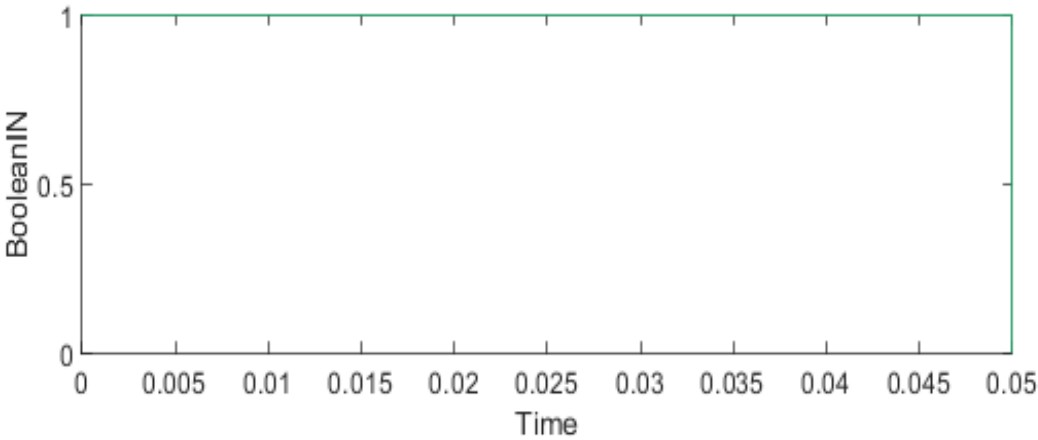
Input Information

External Input Name: EI09_SWUT_MIL_Debouncer_03

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

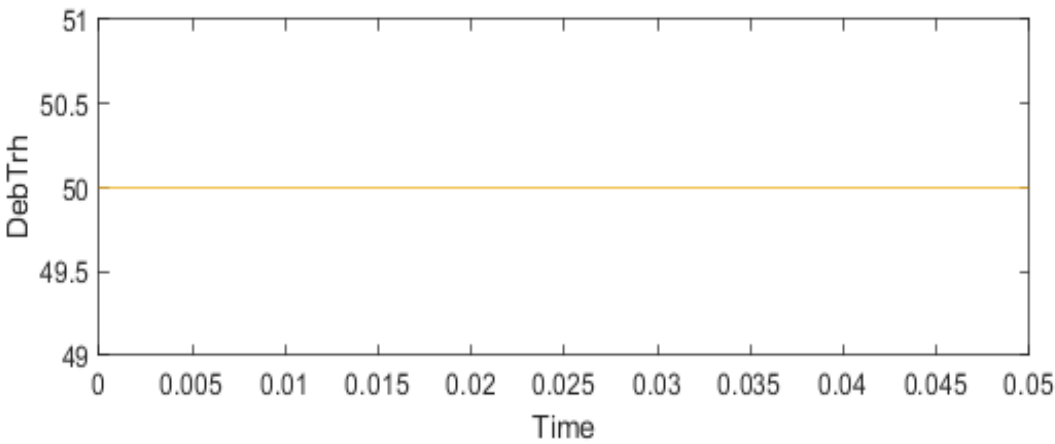
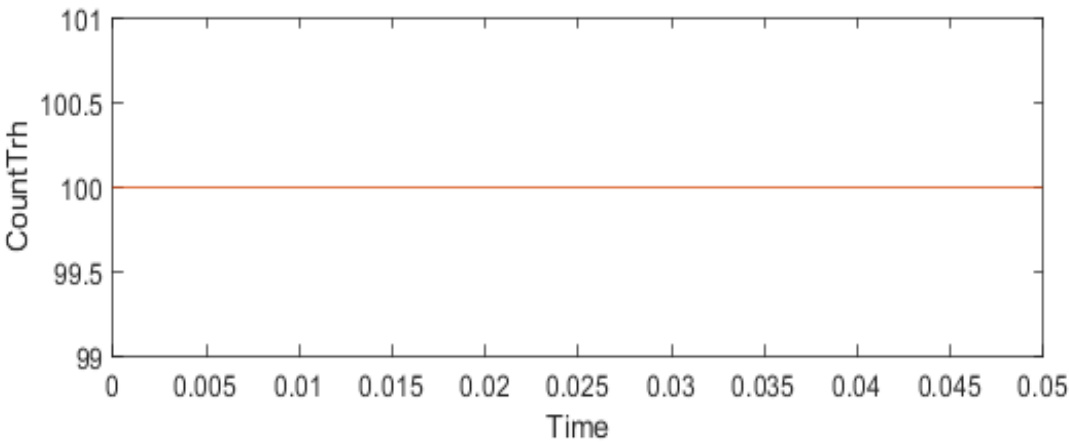
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
BooleanIN	boolean			zoh	union	Link
Rst	boolean			zoh	union	Link
CountTrh	int16			zoh	union	Link
DebTrh	int16			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
BooleanIN	boolean			zoh	union
Rst	boolean			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Name	Data Type	Units	Sample Time	Interp	Sync
CountTrh	int16			zoh	union
DebTrh	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Simulation

System Under Test Information

Model: SWC_TCF
Harness: SWC_TCF_Harness_Debouncer
Harness Owner: SWC_TCF/SWC_TCF_1ms_sys/Debounce
Simulation Mode: normal

Override SIL or PIL Mod 0

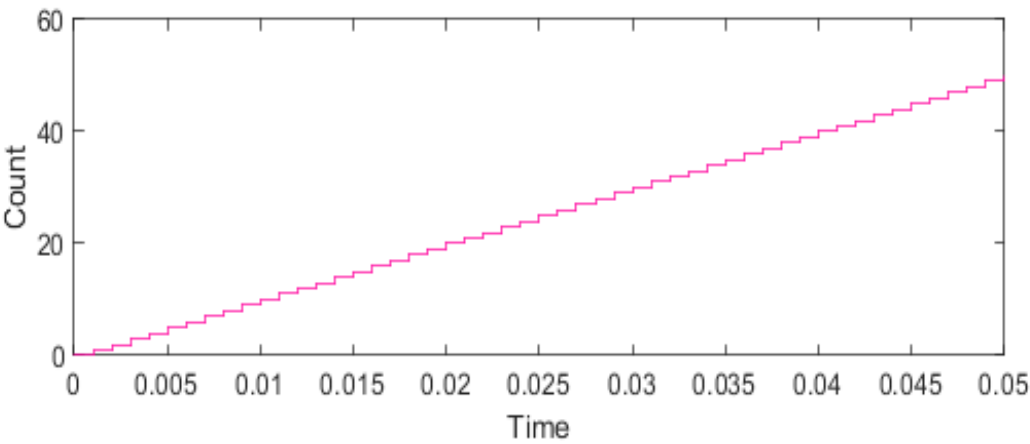
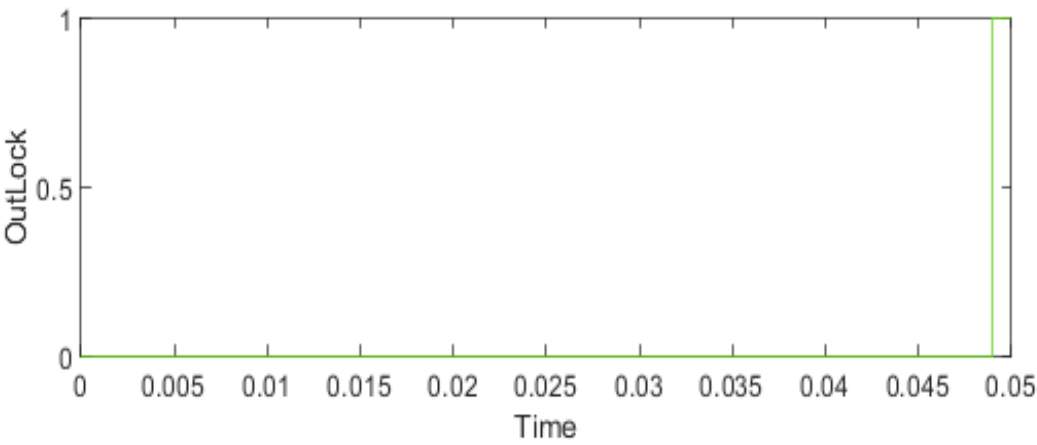
e:

Configuration Set: Configuration1
External Input Name: EI09_SWUT_MIL_Debouncer_03
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: 0.050000000000000003
Checksum: 944823193 3446748209 4091885579 3684280232
Simulink Version: 10.1
Model Version: 1.1
Model Author: dongliyuan
Date: Tue Aug 10 16:53:31 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 19:26:15
Simulation Stop Time: 2021-12-18 19:26:15
Platform: PCWIN64

Simulation Output

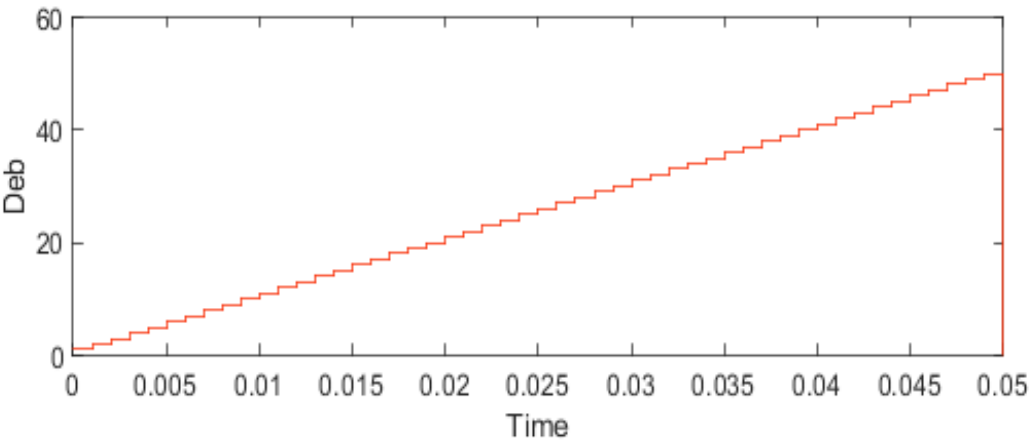
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
OutLock	boolean			zoh	union	Link
Count	int16			zoh	union	Link
Deb	int16			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
OutLock	boolean			zoh	union
Count	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Name	Data Type	Units	Sample Time	Interp	Sync
Deb	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Simulation Logs:
Simulation stopped at '0.050000000000000003' because there is no input data after this time point.

[Back to Report Summary](#)

Test Result Information

Result Type: Test Case Result
Parent: [Debouncer](#)
Start Time: 2021-12-18 19:26:18
End Time: 2021-12-18 19:26:21
Outcome: **Passed**

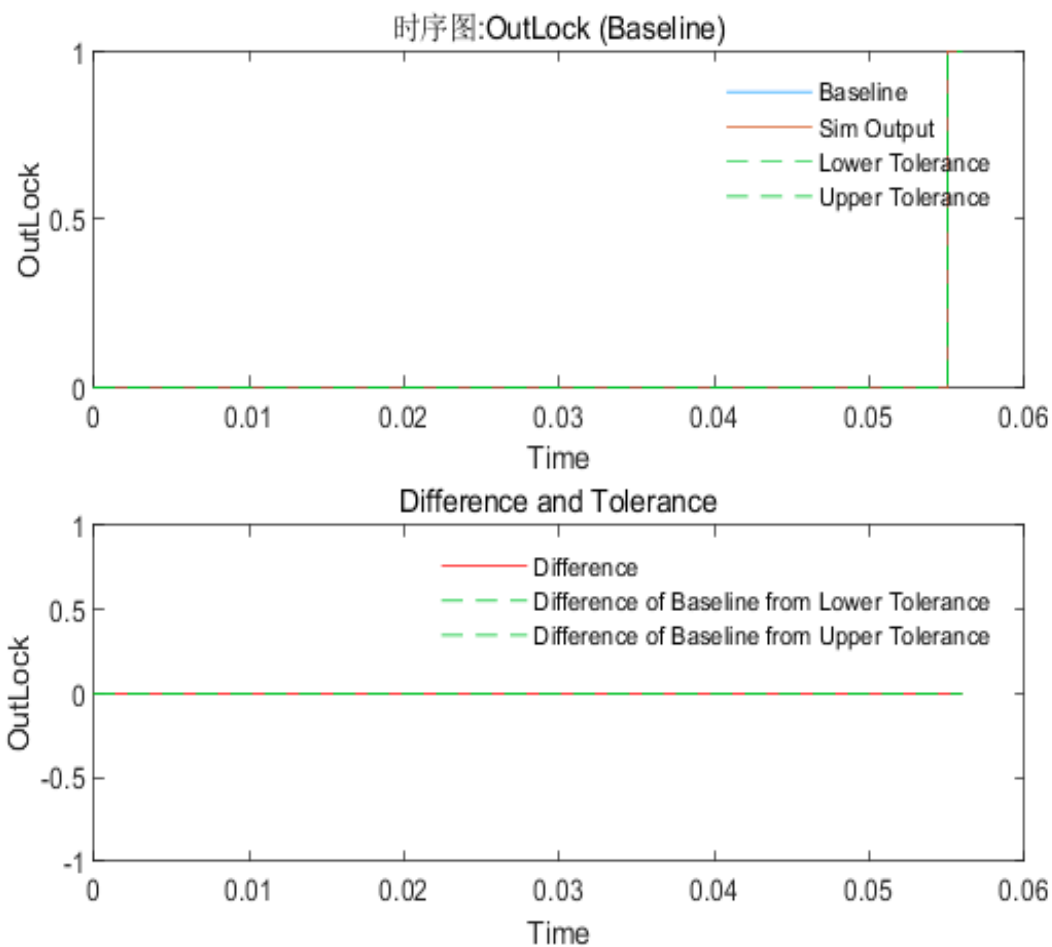
Test Case Information

Name: EI09_SWRS_Debouncer_3
Type: Baseline Test
Baseline Name: EI09_SWUT_MIL_Debouncer_04
Baseline File: E:\EI09_Project\ei09\03_Controller_Models\02_Platform_Models\01_Platformmodels\FS\TCF\TCF_V2\TestCase_TCF.xlsx

Baseline Comparison

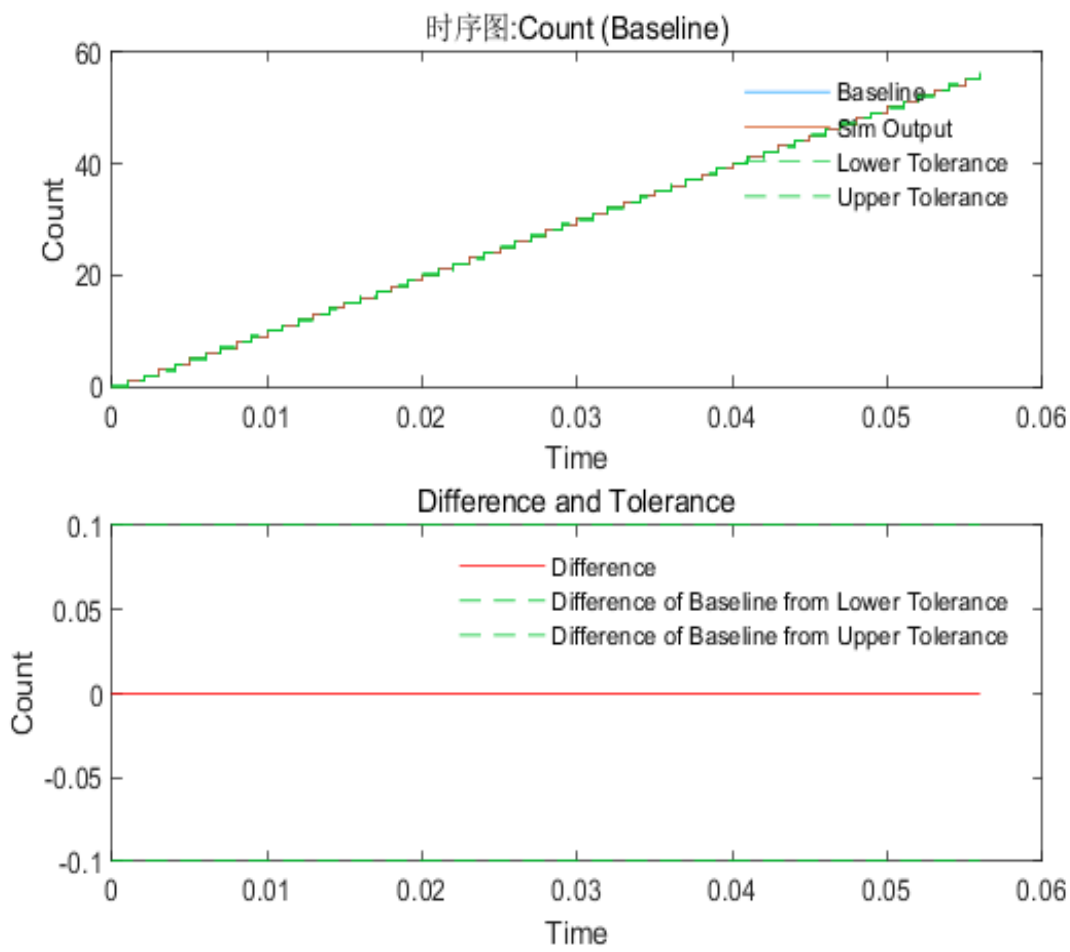
Name	Abs Tol	Rel Tol	Lead Tol	Lag Tol	Max Diff	Data Type 1	Units 1	Sample Time 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync	Link to Plot
✓ OutLock	0.1	0	0	0	0	boolean			boolean			zoh	union	Link
✓ Count	0.1	0	0	0	0	int16			int16			zoh	union	Link
✓ Deb	0.1	0	0	0	0	int16			int16			zoh	union	Link

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
✓ OutLock	0.1	0	0	0	0	boolean			boolean			zoh	union



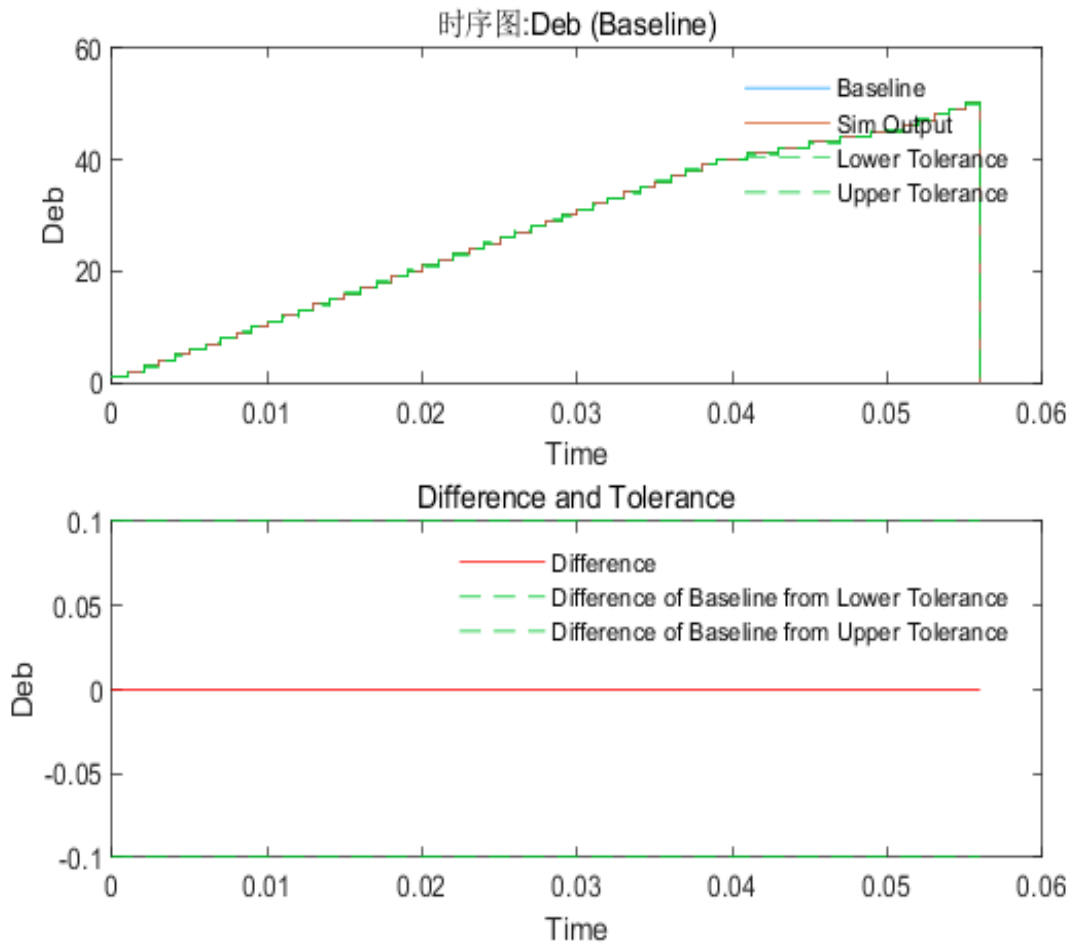
[Back to Report Summary](#)[Back to Criteria Results](#)

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
✔ Count	0.1	0	0	0	0	int16			int16			zoh	union



[Back to Report Summary](#)[Back to Criteria Results](#)

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
✓ Deb	0.1	0	0	0	0	int16			int16			zoh	union



[Back to Report Summary](#)[Back to Criteria Results](#)

EI09_SWUT_MIL_Debouncer_04

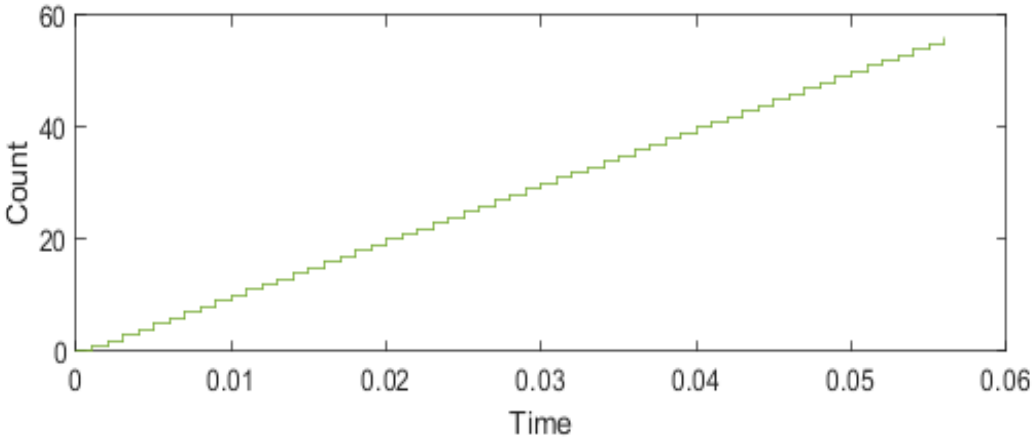
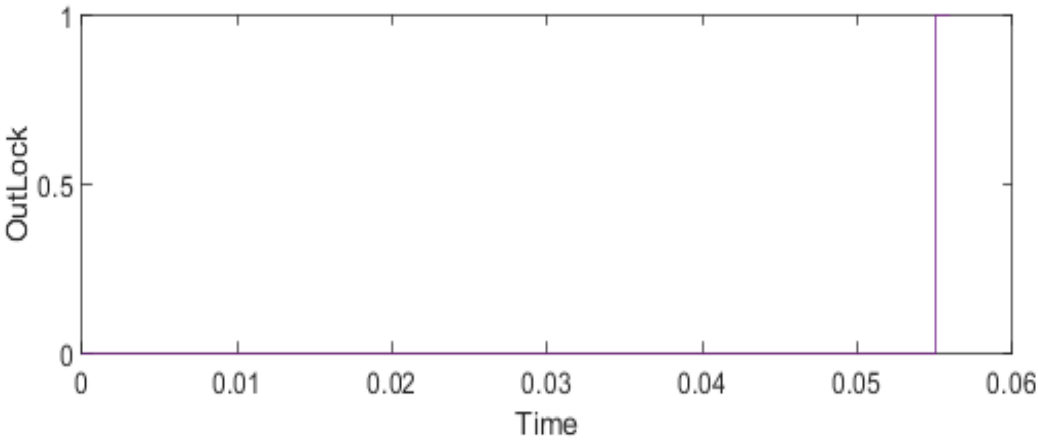
Baseline Information

Baseline Name: EI09_SWUT_MIL_Debouncer_04
 Baseline 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
OutLock	boolean			zoh	union	Link

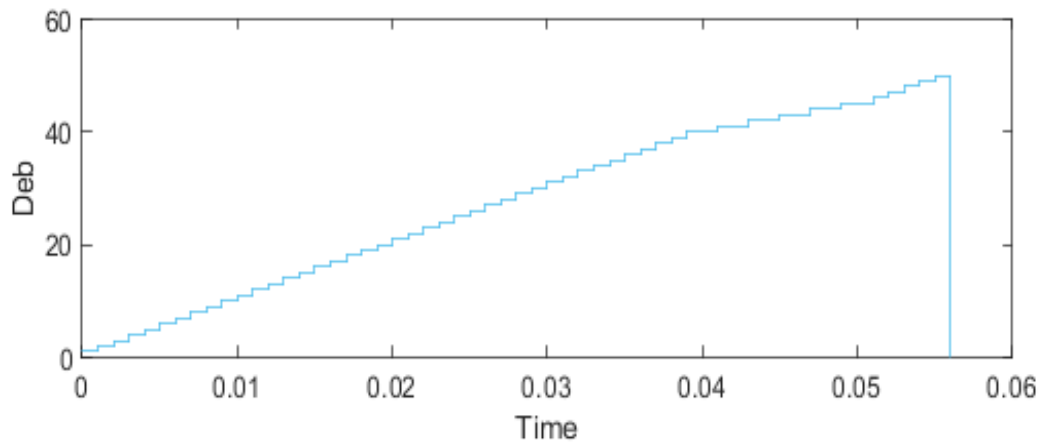
Count	int16				zoh	union	Link
Deb	int16				zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
OutLock	boolean			zoh	union
Count	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Name	Data Type	Units	Sample Time	Interp	Sync
Deb	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Input Data

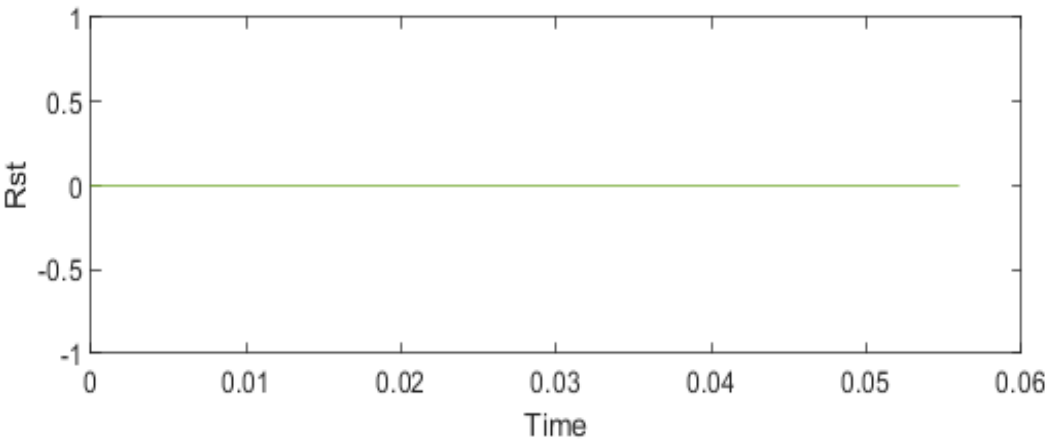
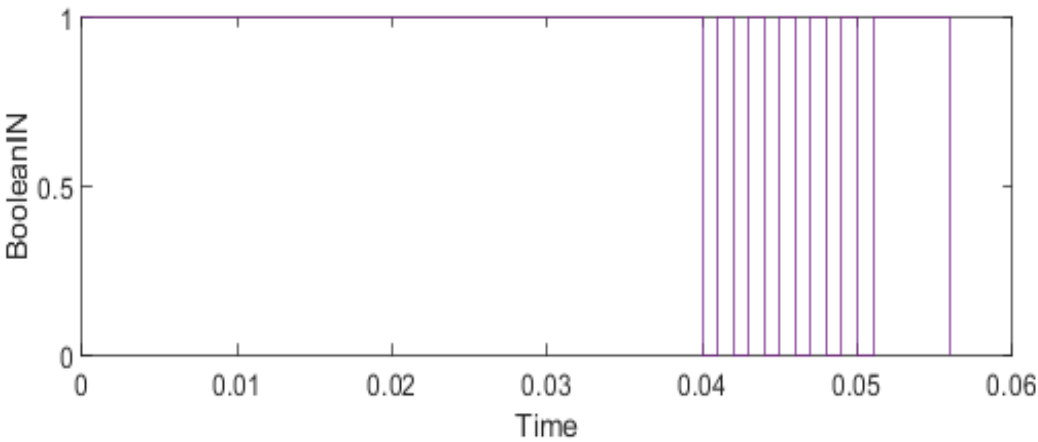
Input Information

External Input Name: EI09_SWUT_MIL_Debouncer_04

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

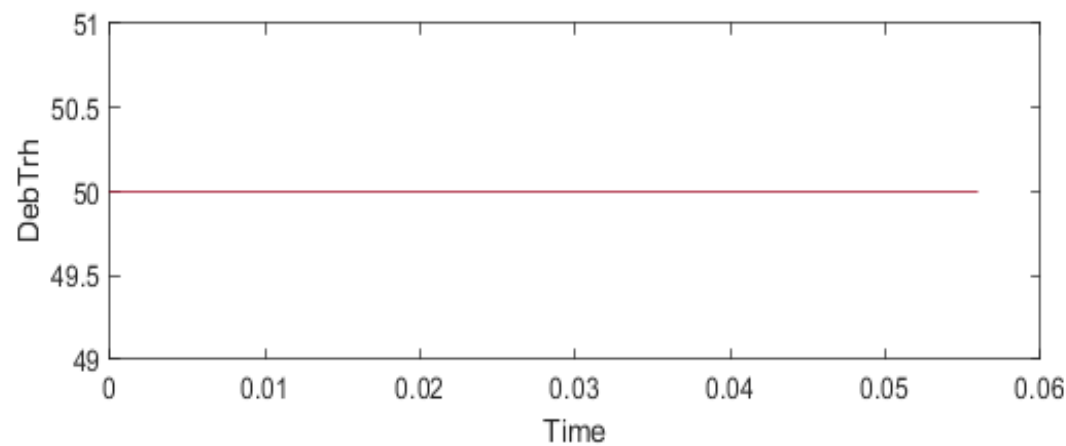
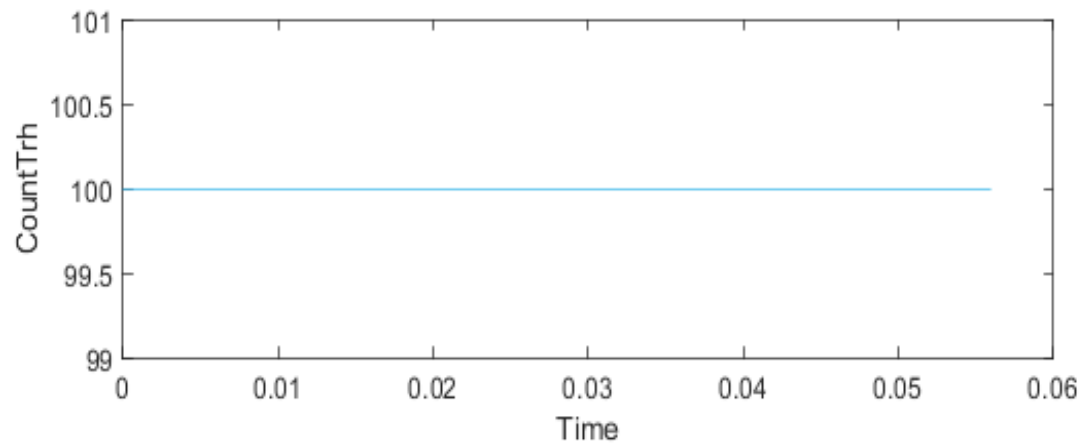
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
BooleanIN	boolean			zoh	union	Link
Rst	boolean			zoh	union	Link
CountTrh	int16			zoh	union	Link
DebTrh	int16			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
BooleanIN	boolean			zoh	union
Rst	boolean			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Name	Data Type	Units	Sample Time	Interp	Sync
CountTrh	int16			zoh	union
DebTrh	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Simulation

System Under Test Information

Model: SWC_TCF
Harness: SWC_TCF_Harness_Debouncer
Harness Owner: SWC_TCF/SWC_TCF_1ms_sys/Debounce
Simulation Mode: normal

Override SIL or PIL Mod 0

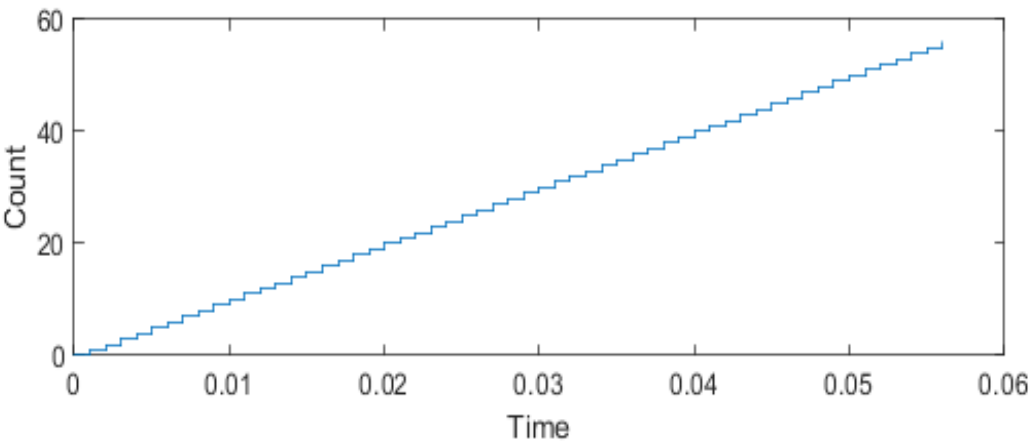
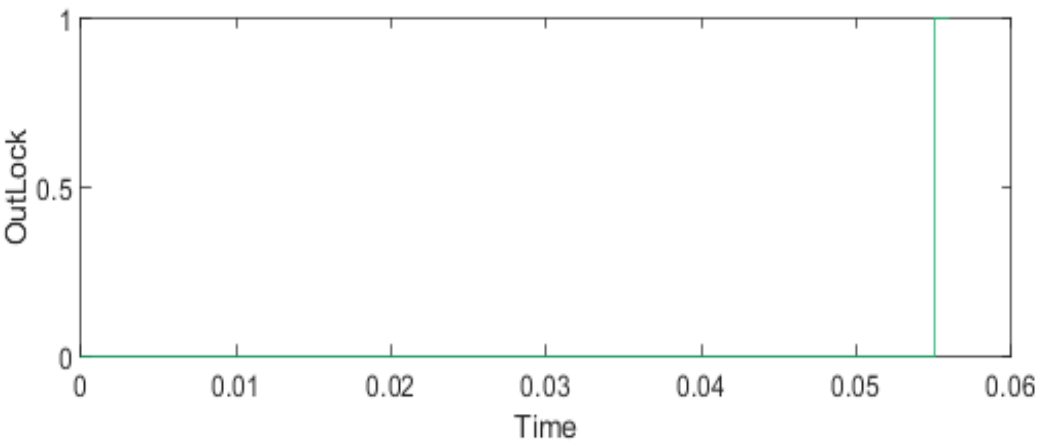
e:

Configuration Set: Configuration1
External Input Name: EI09_SWUT_MIL_Debouncer_04
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: 0.056000000000000001
Checksum: 2423774204 2916392130 1180571948 1936751900
Simulink Version: 10.1
Model Version: 1.1
Model Author: dongliyuan
Date: Tue Aug 10 16:53:31 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 19:26:18
Simulation Stop Time: 2021-12-18 19:26:19
Platform: PCWIN64

Simulation Output

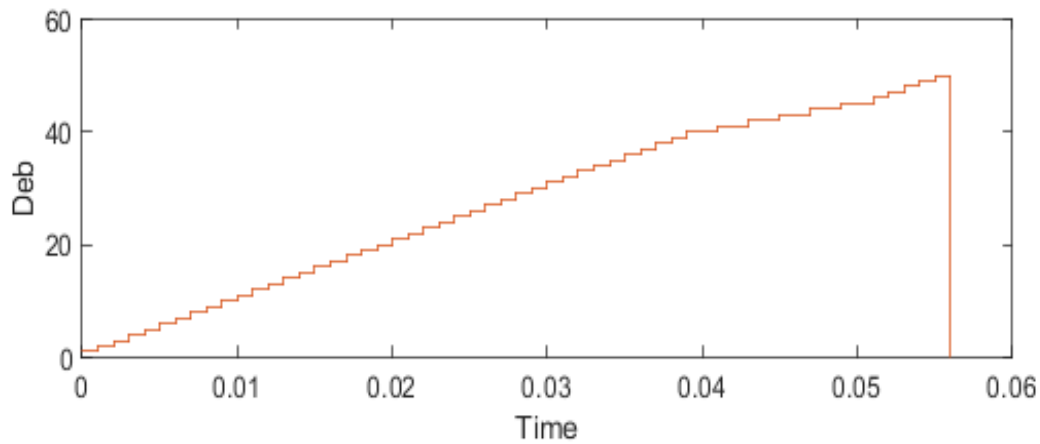
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
OutLock	boolean			zoh	union	Link
Count	int16			zoh	union	Link
Deb	int16			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
OutLock	boolean			zoh	union
Count	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Name	Data Type	Units	Sample Time	Interp	Sync
Deb	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Simulation Logs:
Simulation stopped at '0.056000000000000001' because there is no input data after this time point.

[Back to Report Summary](#)

Test Result Information

Result Type: Test Case Result
Parent: [Debouncer](#)
Start Time: 2021-12-18 19:26:22
End Time: 2021-12-18 19:26:25
Outcome: **Passed**

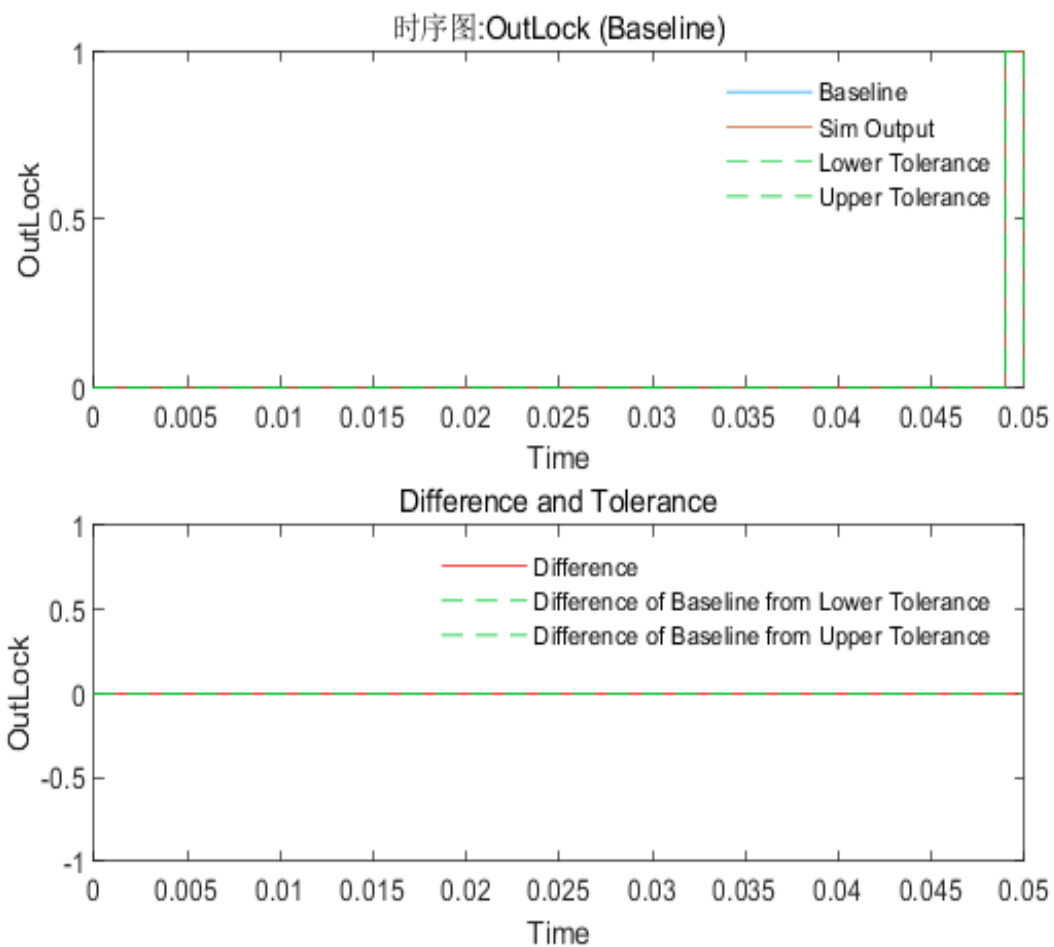
Test Case Information

Name: EI09_SWRS_Debouncer_4
Type: Baseline Test
Baseline Name: EI09_SWUT_MIL_Debouncer_05
Baseline File: E:\EI09_Project\ei09\03_Controller_Models\02_Platform_Models\01_Platformmodels\FS\TCF\TCF_V2\TestCase_TCF.xlsx

Baseline Comparison

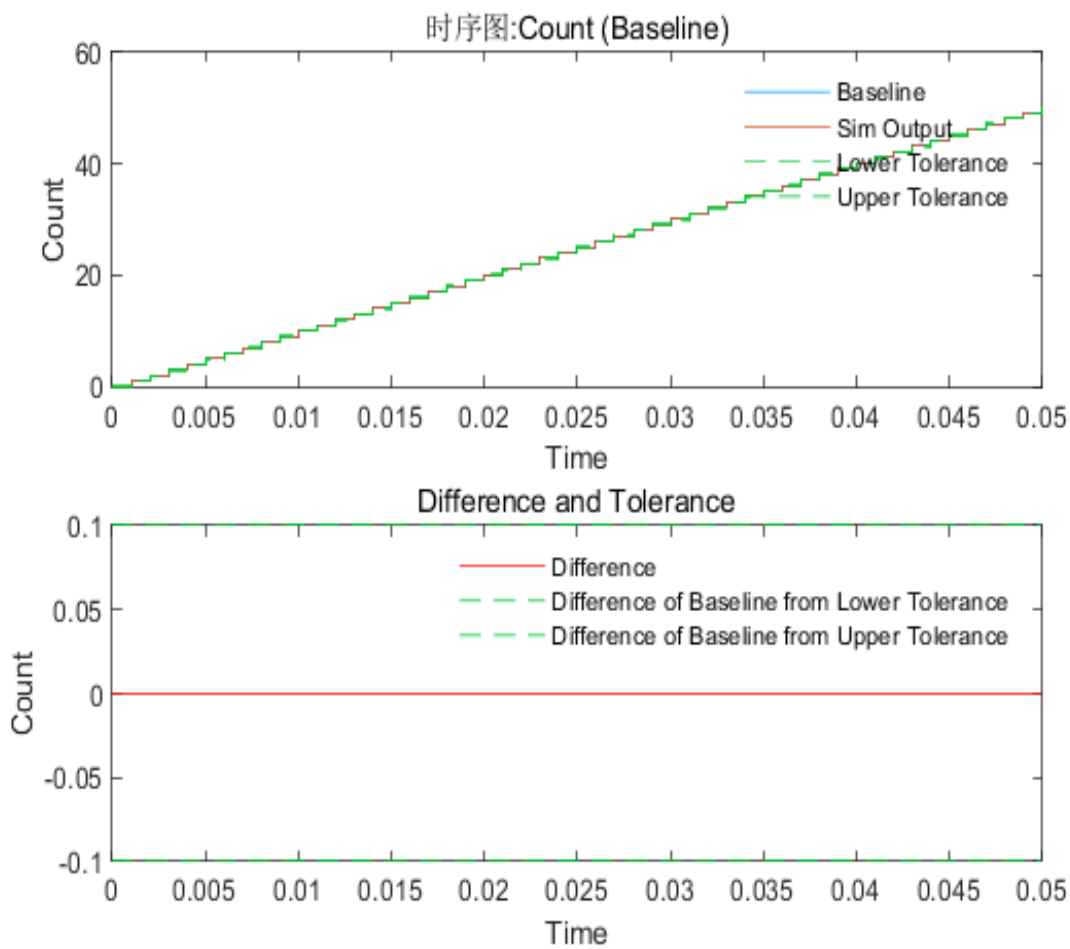
Name	Abs Tol	Rel Tol	Lead Tol	Lag Tol	Max Diff	Data Type 1	Units 1	Sample Time 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync	Link to Plot
✓ OutLock	0.1	0	0	0	0	boolean			boolean			zoh	union	Link
✓ Count	0.1	0	0	0	0	int16			int16			zoh	union	Link
✓ Deb	0.1	0	0	0	0	int16			int16			zoh	union	Link

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
✓ OutLock	0.1	0	0	0	0	boolean			boolean			zoh	union



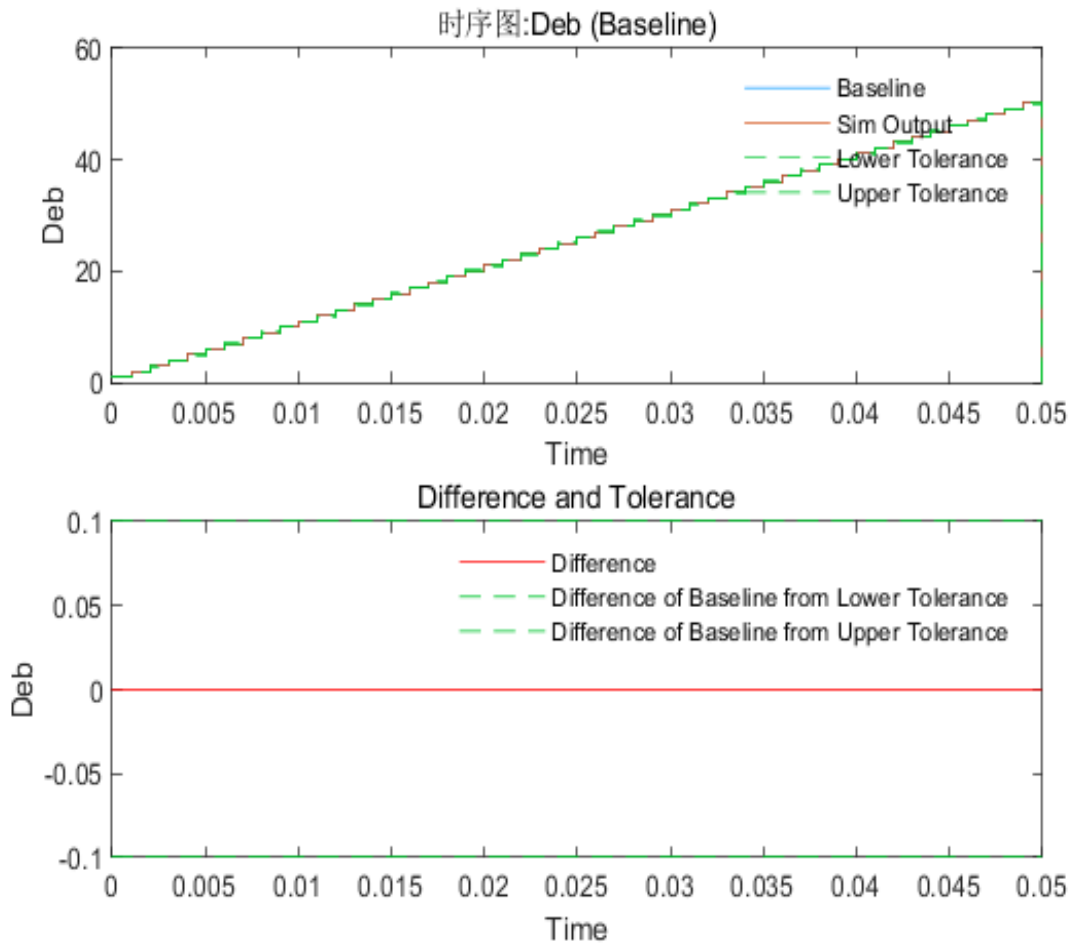
[Back to Report Summary](#)[Back to Criteria Results](#)

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
✔ Count	0.1	0	0	0	0	int16			int16			zoh	union



[Back to Report Summary](#)[Back to Criteria Results](#)

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
✓ Deb	0.1	0	0	0	0	int16			int16			zoh	union



[Back to Report Summary](#)[Back to Criteria Results](#)

EI09_SWUT_MIL_Debouncer_05

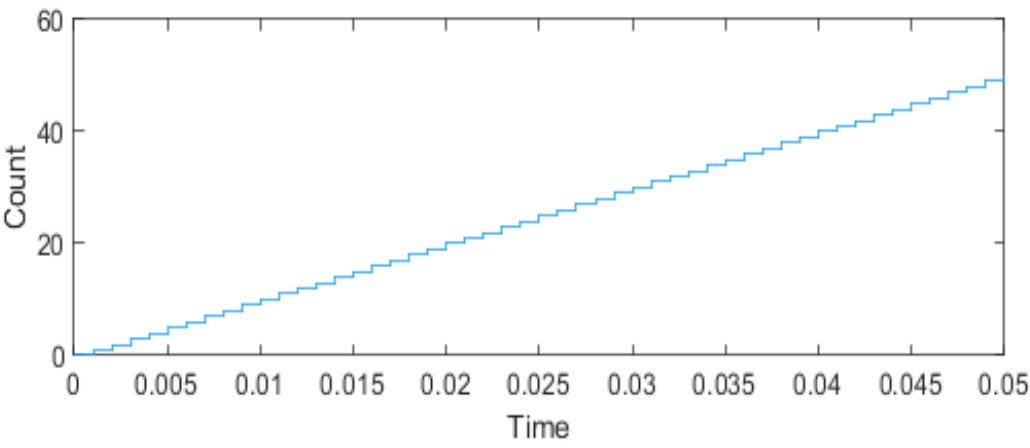
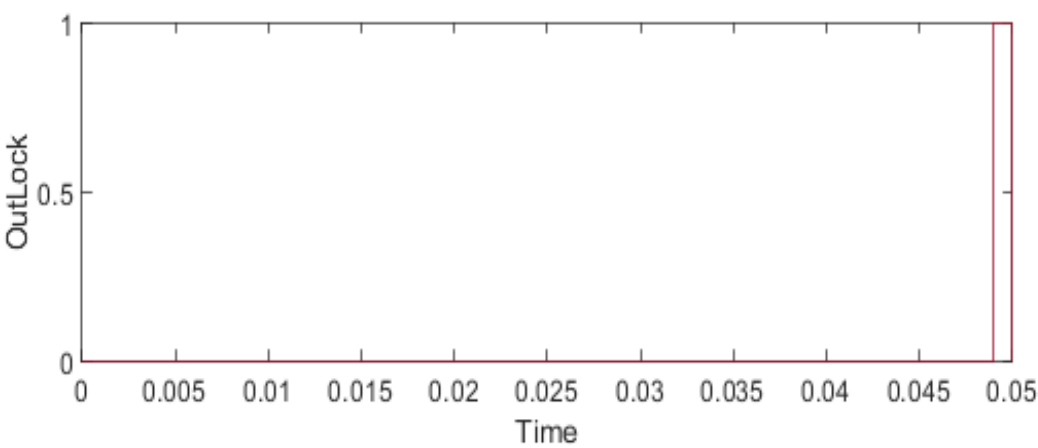
Baseline Information

Baseline Name: EI09_SWUT_MIL_Debouncer_05
 Baseline 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
OutLock	boolean			zoh	union	Link

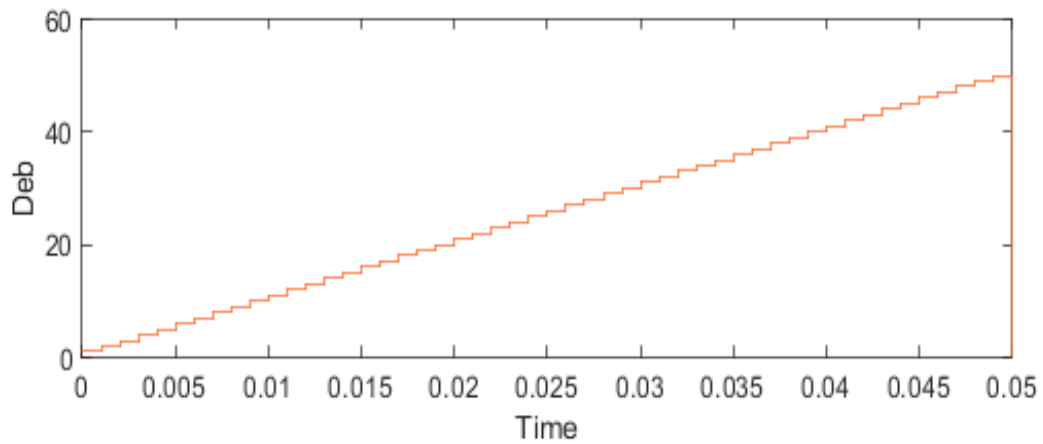
Count	int16				zoh	union	Link
Deb	int16				zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
OutLock	boolean			zoh	union
Count	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Name	Data Type	Units	Sample Time	Interp	Sync
Deb	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Input Data

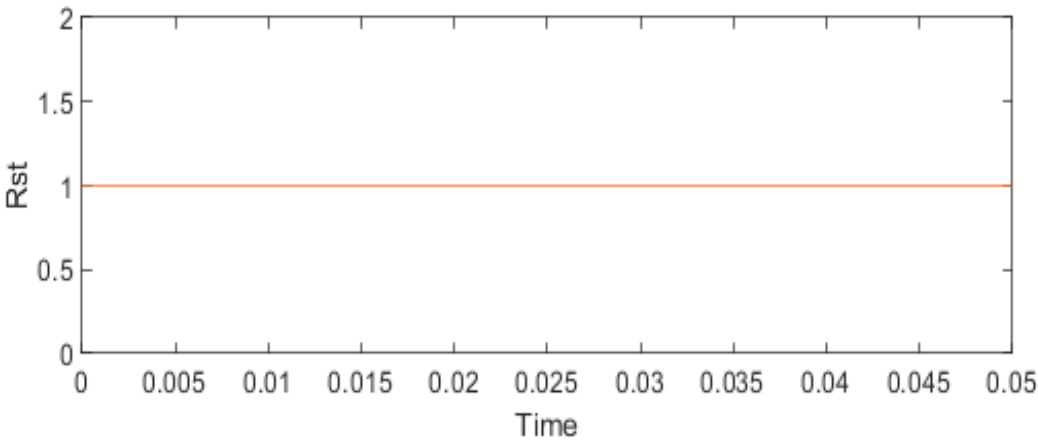
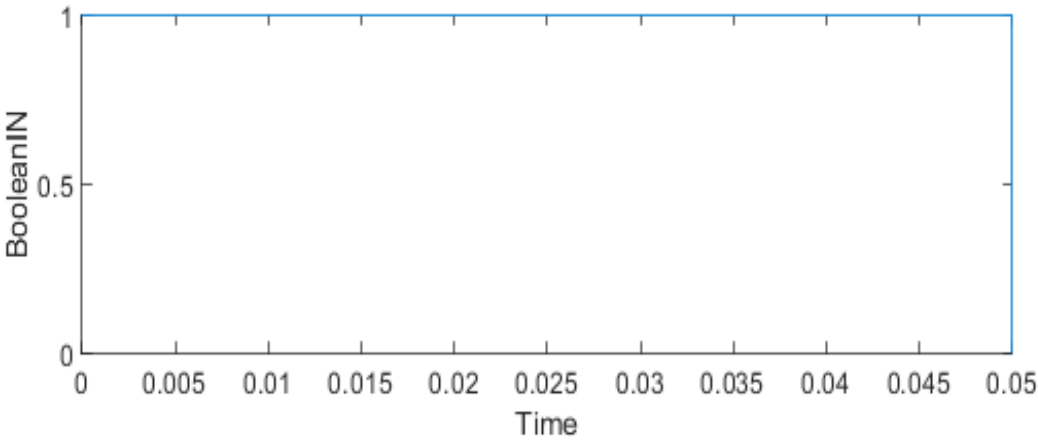
Input Information

External Input Name: EI09_SWUT_MIL_Debouncer_05

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

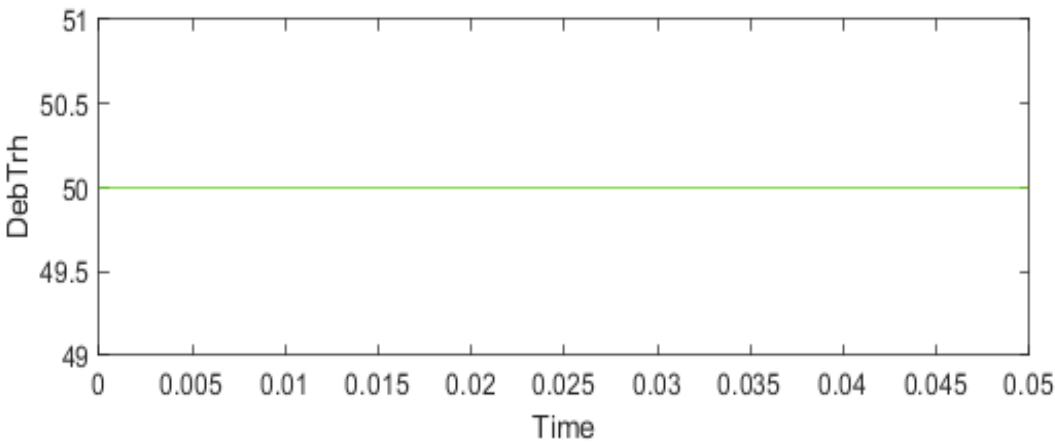
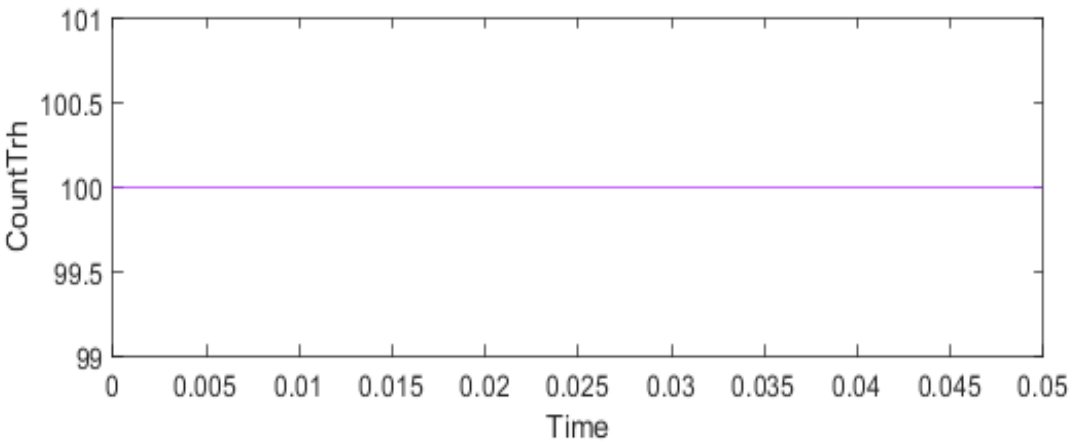
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
BooleanIN	boolean			zoh	union	Link
Rst	boolean			zoh	union	Link
CountTrh	int16			zoh	union	Link
DebTrh	int16			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
BooleanIN	boolean			zoh	union
Rst	boolean			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Name	Data Type	Units	Sample Time	Interp	Sync
CountTrh	int16			zoh	union
DebTrh	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Simulation

System Under Test Information

Model: SWC_TCF
Harness: SWC_TCF_Harness_Debouncer
Harness Owner: SWC_TCF/SWC_TCF_1ms_sys/Debounce
Simulation Mode: normal

Override SIL or PIL Mod 0

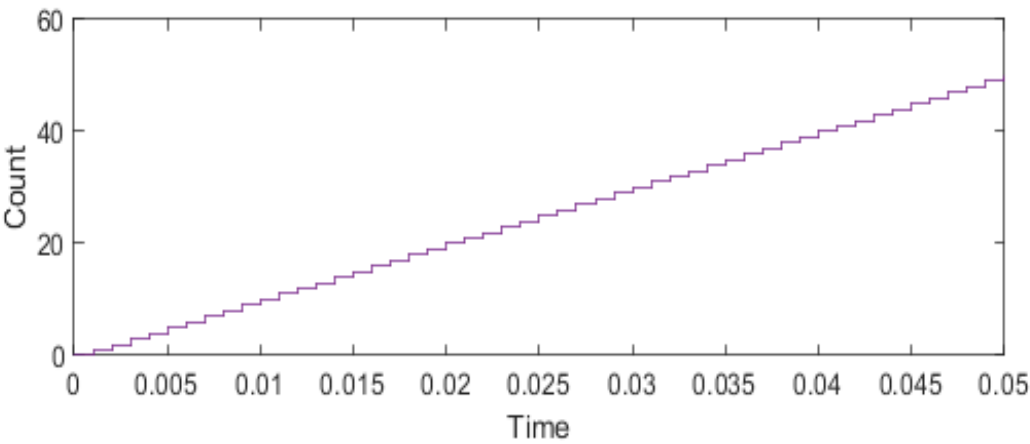
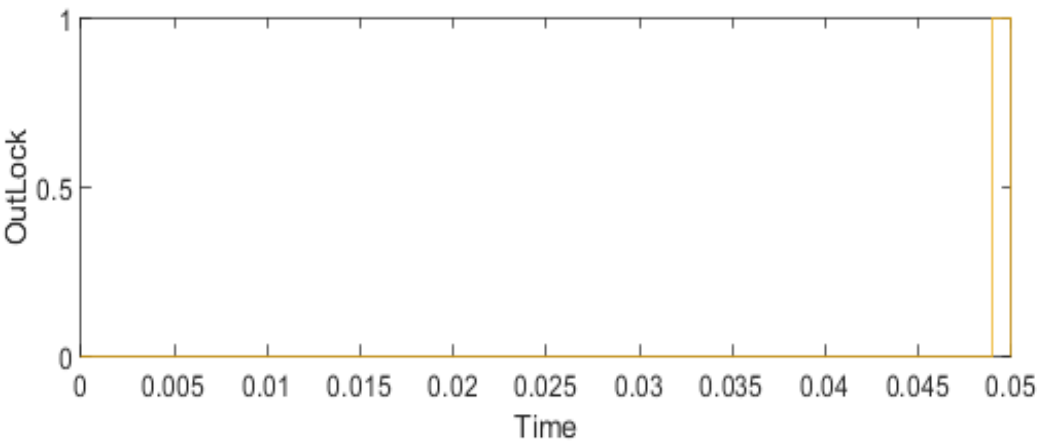
e:

Configuration Set: Configuration1
External Input Name: EI09_SWUT_MIL_Debouncer_05
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: 0.050000000000000003
Checksum: 944823193 3446748209 4091885579 3684280232
Simulink Version: 10.1
Model Version: 1.1
Model Author: dongliyuan
Date: Tue Aug 10 16:53:31 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 19:26:22
Simulation Stop Time: 2021-12-18 19:26:23
Platform: PCWIN64

Simulation Output

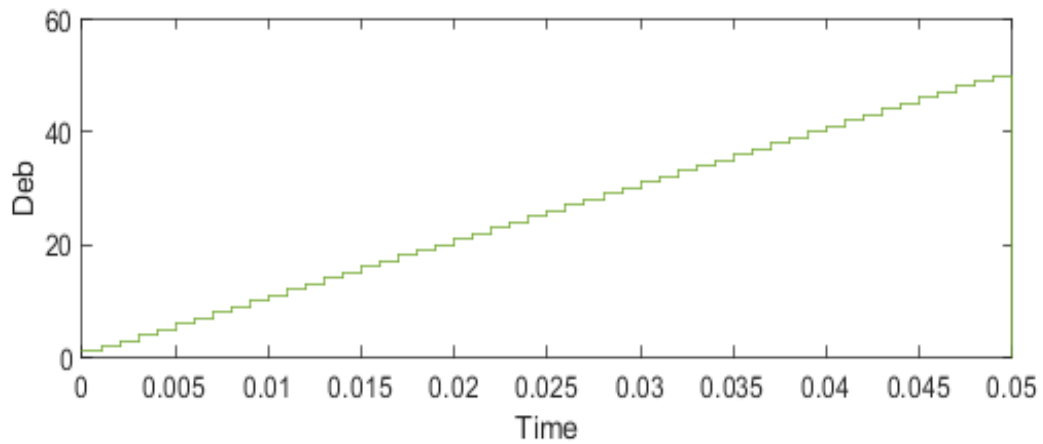
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
OutLock	boolean			zoh	union	Link
Count	int16			zoh	union	Link
Deb	int16			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
OutLock	boolean			zoh	union
Count	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Name	Data Type	Units	Sample Time	Interp	Sync
Deb	int16			zoh	union



[Back to Report Summary](#)[Back to Signal Summary](#)

Simulation Logs:
Simulation stopped at '0.050000000000000003' because there is no input data after this time point.

[Back to Report Summary](#)
