

Report Generated by Test Manager

Title: TCF_TrqBlend MIL Test Report

Author:

Date: 19-Dec-2021 09:59:19

Test Environment

Platform: PCWIN64

MATLAB: (R2020a)

Summary

Name	Outcome	Duration (Seconds)
 TrqBlend	6 	21.682
 EI09_SWUT_MIL_TrqBlend_01		2.881
 EI09_SWUT_MIL_TrqBlend_02		2.489
 EI09_SWUT_MIL_TrqBlend_03		2.329
 EI09_SWUT_MIL_TrqBlend_04		2.342
 EI09_SWUT_MIL_TrqBlend_05		2.33
 EI09_SWUT_MIL_TrqBlend_06		2.327

TrqBlend

Test Result Information

Result Type: Test Suite Result
Parent: None
Start Time: 2021-12-18 19:25:43
End Time: 2021-12-18 19:26:05
Outcome: Total: 6, **Passed: 6**

Test Suite Information

Name: TrqBlend

Aggregated Coverage Results

Analyzed Model	Sim Mode	Complexity	Decision
 SWC TCF/SWC TCF_1ms_sys/TrqBlendProc/TrqBlend	Normal	7	100%

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EI09_SWUT_MIL_TrqBlend_01


Test Result Information

Result Type: Test Case Result
Parent: [TrqBlend](#)
Start Time: 2021-12-18 19:25:43
End Time: 2021-12-18 19:25:46
Outcome: **Passed**

Test Case Information

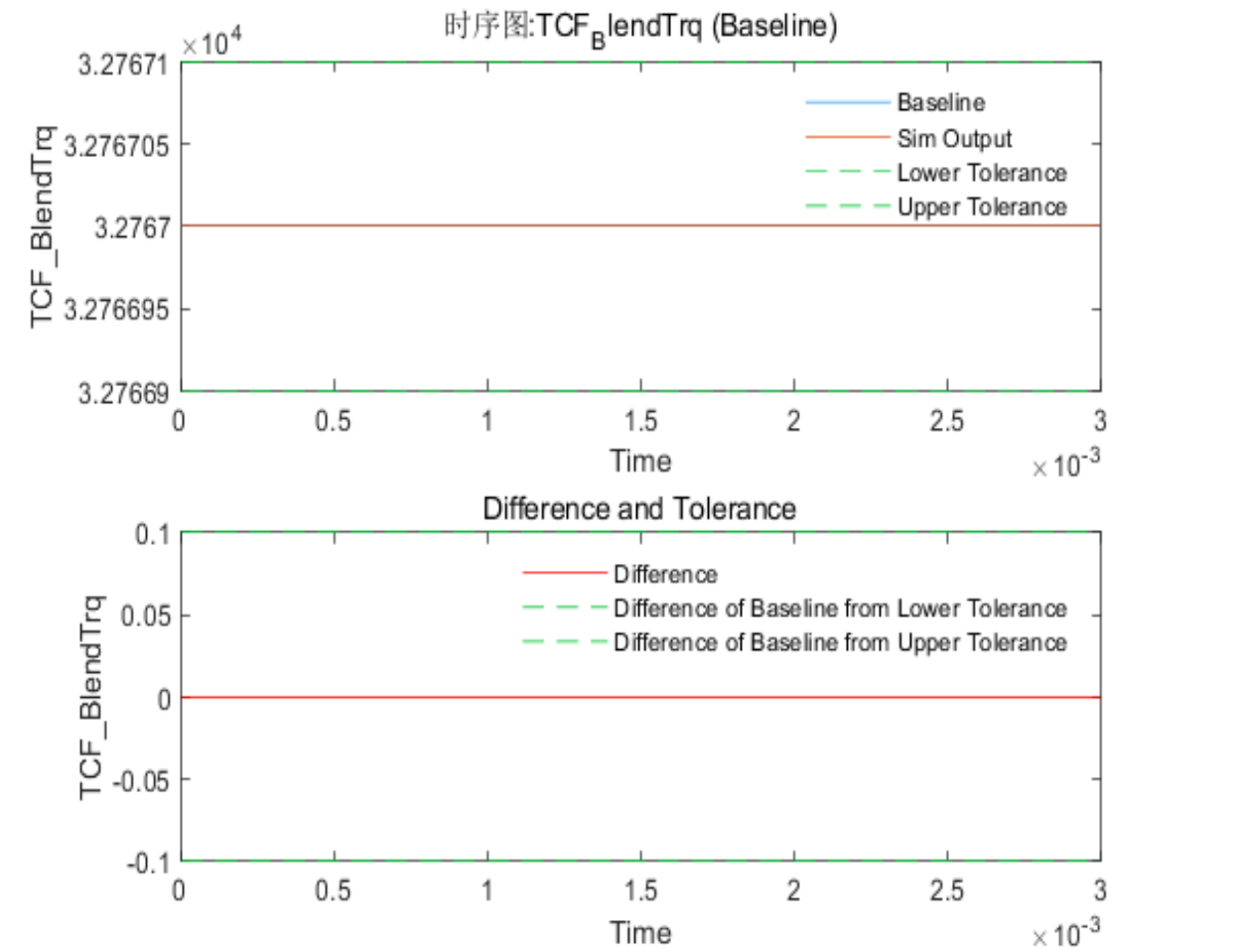
Name: EI09_SWUT_MIL_TrqBlend_01
Type: Baseline Test
Baseline Name: EI09_SWUT_MIL_TrqBlend_01
Baseline File: E:\EI09_Project\ei09\03_Controller_Models\02_Platform_Models\01_Platformmodels\FS\TCF\TCF_V2\TestCase_TCF.xlsx

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_Blen dTrq	0.1	0	0	0	0	single			single			zoh	union	Link

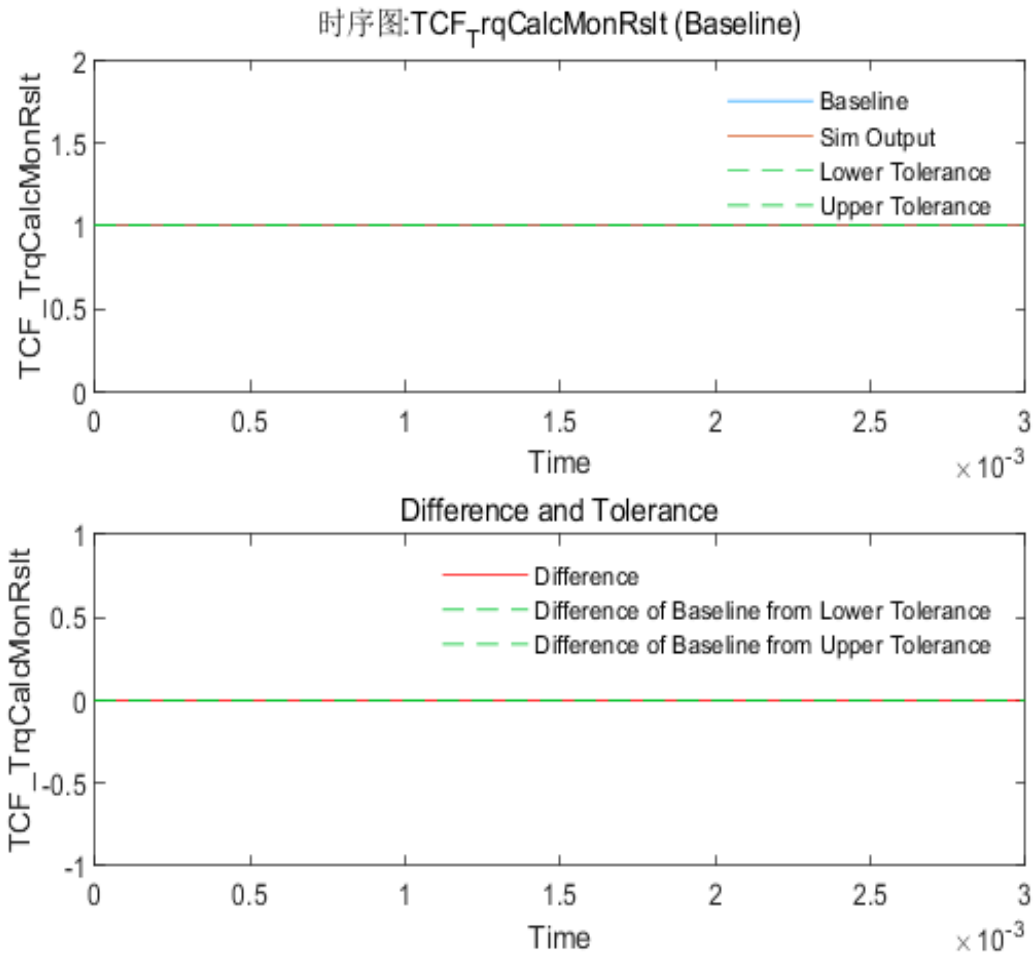
TCF_TrqC	0.1	0	0	0	0	boolean			boolean			zoh	union	Link
alcMonRslt														

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_BlendTrq	0.1	0	0	0	0	single			single			zoh	union



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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_TrqCalcMonRslt	0.1	0	0	0	0	boolean			boolean			zoh	union



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EI09_SWUT_MIL_TrqBlend_01

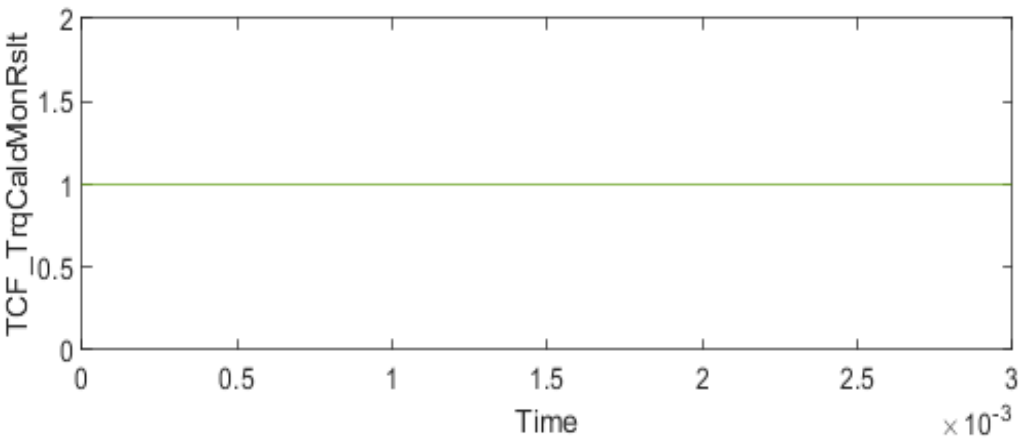
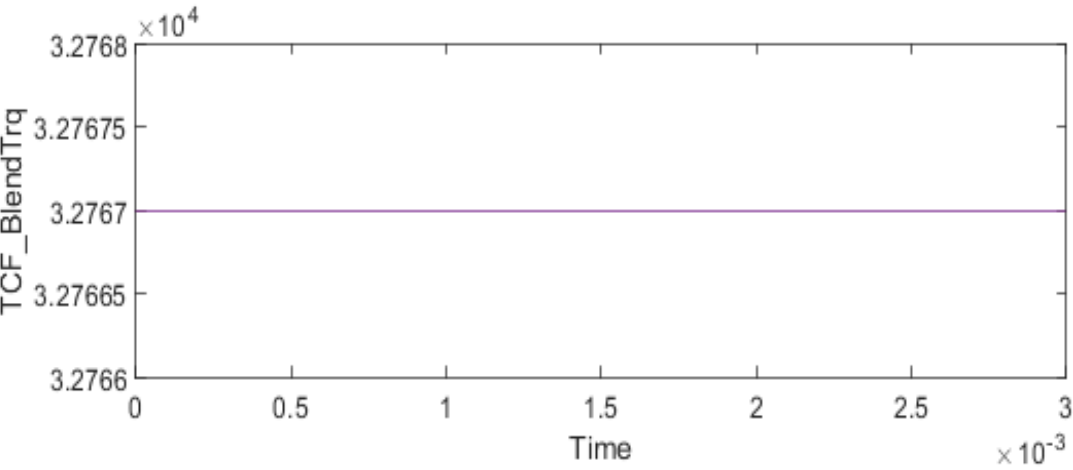
Baseline Information

Baseline Name: EI09_SWUT_MIL_TrqBlend_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
TCF_BlendTrq	single			zoh	union	Link
TCF_TrqCalcMonRslt	boolean			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_BlendTrq	single			zoh	union
TCF_TrqCalcMonRslt	boolean			zoh	union



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Input Data

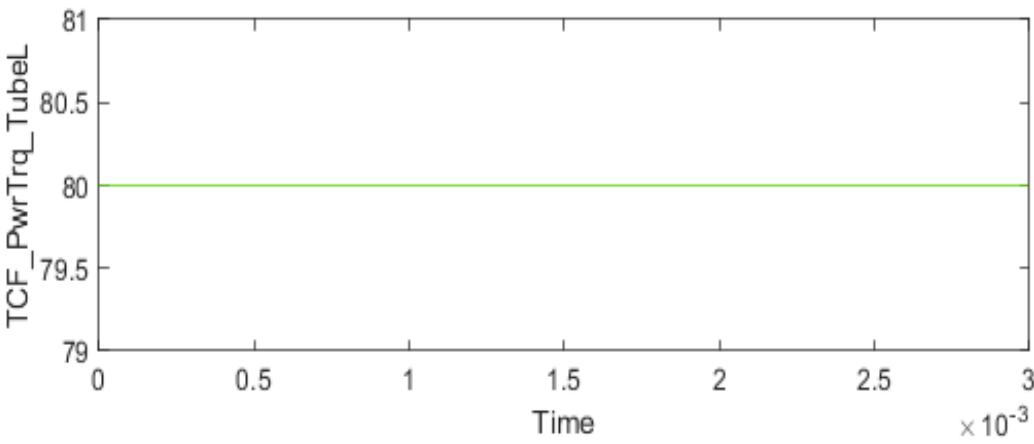
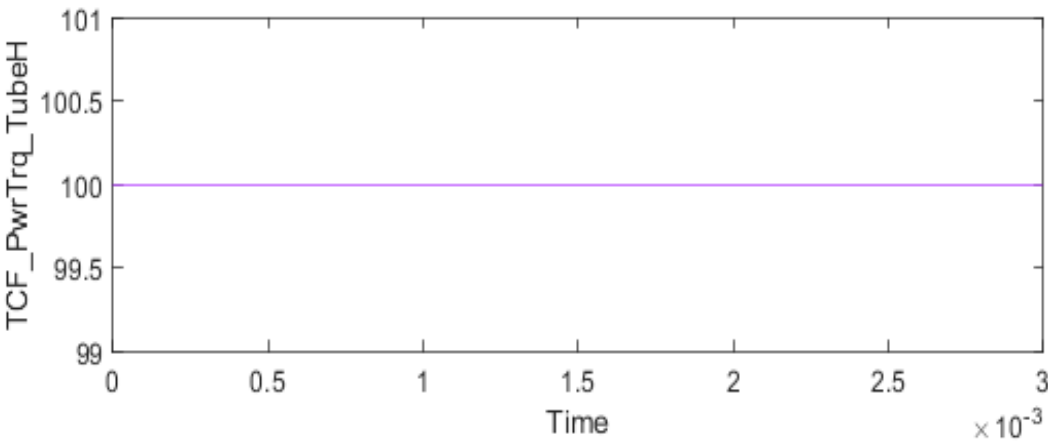
Input Information

External Input Name: EI09_SWUT_MIL_TrqBlend_01

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

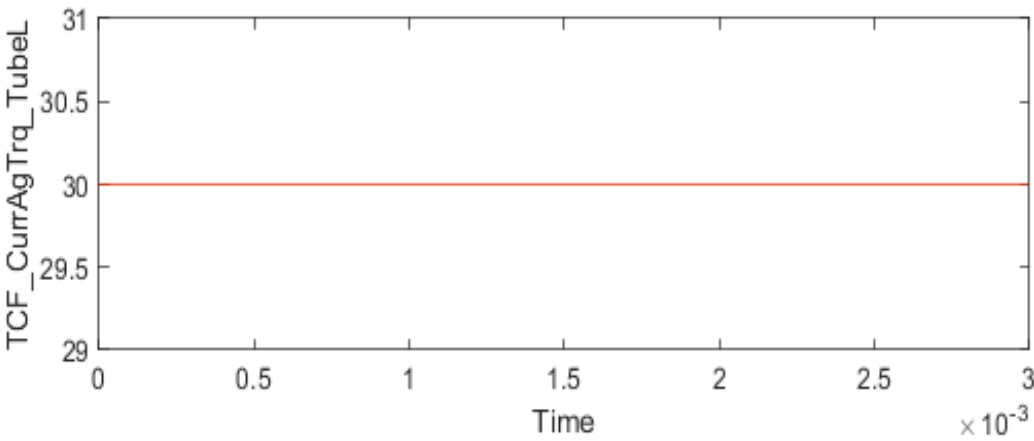
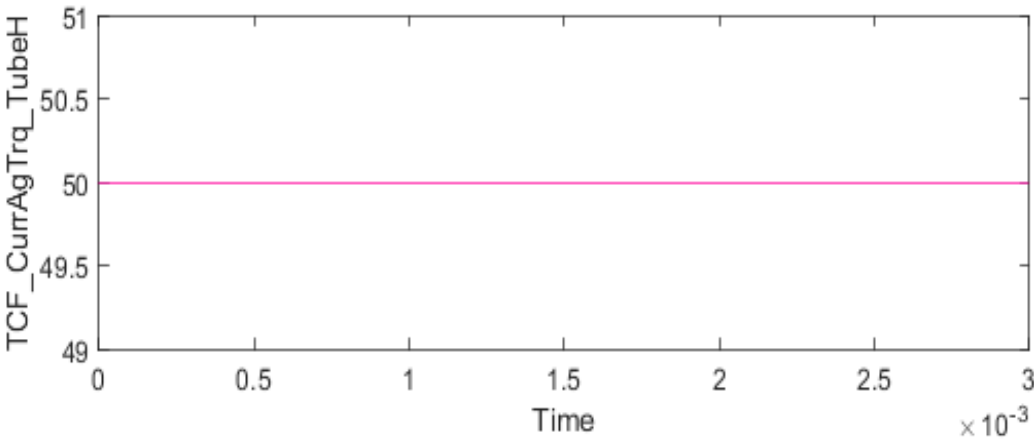
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_PwrTrq_TubeH	single			zoh	union	Link
TCF_PwrTrq_TubeL	single			zoh	union	Link
TCF_CurrAgTrq_TubeH	single			zoh	union	Link
TCF_CurrAgTrq_TubeL	single			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_PwrTrq_TubeH	single			zoh	union
TCF_PwrTrq_TubeL	single			zoh	union



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Name	Data Type	Units	Sample Time	Interp	Sync
TCF_CurrAgTrq_TubeH	single			zoh	union
TCF_CurrAgTrq_TubeL	single			zoh	union



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Simulation

System Under Test Information

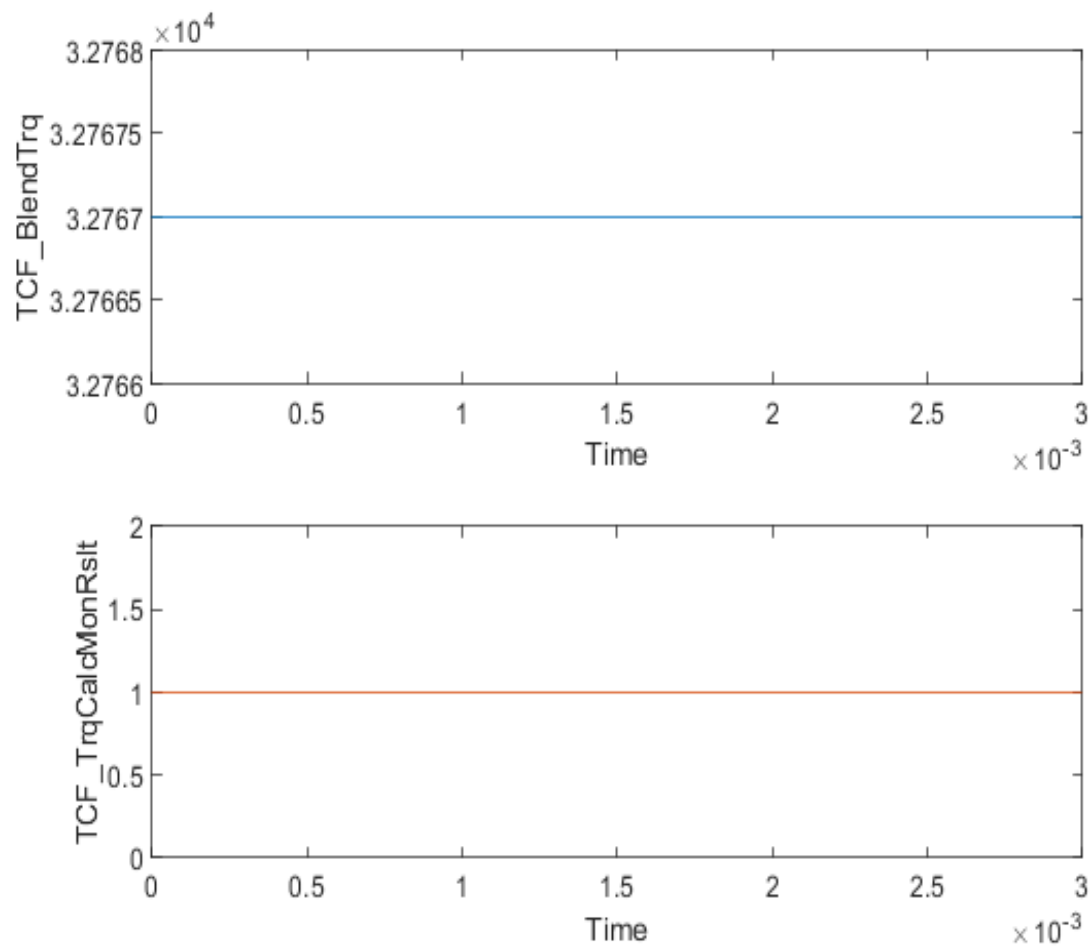
Model: SWC_TCF
Harness: SWC_TCF_Harness_TrqBlend

Harness Owner: SWC_TCF/SWC_TCF_1ms_sys/TrqBlendProc/TrqBlend
 Simulation Mode: normal
 Override SIL or PIL Mode: 0
 Configuration Set: Configuration1
 External Input Name: EI09_SWUT_MIL_TrqBlend_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: 0.0030000000000000001
 Checksum: 1157600232 3779885197 221400192 1008923408
 Simulink Version: 10.1
 Model Version: 1.1
 Model Author: dongliyuan
 Date: Wed Aug 11 14:01:45 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 19:25:43
 Simulation Stop Time: 2021-12-18 19:25:44
 Platform: PCWIN64

Simulation Output

Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_BlendTrq	single			zoh	union	Link
TCF_TrqCalcMonRslt	boolean			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_BlendTrq	single			zoh	union
TCF_TrqCalcMonRslt	boolean			zoh	union



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Simulation Logs:
Simulation stopped at '0.0030000000000000001' because there is no input data after this time point.

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EI09_SWUT_MIL_TrqBlend_02

Test Result Information

Result Type: Test Case Result
Parent: [TrqBlend](#)
Start Time: 2021-12-18 19:25:47
End Time: 2021-12-18 19:25:50
Outcome: **Passed**

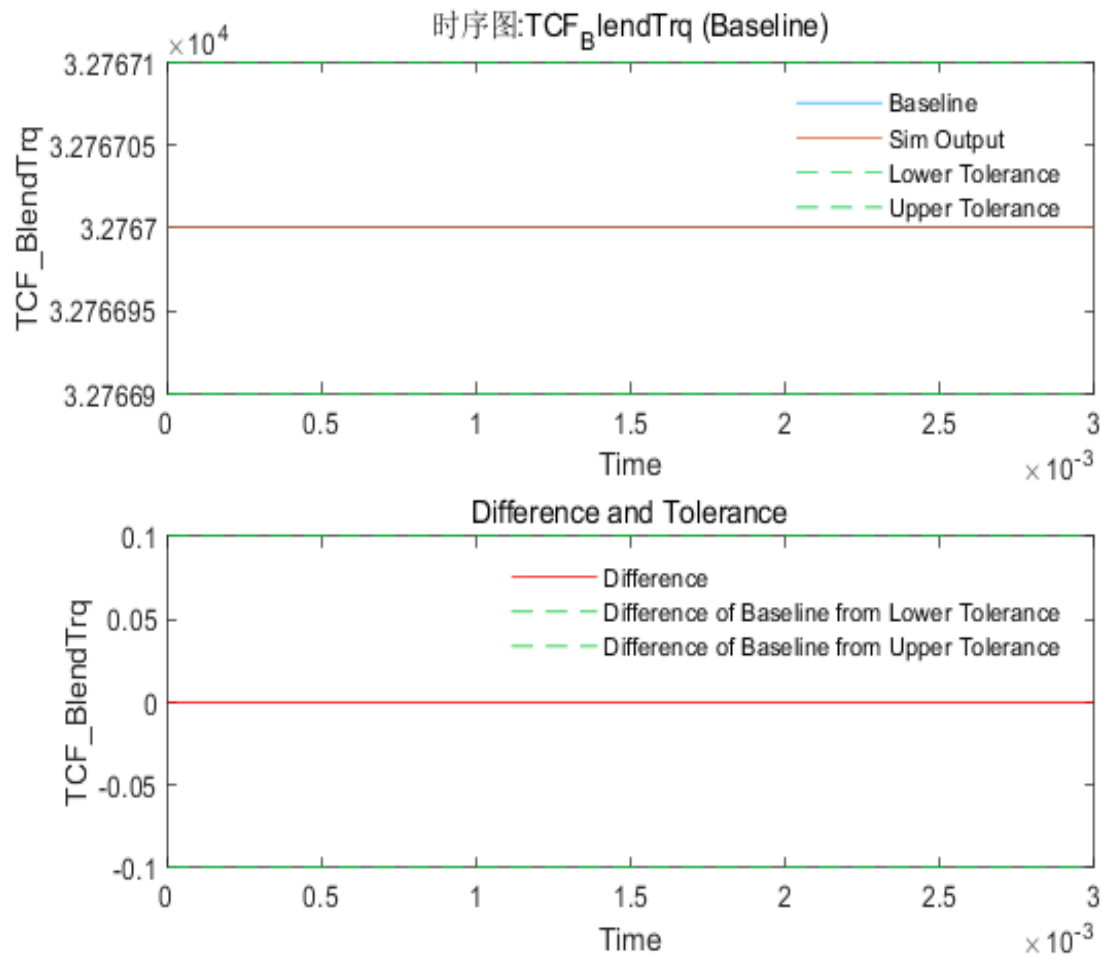
Test Case Information

Name: EI09_SWUT_MIL_TrqBlend_02
Type: Baseline Test
Baseline Name: EI09_SWUT_MIL_TrqBlend_02
Baseline File: E:\EI09_Project\ei09\03_Controller_Models\02_Platform_Models\01_Platformmodels\FS\TCF\TCF_V2\TestCase_TCF.xlsx

Baseline Comparison

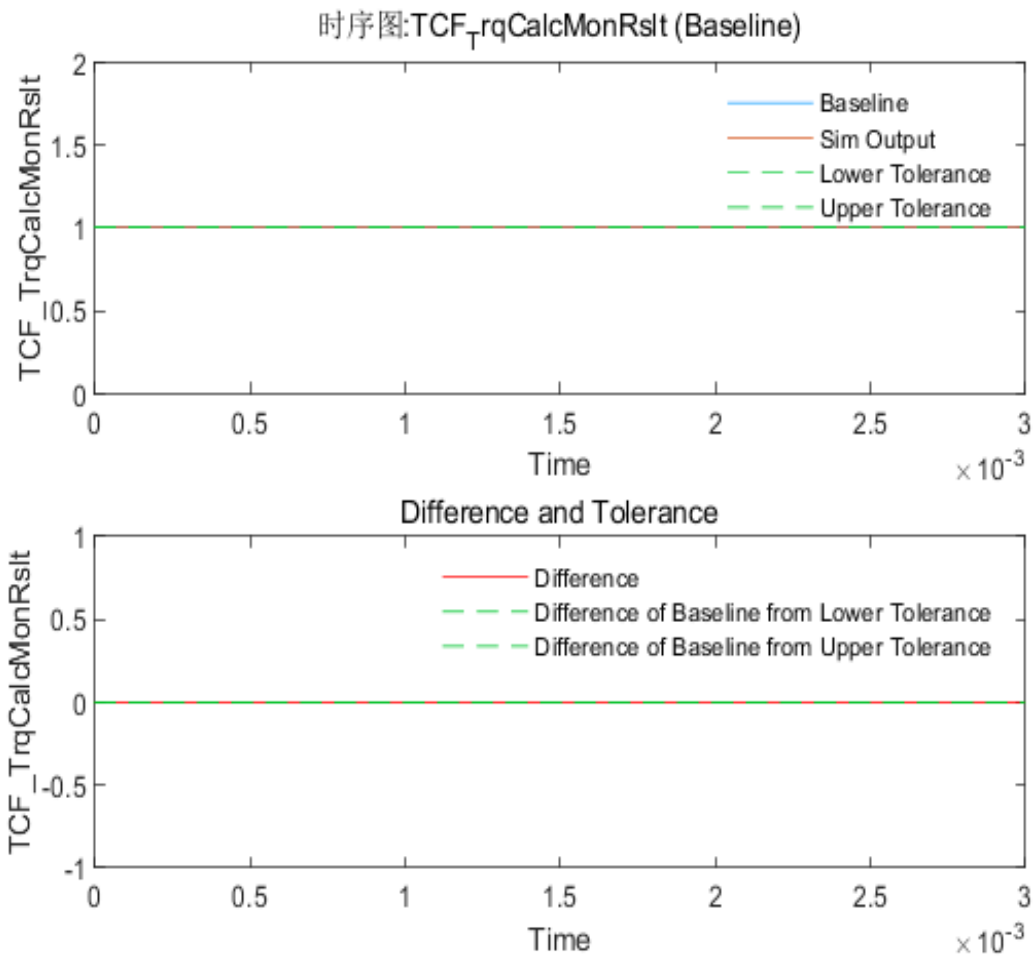
Name	Abs Tol	Rel Tol	Lead Tol	Lag Tol	Max Diff	Data Type 1	Units 1	Sample Time 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync	Link to Plot
✓ TCF_BlendTrq	0.1	0	0	0	0	single			single			zoh	union	Link
✓ TCF_TrqCalcMonRslt	0.1	0	0	0	0	boolean			boolean			zoh	union	Link

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_BlendTrq	0.1	0	0	0	0	single			single			zoh	union



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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
<div> <div></div> <div>TCF_TrqC</div> <div>alcMonRslt</div> </div>	0.1	0	0	0	0	boolean			boolean			zoh	union



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EI09_SWUT_MIL_TrqBlend_02

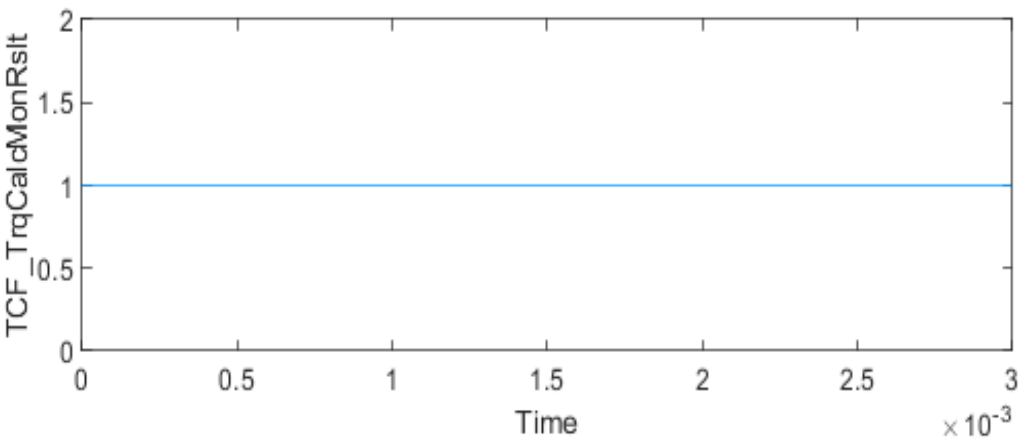
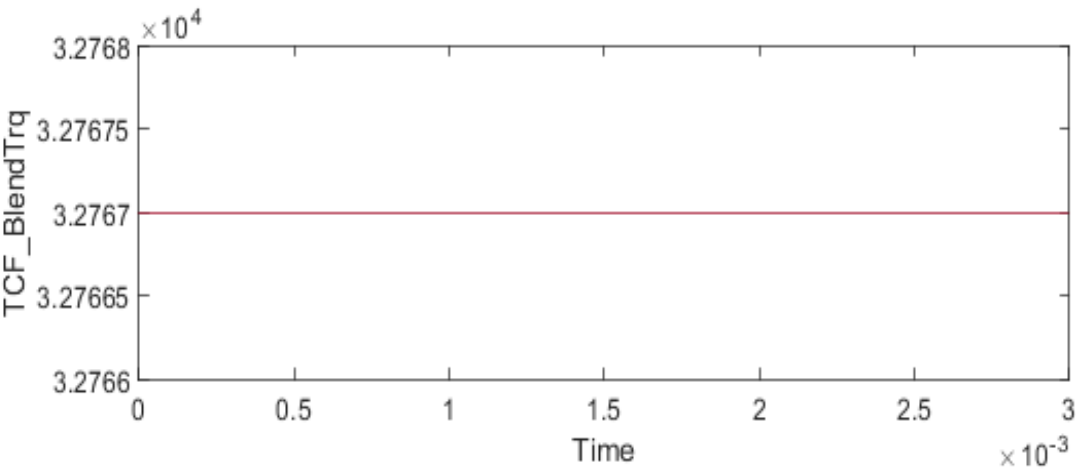
Baseline Information

Baseline Name: EI09_SWUT_MIL_TrqBlend_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
TCF_BlendTrq	single			zoh	union	Link

TCF_TrqCalcMonRslt	boolean			zoh	union	Link
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Name	Data Type	Units	Sample Time	Interp	Sync
TCF_BlendTrq	single			zoh	union
TCF_TrqCalcMonRslt	boolean			zoh	union



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Input Data

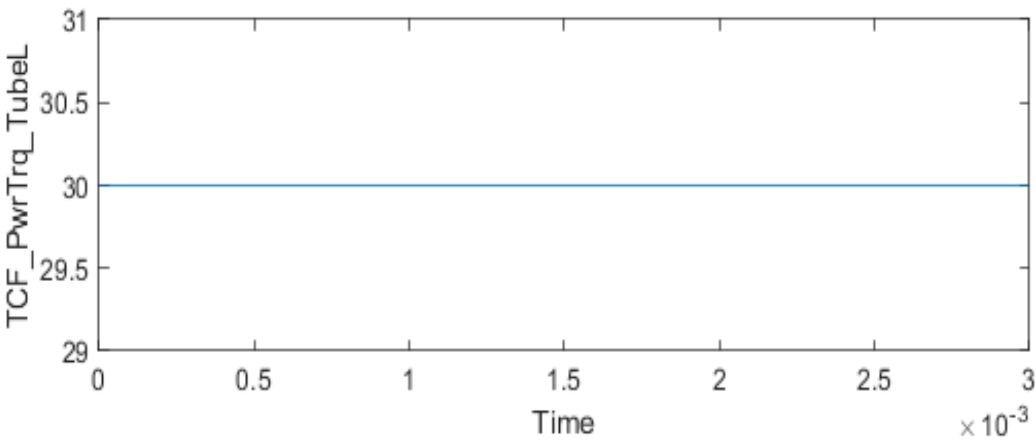
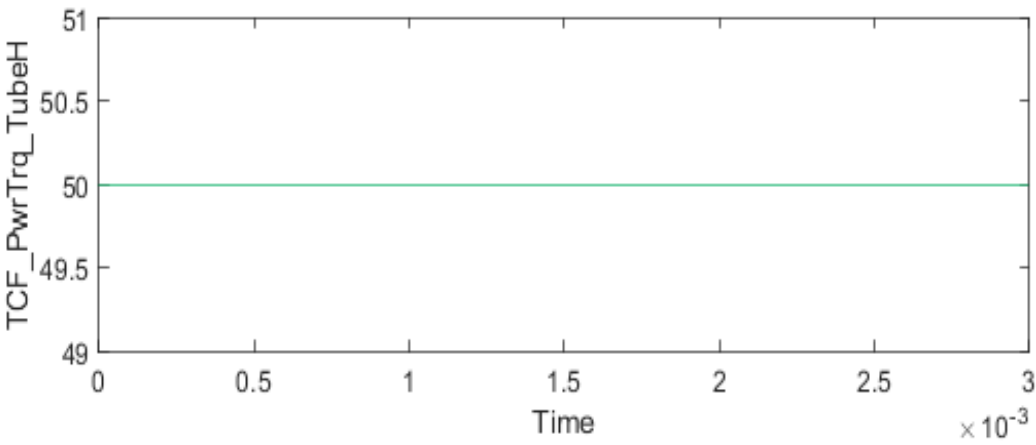
Input Information

External Input Name: EI09_SWUT_MIL_TrqBlend_02

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

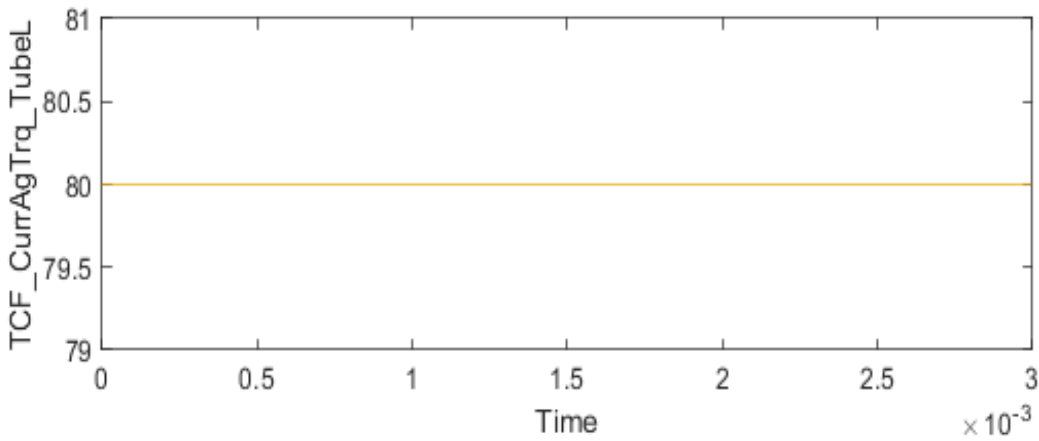
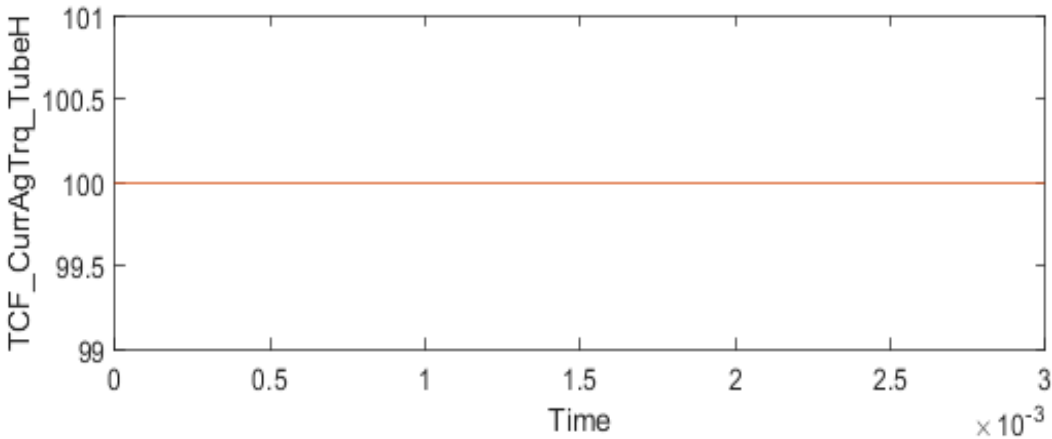
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_PwrTrq_TubeH	single			zoh	union	Link
TCF_PwrTrq_TubeL	single			zoh	union	Link
TCF_CurrAgTrq_TubeH	single			zoh	union	Link
TCF_CurrAgTrq_TubeL	single			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_PwrTrq_TubeH	single			zoh	union
TCF_PwrTrq_TubeL	single			zoh	union



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Name	Data Type	Units	Sample Time	Interp	Sync
TCF_CurrAgTrq_TubeH	single			zoh	union
TCF_CurrAgTrq_TubeL	single			zoh	union



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Simulation

System Under Test Information

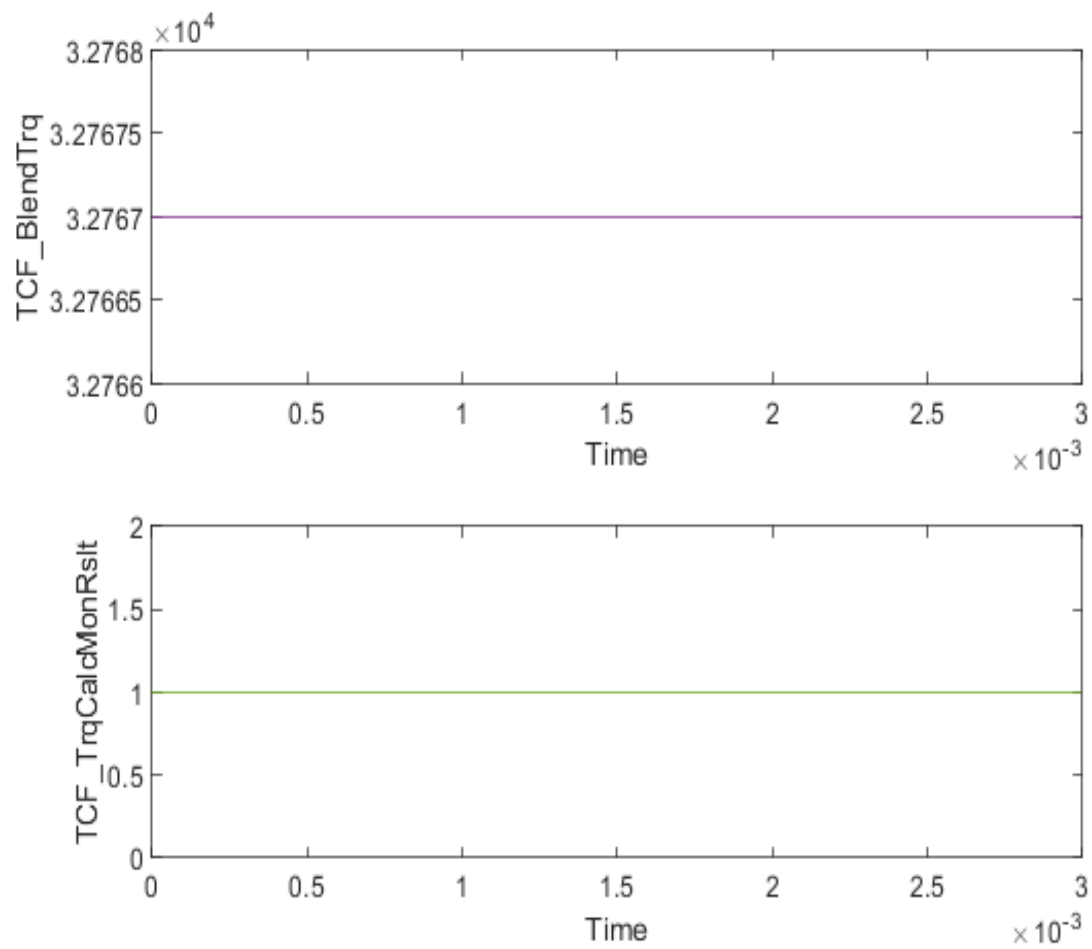
Model: SWC_TCF
Harness: SWC_TCF_Harness_TrqBlend

Harness Owner: SWC_TCF/SWC_TCF_1ms_sys/TrqBlendProc/TrqBlend
 Simulation Mode: normal
 Override SIL or PIL Mode:
 Configuration Set: Configuration1
 External Input Name: EI09_SWUT_MIL_TrqBlend_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: 0.0030000000000000001
 Checksum: 1157600232 3779885197 221400192 1008923408
 Simulink Version: 10.1
 Model Version: 1.1
 Model Author: dongliyuan
 Date: Wed Aug 11 14:01:45 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 19:25:47
 Simulation Stop Time: 2021-12-18 19:25:48
 Platform: PCWIN64

Simulation Output

Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_BlendTrq	single			zoh	union	Link
TCF_TrqCalcMonRslt	boolean			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_BlendTrq	single			zoh	union
TCF_TrqCalcMonRslt	boolean			zoh	union



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Simulation Logs:
Simulation stopped at '0.0030000000000000001' because there is no input data after this time point.

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EI09_SWUT_MIL_TrqBlend_03

Test Result Information

Result Type: Test Case Result
Parent: [TrqBlend](#)
Start Time: 2021-12-18 19:25:51
End Time: 2021-12-18 19:25:54
Outcome: **Passed**

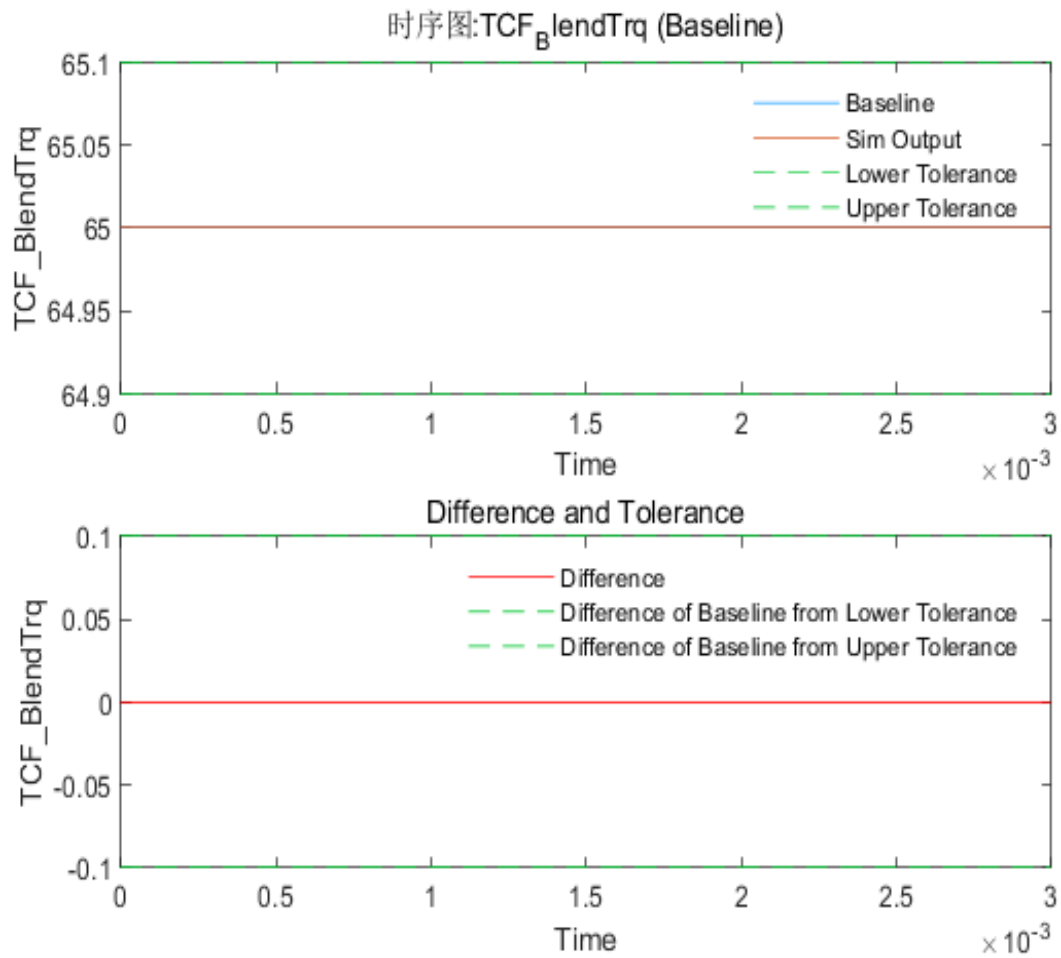
Test Case Information

Name: EI09_SWUT_MIL_TrqBlend_03
Type: Baseline Test
Baseline Name: EI09_SWUT_MIL_TrqBlend_03
Baseline File: E:\EI09_Project\ei09\03_Controller_Models\02_Platform_Models\01_Platformmodels\FS\TCF\TCF_V2\TestCase_TCF.xlsx

Baseline Comparison

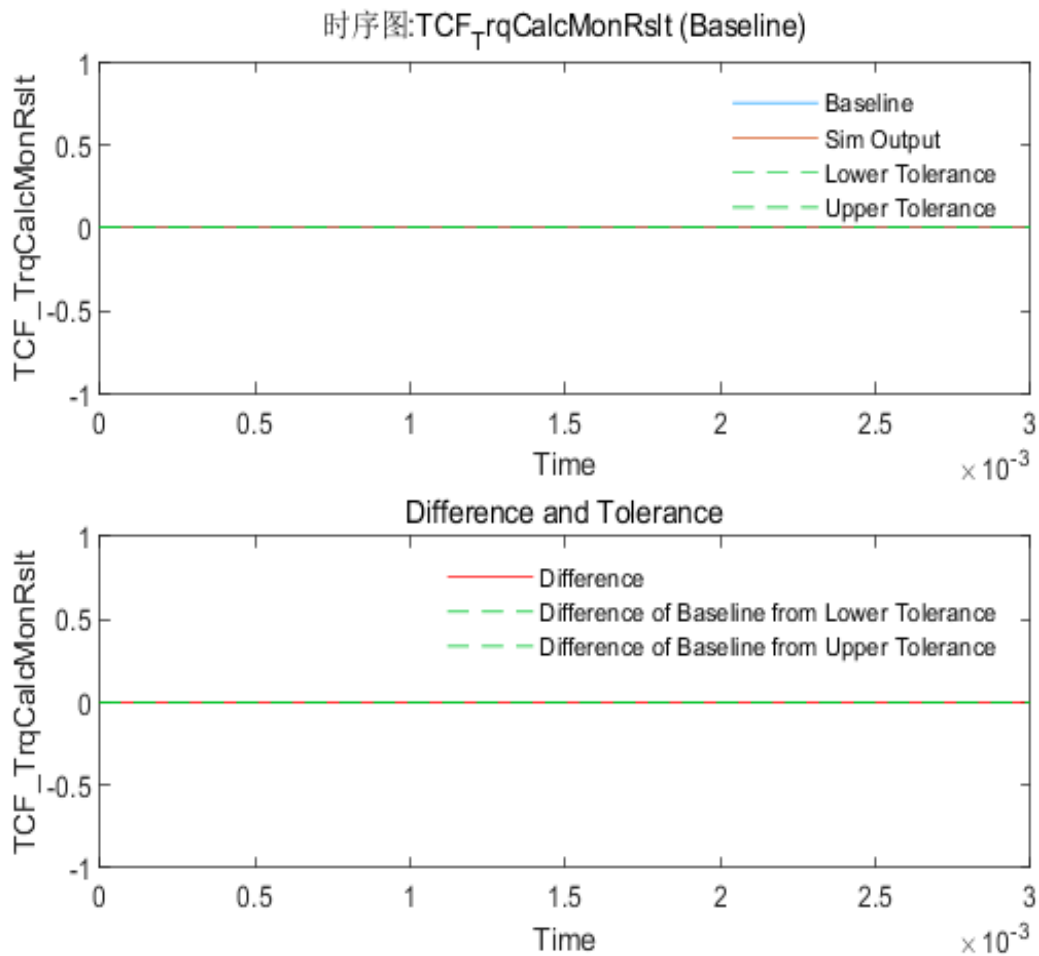
Name	Abs Tol	Rel Tol	Lead Tol	Lag Tol	Max Diff	Data Type 1	Units 1	Sample Time 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync	Link to Plot
✓ TCF_BlendTrq	0.1	0	0	0	0	single			single			zoh	union	Link
✓ TCF_TrqCalcMonRslt	0.1	0	0	0	0	boolean			boolean			zoh	union	Link

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_BlendTrq	0.1	0	0	0	0	single			single			zoh	union



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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
<div> <div></div> <div>TCF_TrqC</div> <div>alcMonRslt</div> </div>	0.1	0	0	0	0	boolean			boolean			zoh	union



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EI09_SWUT_MIL_TrqBlend_03

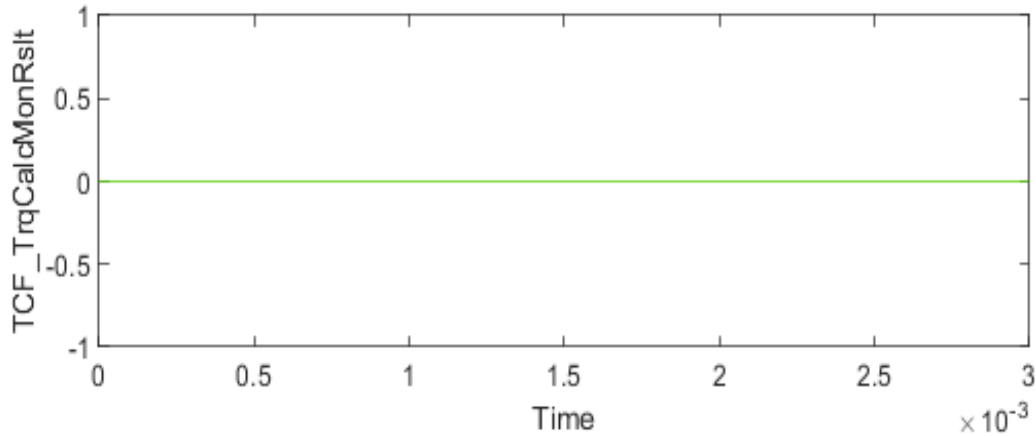
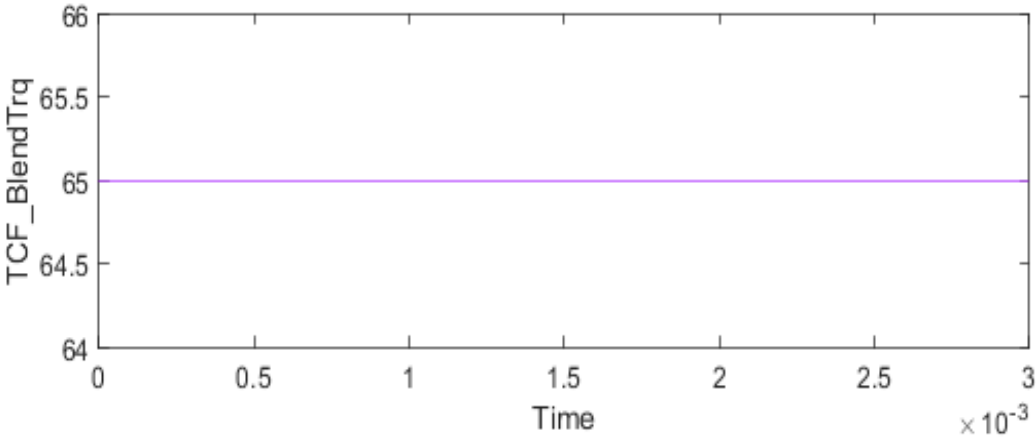
Baseline Information

Baseline Name: EI09_SWUT_MIL_TrqBlend_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
TCF_BlendTrq	single			zoh	union	Link

TCF_TrqCalcMonRslt	boolean			zoh	union	Link
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Name	Data Type	Units	Sample Time	Interp	Sync
TCF_BlendTrq	single			zoh	union
TCF_TrqCalcMonRslt	boolean			zoh	union



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Input Data

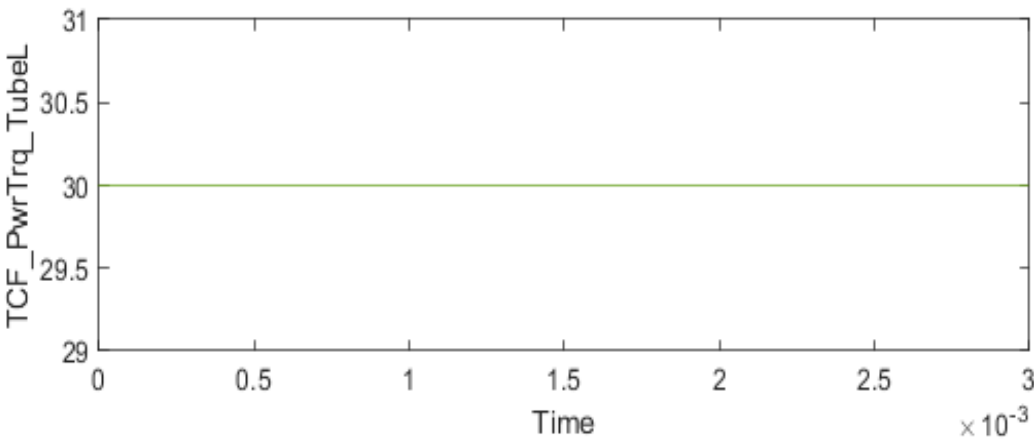
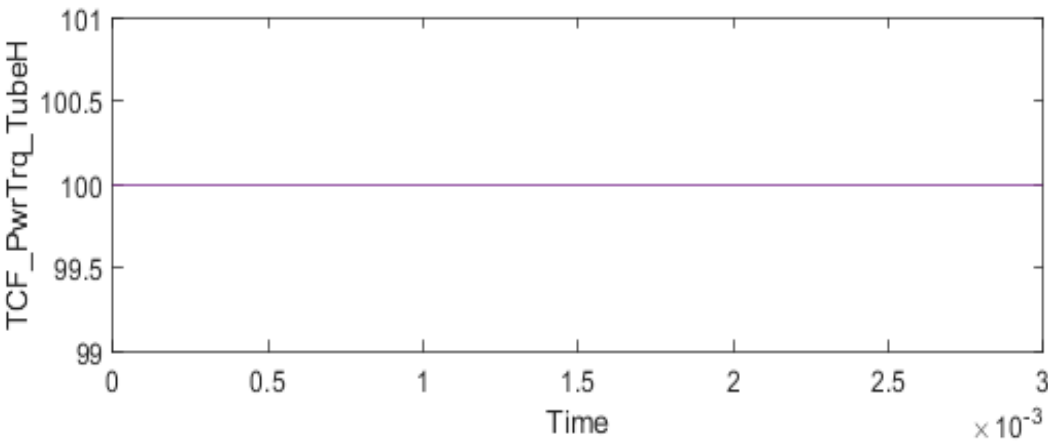
Input Information

External Input Name: EI09_SWUT_MIL_TrqBlend_03

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

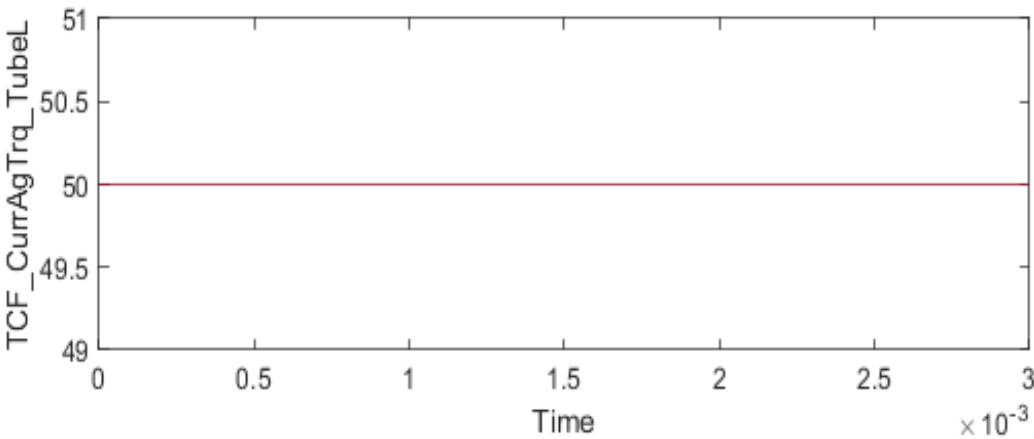
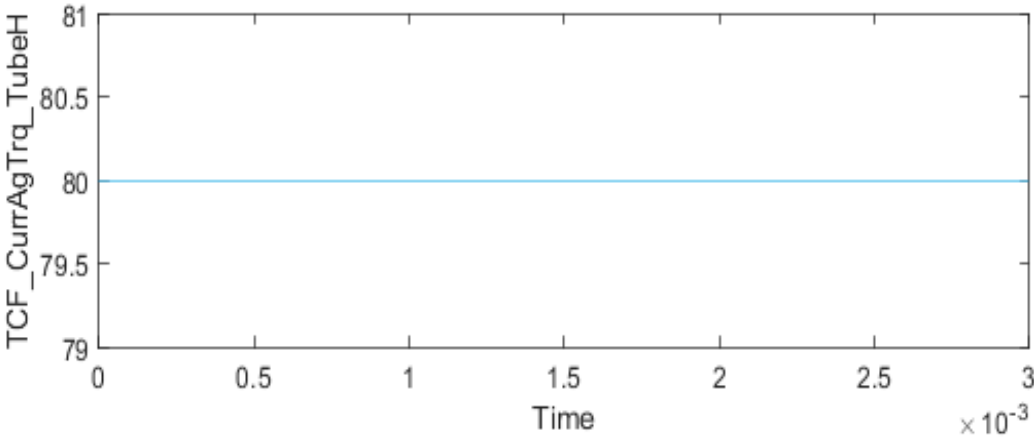
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_PwrTrq_TubeH	single			zoh	union	Link
TCF_PwrTrq_TubeL	single			zoh	union	Link
TCF_CurrAgTrq_TubeH	single			zoh	union	Link
TCF_CurrAgTrq_TubeL	single			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_PwrTrq_TubeH	single			zoh	union
TCF_PwrTrq_TubeL	single			zoh	union



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Name	Data Type	Units	Sample Time	Interp	Sync
TCF_CurrAgTrq_TubeH	single			zoh	union
TCF_CurrAgTrq_TubeL	single			zoh	union



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Simulation

System Under Test Information

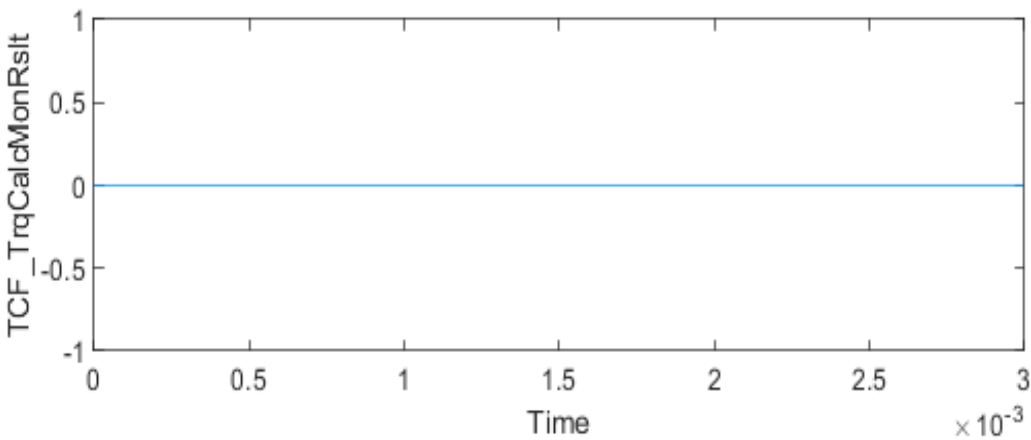
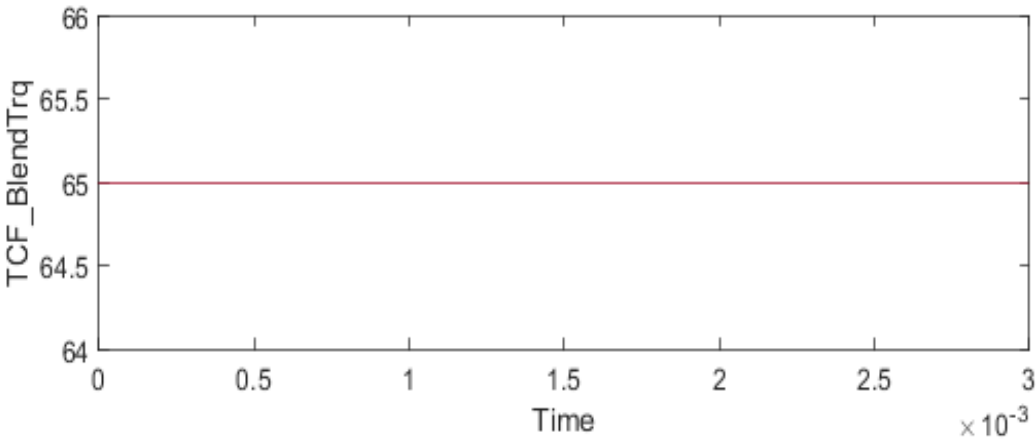
Model: SWC_TCF
Harness: SWC_TCF_Harness_TrqBlend

Harness Owner: SWC_TCF/SWC_TCF_1ms_sys/TrqBlendProc/TrqBlend
 Simulation Mode: normal
 Override SIL or PIL Mode:
 Configuration Set: Configuration1
 External Input Name: EI09_SWUT_MIL_TrqBlend_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: 0.0030000000000000001
 Checksum: 1157600232 3779885197 221400192 1008923408
 Simulink Version: 10.1
 Model Version: 1.1
 Model Author: dongliyuan
 Date: Wed Aug 11 14:01:45 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 19:25:51
 Simulation Stop Time: 2021-12-18 19:25:52
 Platform: PCWIN64

Simulation Output

Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_BlendTrq	single			zoh	union	Link
TCF_TrqCalcMonRslt	boolean			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_BlendTrq	single			zoh	union
TCF_TrqCalcMonRslt	boolean			zoh	union



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Simulation Logs:
Simulation stopped at '0.0030000000000000001' because there is no input data after this time point.

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EI09_SWUT_MIL_TrqBlend_04

Test Result Information

Result Type: Test Case Result
Parent: [TrqBlend](#)
Start Time: 2021-12-18 19:25:55
End Time: 2021-12-18 19:25:57
Outcome: **Passed**

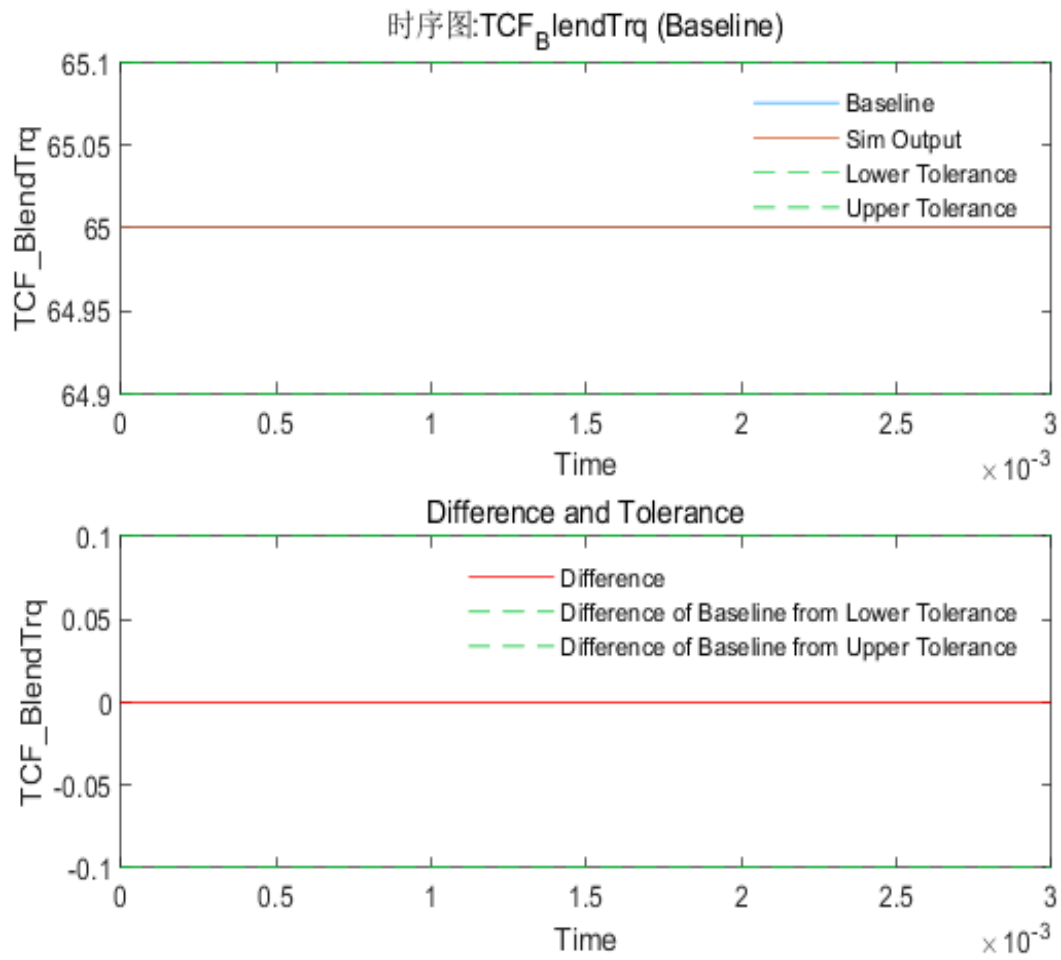
Test Case Information

Name: EI09_SWUT_MIL_TrqBlend_04
Type: Baseline Test
Baseline Name: EI09_SWUT_MIL_TrqBlend_04
Baseline File: E:\EI09_Project\ei09\03_Controller_Models\02_Platform_Models\01_Platformmodels\FS\TCF\TCF_V2\TestCase_TCF.xlsx

Baseline Comparison

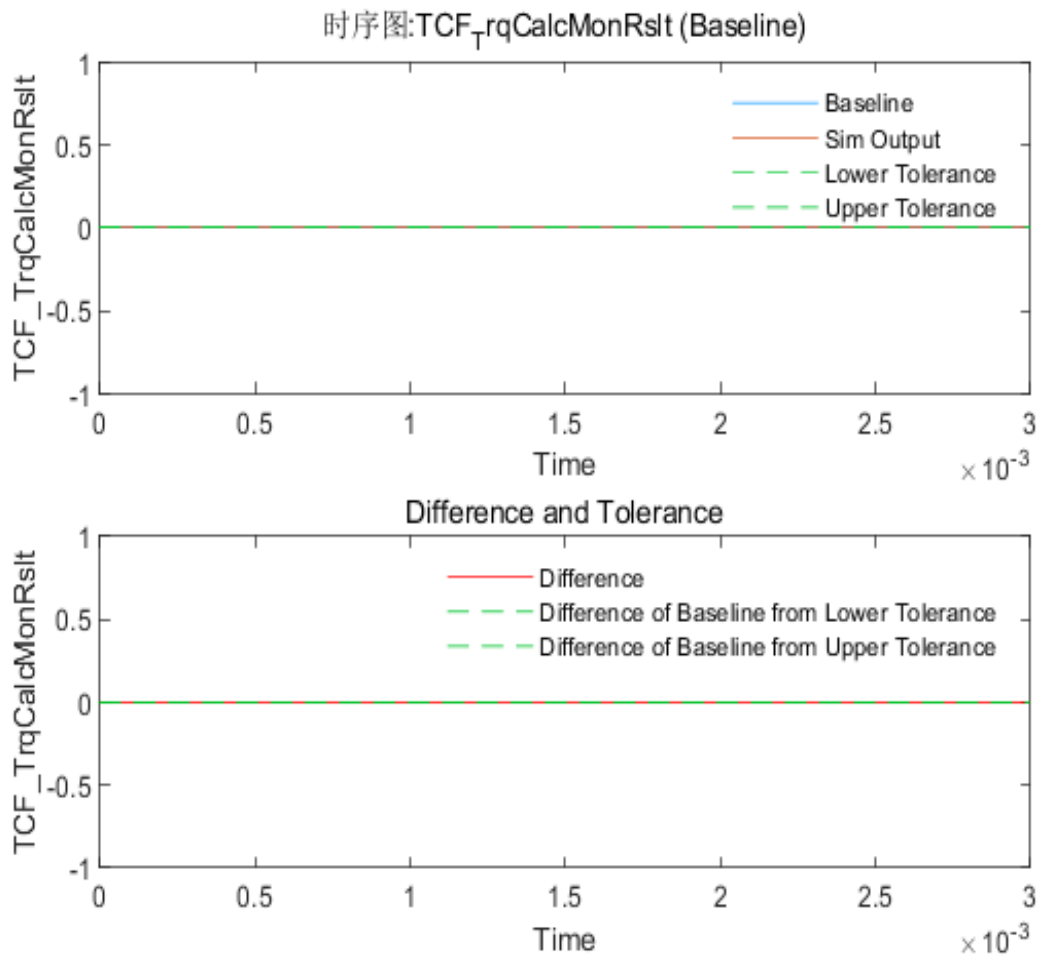
Name	Abs Tol	Rel Tol	Lead Tol	Lag Tol	Max Diff	Data Type 1	Units 1	Sample Time 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync	Link to Plot
✓ TCF_BlendTrq	0.1	0	0	0	0	single			single			zoh	union	Link
✓ TCF_TrqCalcMonRslt	0.1	0	0	0	0	boolean			boolean			zoh	union	Link

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_BlendTrq	0.1	0	0	0	0	single			single			zoh	union



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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
<div> <div></div> <div>TCF_TrqC</div> <div>alcMonRslt</div> </div>	0.1	0	0	0	0	boolean			boolean			zoh	union



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EI09_SWUT_MIL_TrqBlend_04

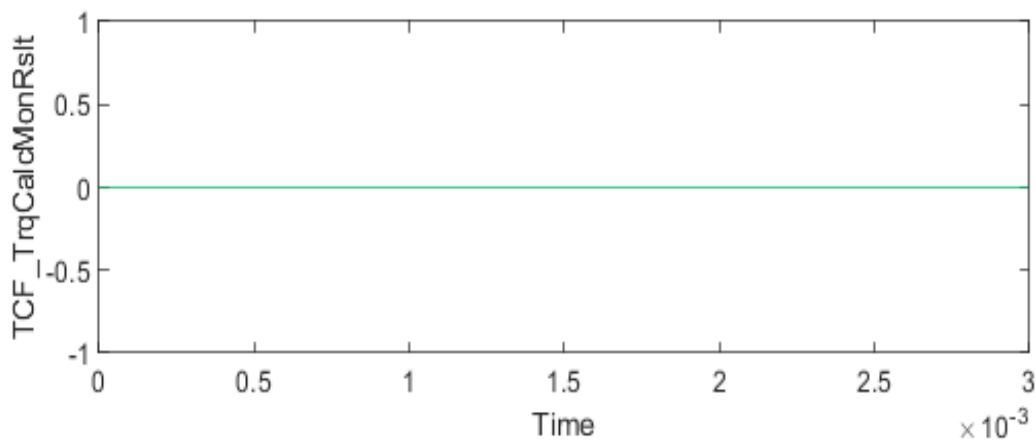
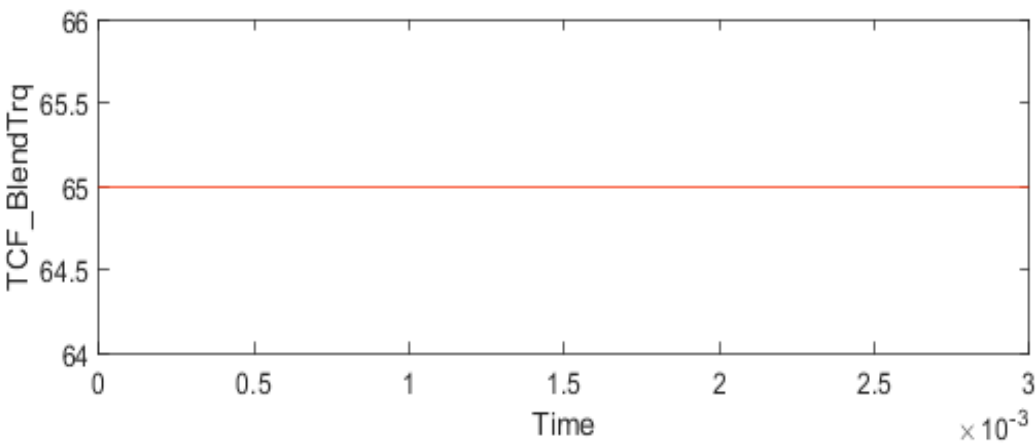
Baseline Information

Baseline Name: EI09_SWUT_MIL_TrqBlend_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
TCF_BlendTrq	single			zoh	union	Link

TCF_TrqCalcMonRslt	boolean			zoh	union	Link
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Name	Data Type	Units	Sample Time	Interp	Sync
TCF_BlendTrq	single			zoh	union
TCF_TrqCalcMonRslt	boolean			zoh	union



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Input Data

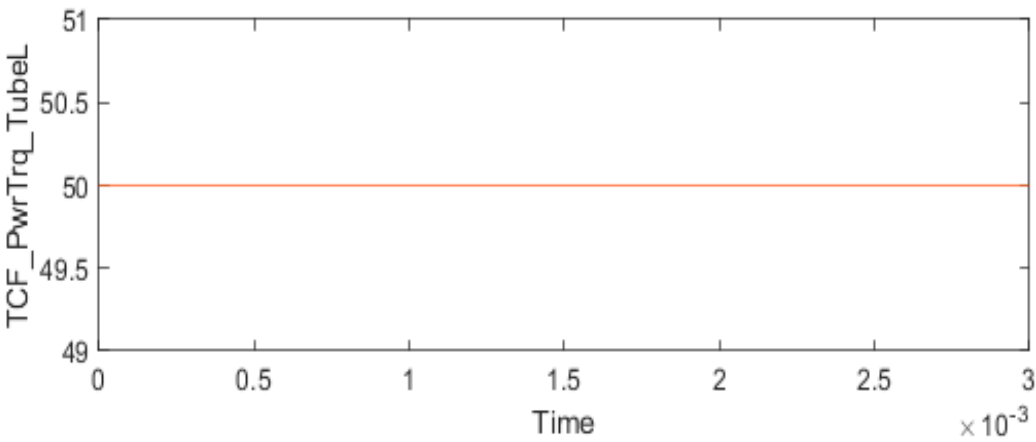
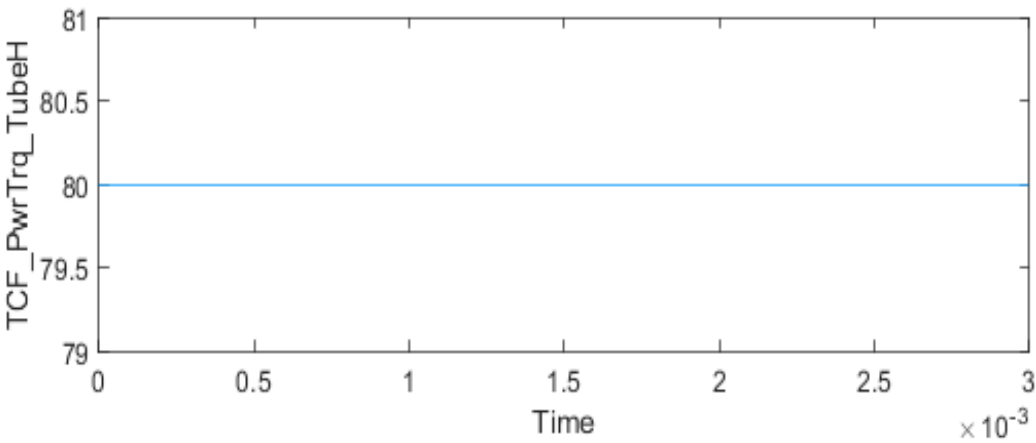
Input Information

External Input Name: EI09_SWUT_MIL_TrqBlend_04

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

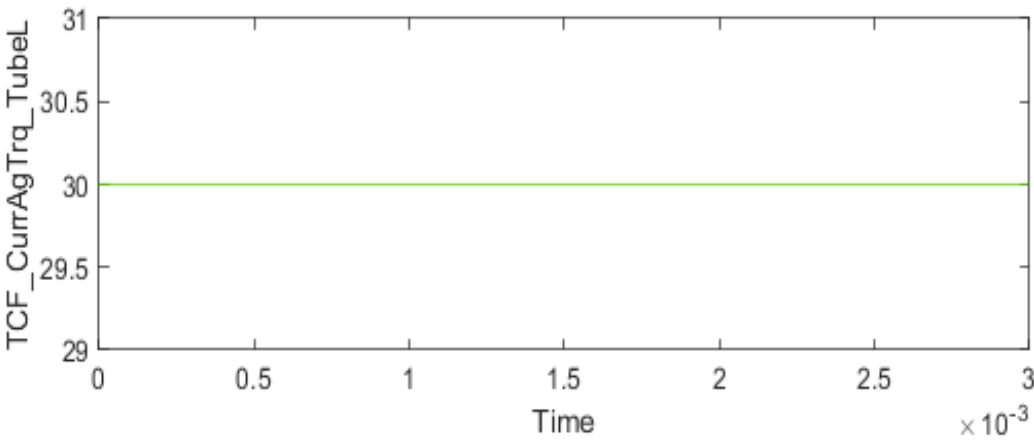
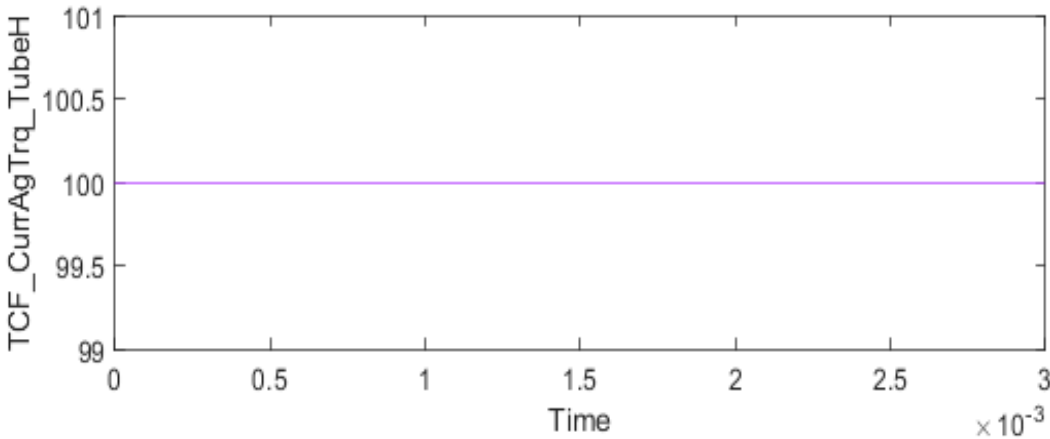
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_PwrTrq_TubeH	single			zoh	union	Link
TCF_PwrTrq_TubeL	single			zoh	union	Link
TCF_CurrAgTrq_TubeH	single			zoh	union	Link
TCF_CurrAgTrq_TubeL	single			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_PwrTrq_TubeH	single			zoh	union
TCF_PwrTrq_TubeL	single			zoh	union



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Name	Data Type	Units	Sample Time	Interp	Sync
TCF_CurrAgTrq_TubeH	single			zoh	union
TCF_CurrAgTrq_TubeL	single			zoh	union



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Simulation

System Under Test Information

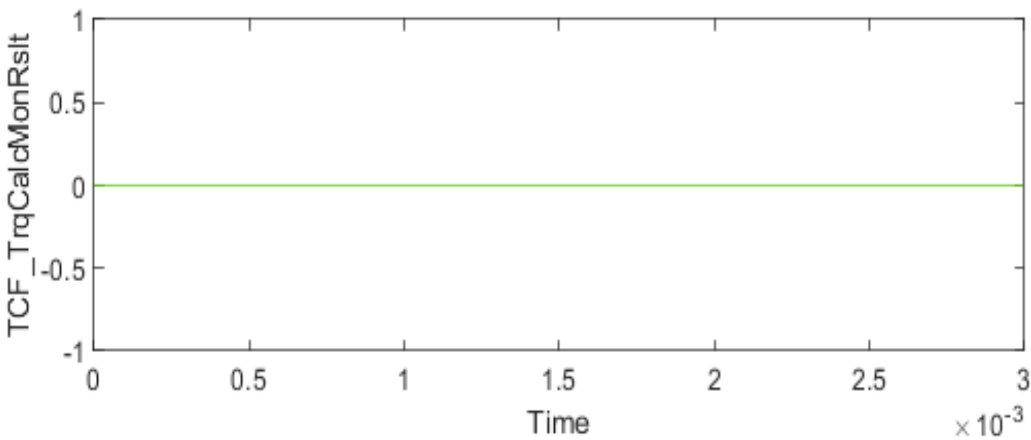
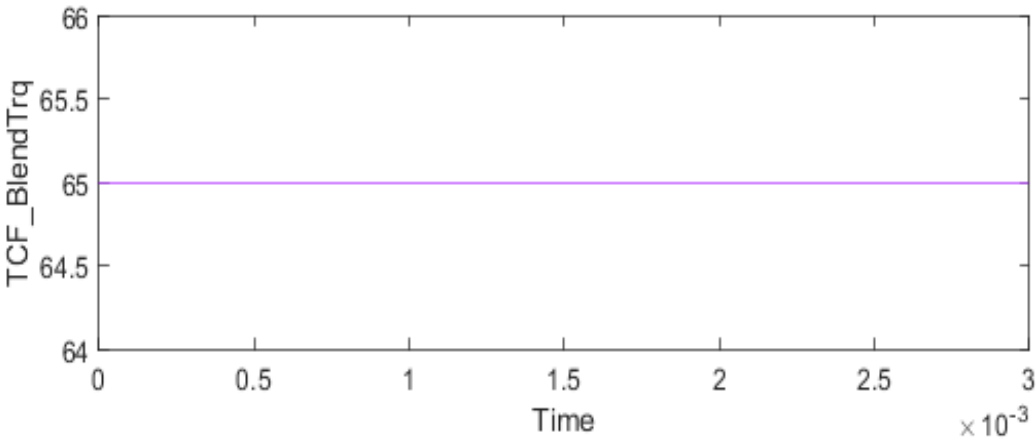
Model: SWC_TCF
Harness: SWC_TCF_Harness_TrqBlend

Harness Owner: SWC_TCF/SWC_TCF_1ms_sys/TrqBlendProc/TrqBlend
 Simulation Mode: normal
 Override SIL or PIL Mode: 0
 Configuration Set: Configuration1
 External Input Name: EI09_SWUT_MIL_TrqBlend_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: 0.0030000000000000001
 Checksum: 1157600232 3779885197 221400192 1008923408
 Simulink Version: 10.1
 Model Version: 1.1
 Model Author: dongliyuan
 Date: Wed Aug 11 14:01:45 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 19:25:55
 Simulation Stop Time: 2021-12-18 19:25:56
 Platform: PCWIN64

Simulation Output

Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_BlendTrq	single			zoh	union	Link
TCF_TrqCalcMonRslt	boolean			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_BlendTrq	single			zoh	union
TCF_TrqCalcMonRslt	boolean			zoh	union



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Simulation Logs:
Simulation stopped at '0.0030000000000000001' because there is no input data after this time point.

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EI09_SWUT_MIL_TrqBlend_05

Test Result Information

Result Type: Test Case Result
Parent: [TrqBlend](#)
Start Time: 2021-12-18 19:25:59
End Time: 2021-12-18 19:26:01
Outcome: **Passed**

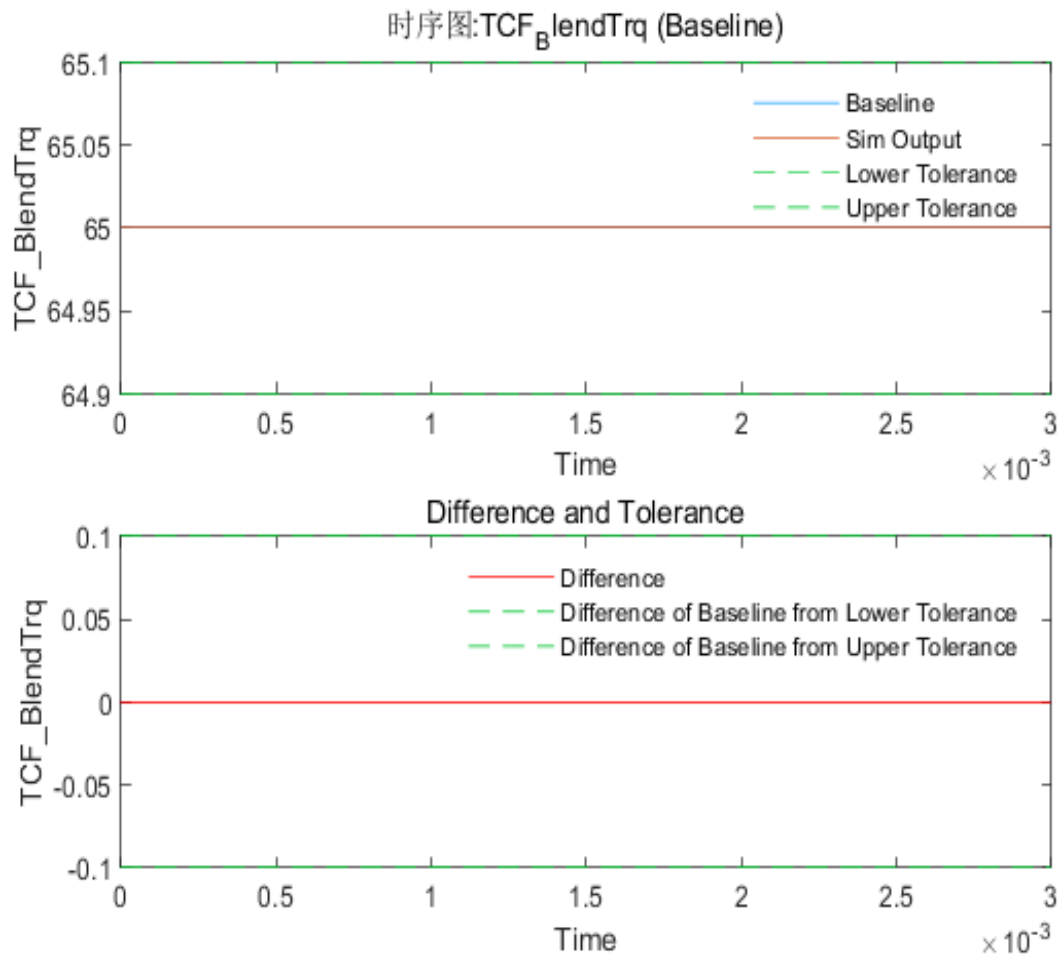
Test Case Information

Name: EI09_SWUT_MIL_TrqBlend_05
Type: Baseline Test
Baseline Name: EI09_SWUT_MIL_TrqBlend_05
Baseline File: E:\EI09_Project\ei09\03_Controller_Models\02_Platform_Models\01_Platformmodels\FS\TCF\TCF_V2\TestCase_TCF.xlsx

Baseline Comparison

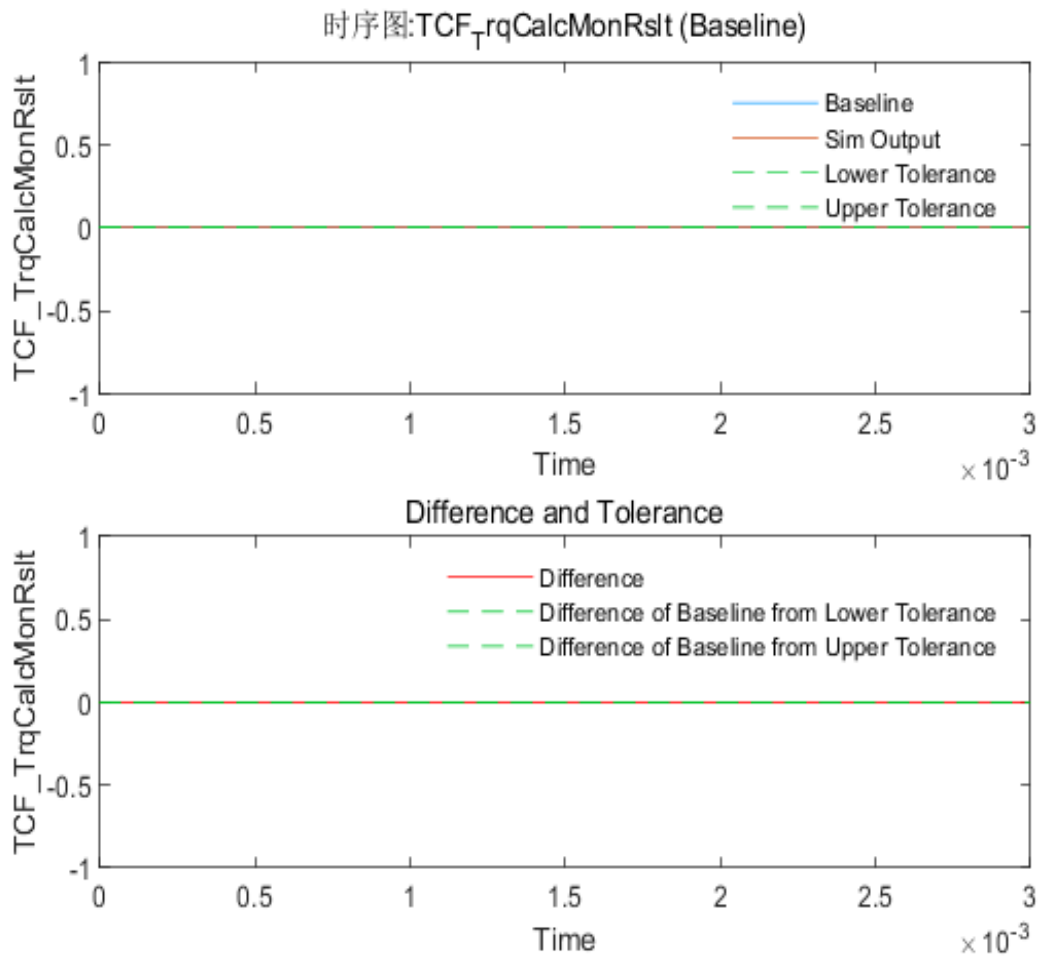
Name	Abs Tol	Rel Tol	Lead Tol	Lag Tol	Max Diff	Data Type 1	Units 1	Sample Time 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync	Link to Plot
✓ TCF_BlendTrq	0.1	0	0	0	0	single			single			zoh	union	Link
✓ TCF_TrqCalcMonRslt	0.1	0	0	0	0	boolean			boolean			zoh	union	Link

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_BlendTrq	0.1	0	0	0	0	single			single			zoh	union



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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
<div> <div></div> <div>TCF_TrqC</div> <div>alcMonRslt</div> </div>	0.1	0	0	0	0	boolean			boolean			zoh	union



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EI09_SWUT_MIL_TrqBlend_05

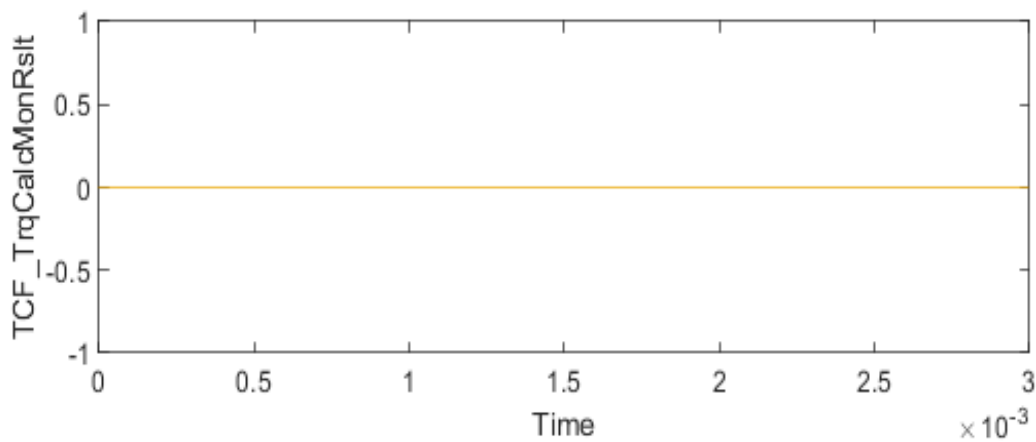
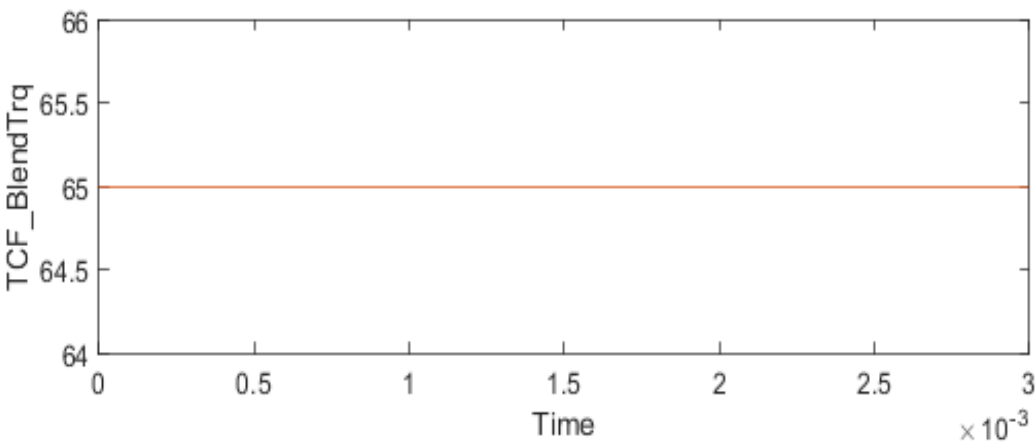
Baseline Information

Baseline Name: EI09_SWUT_MIL_TrqBlend_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
TCF_BlendTrq	single			zoh	union	Link

TCF_TrqCalcMonRslt	boolean			zoh	union	Link
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Name	Data Type	Units	Sample Time	Interp	Sync
TCF_BlendTrq	single			zoh	union
TCF_TrqCalcMonRslt	boolean			zoh	union



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Input Data

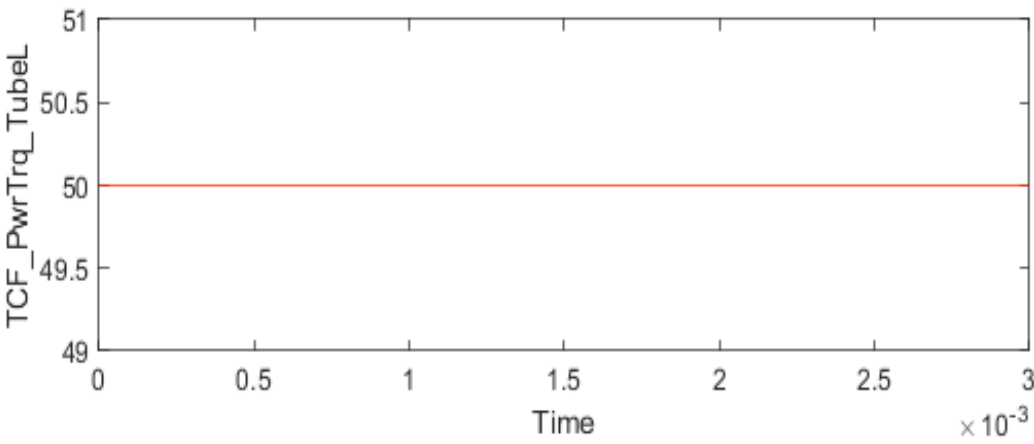
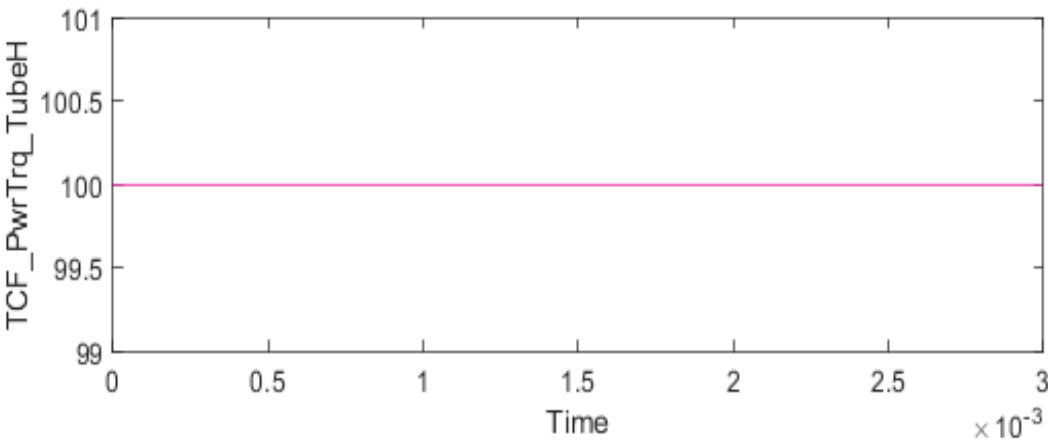
Input Information

External Input Name: EI09_SWUT_MIL_TrqBlend_05

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

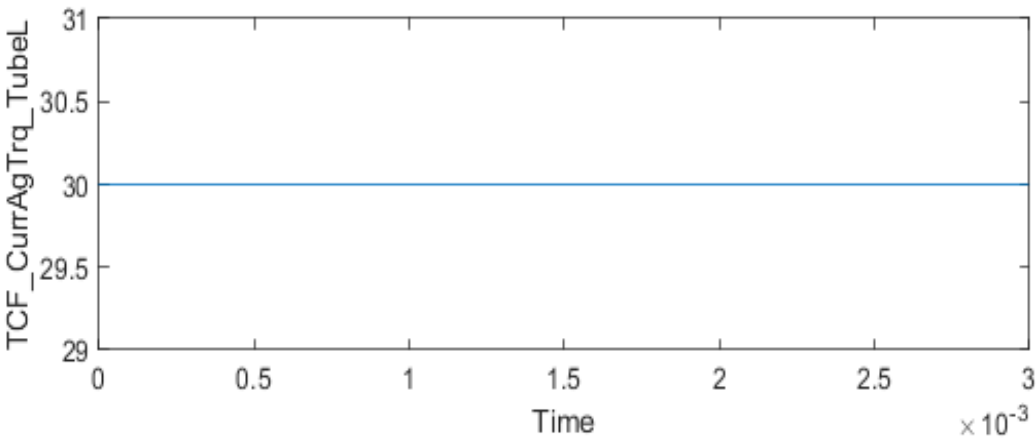
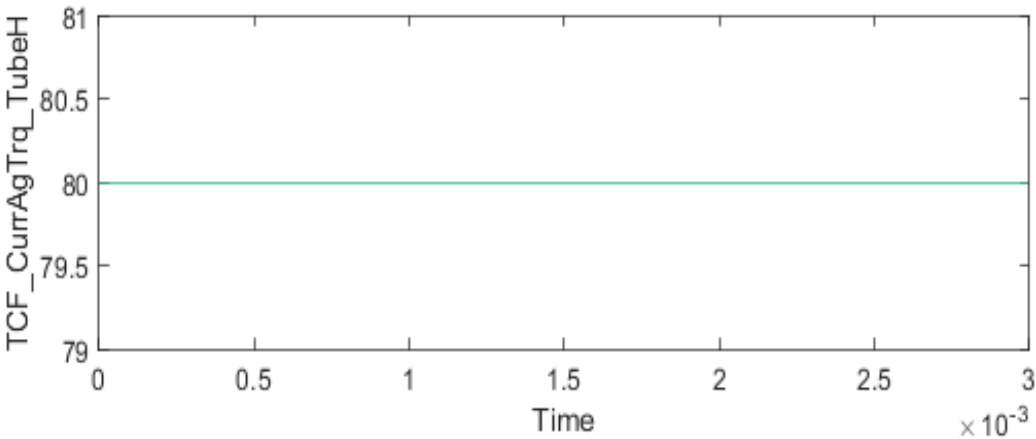
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_PwrTrq_TubeH	single			zoh	union	Link
TCF_PwrTrq_TubeL	single			zoh	union	Link
TCF_CurrAgTrq_TubeH	single			zoh	union	Link
TCF_CurrAgTrq_TubeL	single			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_PwrTrq_TubeH	single			zoh	union
TCF_PwrTrq_TubeL	single			zoh	union



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Name	Data Type	Units	Sample Time	Interp	Sync
TCF_CurrAgTrq_TubeH	single			zoh	union
TCF_CurrAgTrq_TubeL	single			zoh	union



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Simulation

System Under Test Information

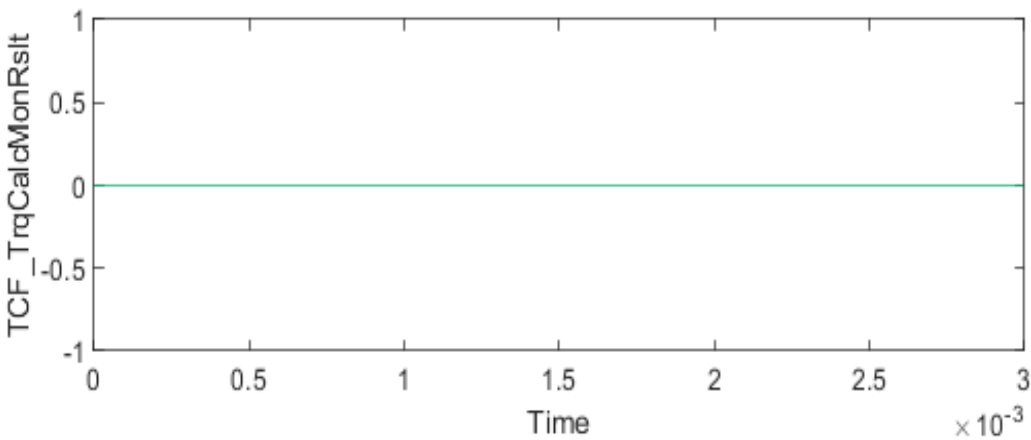
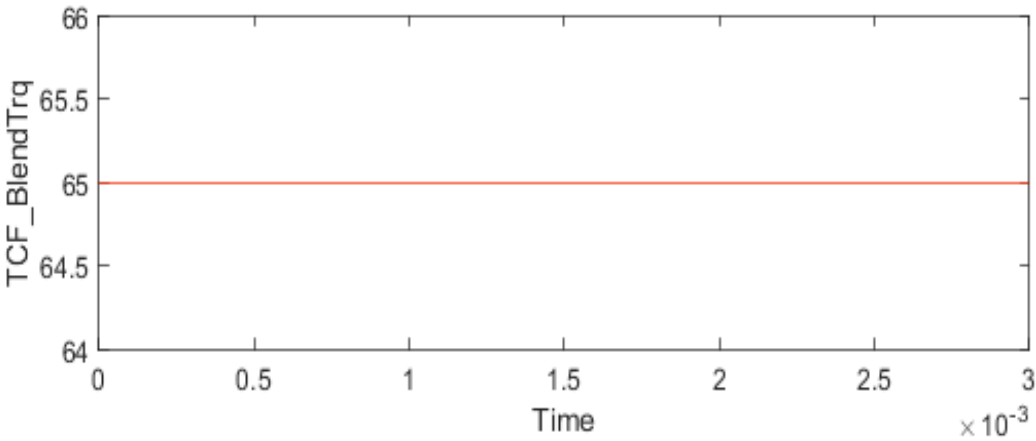
Model: SWC_TCF
Harness: SWC_TCF_Harness_TrqBlend

Harness Owner: SWC_TCF/SWC_TCF_1ms_sys/TrqBlendProc/TrqBlend
 Simulation Mode: normal
 Override SIL or PIL Mode: 0
 Configuration Set: Configuration1
 External Input Name: EI09_SWUT_MIL_TrqBlend_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: 0.0030000000000000001
 Checksum: 1157600232 3779885197 221400192 1008923408
 Simulink Version: 10.1
 Model Version: 1.1
 Model Author: dongliyuan
 Date: Wed Aug 11 14:01:45 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 19:25:59
 Simulation Stop Time: 2021-12-18 19:25:59
 Platform: PCWIN64

Simulation Output

Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_BlendTrq	single			zoh	union	Link
TCF_TrqCalcMonRslt	boolean			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_BlendTrq	single			zoh	union
TCF_TrqCalcMonRslt	boolean			zoh	union



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Simulation Logs:
Simulation stopped at '0.0030000000000000001' because there is no input data after this time point.

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EI09_SWUT_MIL_TrqBlend_06

Test Result Information

Result Type: Test Case Result
Parent: [TrqBlend](#)
Start Time: 2021-12-18 19:26:03
End Time: 2021-12-18 19:26:05
Outcome: **Passed**

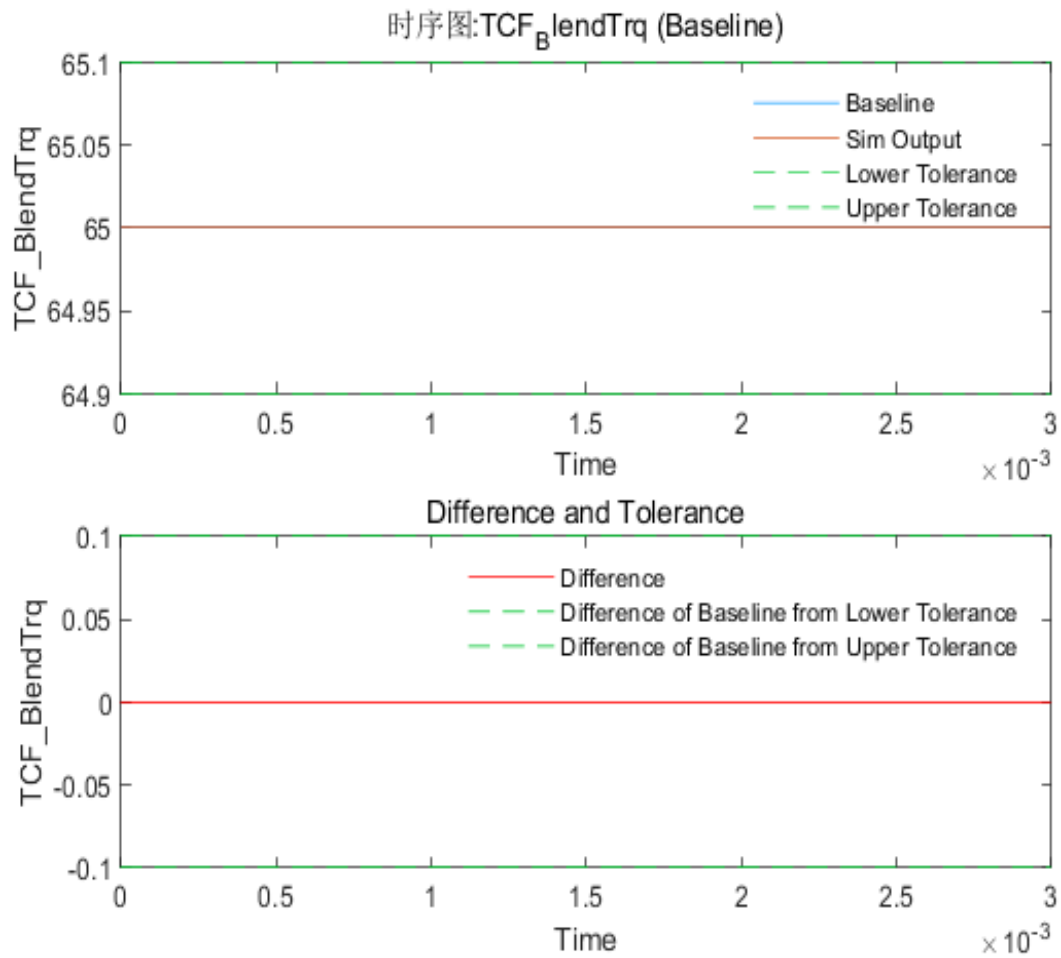
Test Case Information

Name: EI09_SWUT_MIL_TrqBlend_06
Type: Baseline Test
Baseline Name: EI09_SWUT_MIL_TrqBlend_06
Baseline File: E:\EI09_Project\ei09\03_Controller_Models\02_Platform_Models\01_Platformmodels\FS\TCF\TCF_V2\TestCase_TCF.xlsx

Baseline Comparison

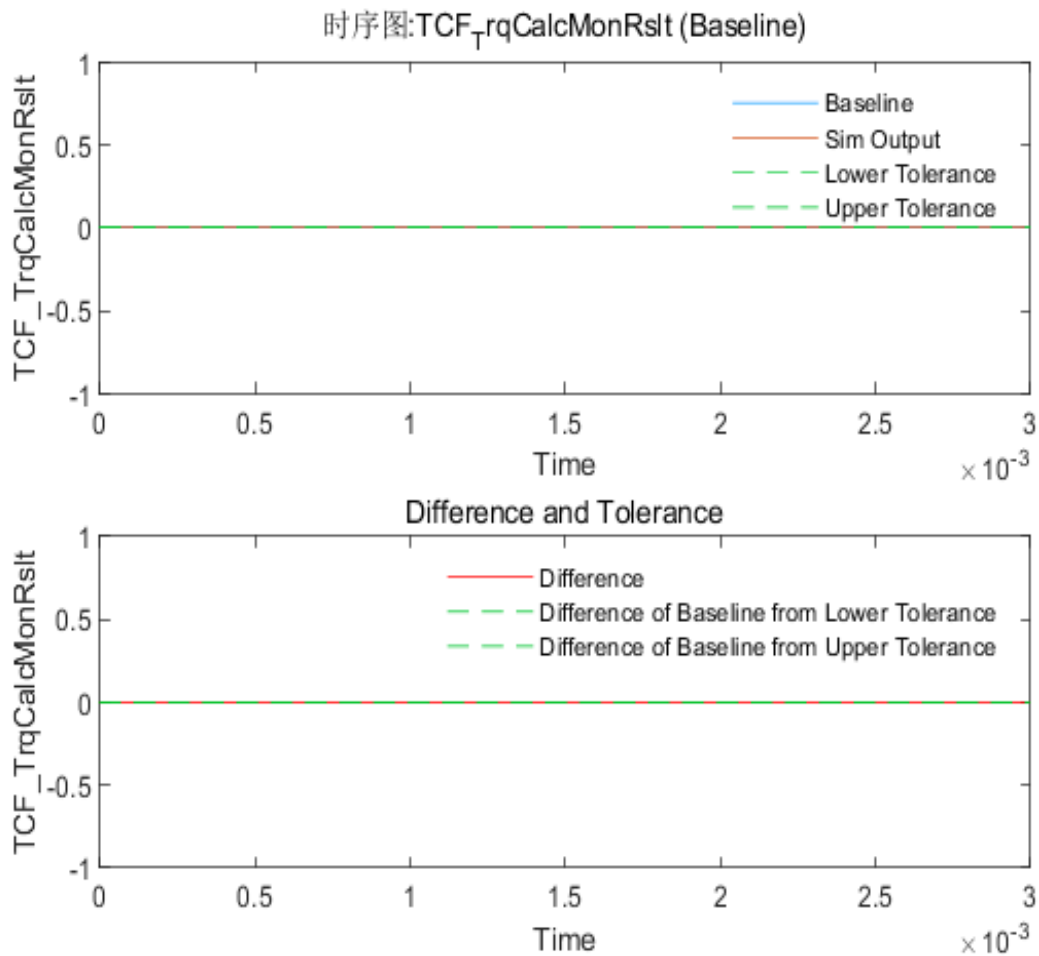
Name	Abs Tol	Rel Tol	Lead Tol	Lag Tol	Max Diff	Data Type 1	Units 1	Sample Time 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync	Link to Plot
✓ TCF_BlendTrq	0.1	0	0	0	0	single			single			zoh	union	Link
✓ TCF_TrqCalcMonRslt	0.1	0	0	0	0	boolean			boolean			zoh	union	Link

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_BlendTrq	0.1	0	0	0	0	single			single			zoh	union



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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
<div> <div></div> <div>TCF_TrqC</div> <div>alcMonRslt</div> </div>	0.1	0	0	0	0	boolean			boolean			zoh	union



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EI09_SWUT_MIL_TrqBlend_06

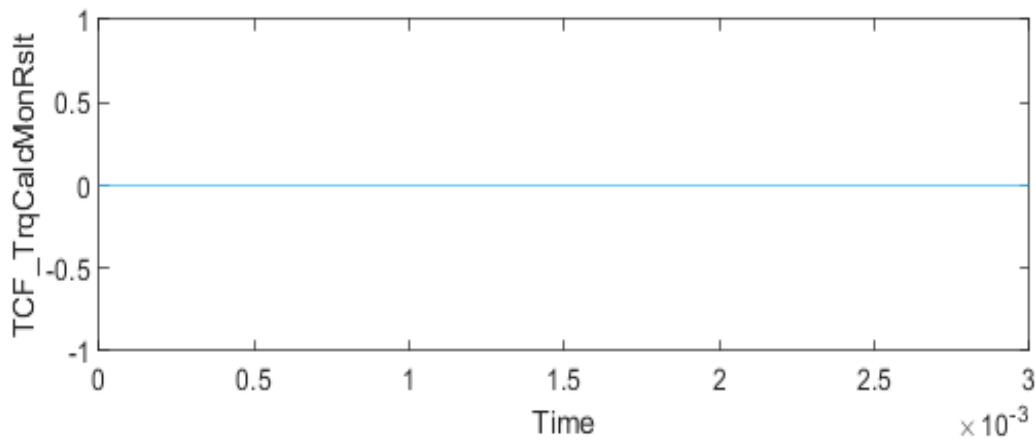
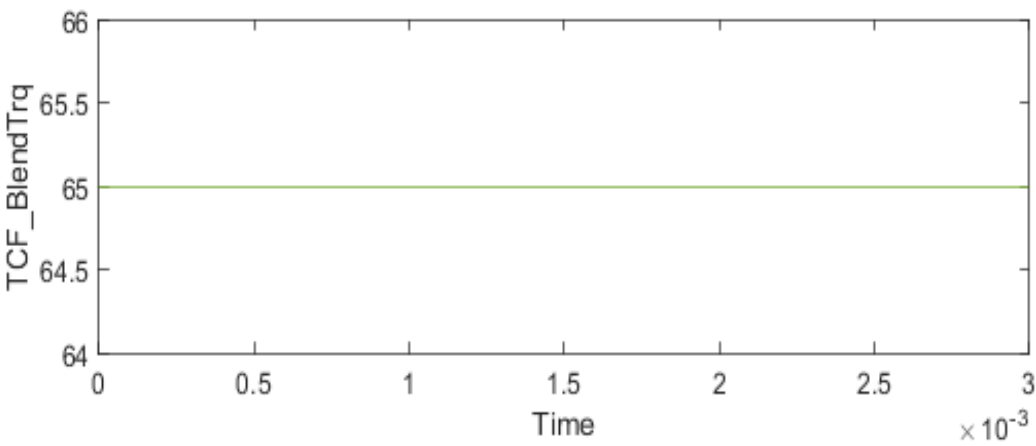
Baseline Information

Baseline Name: EI09_SWUT_MIL_TrqBlend_06
 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
TCF_BlendTrq	single			zoh	union	Link

TCF_TrqCalcMonRslt	boolean			zoh	union	Link
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Name	Data Type	Units	Sample Time	Interp	Sync
TCF_BlendTrq	single			zoh	union
TCF_TrqCalcMonRslt	boolean			zoh	union



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Input Data

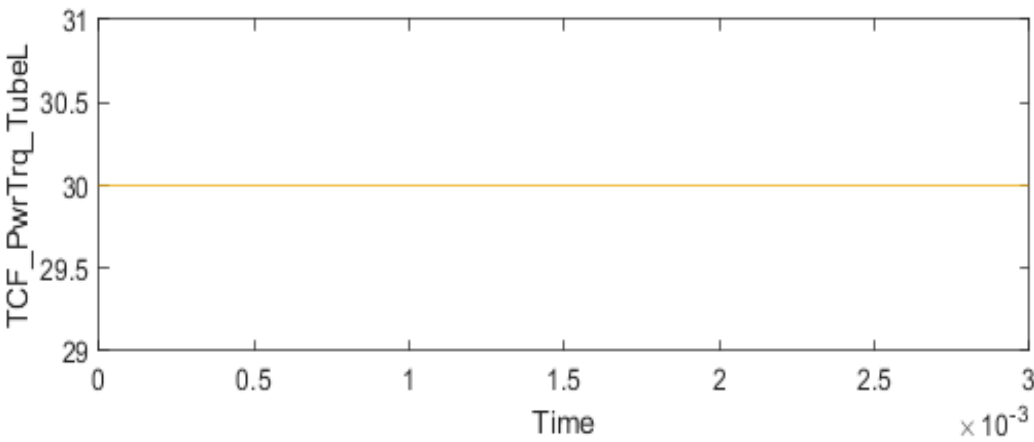
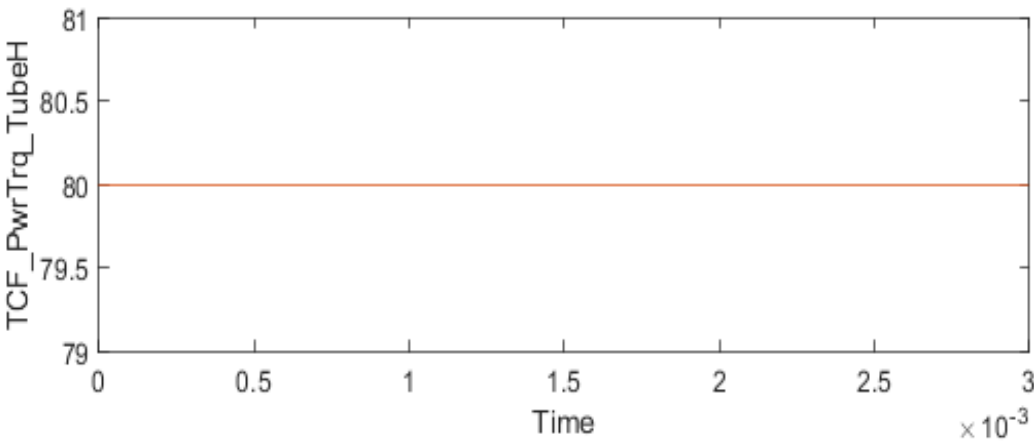
Input Information

External Input Name: EI09_SWUT_MIL_TrqBlend_06

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

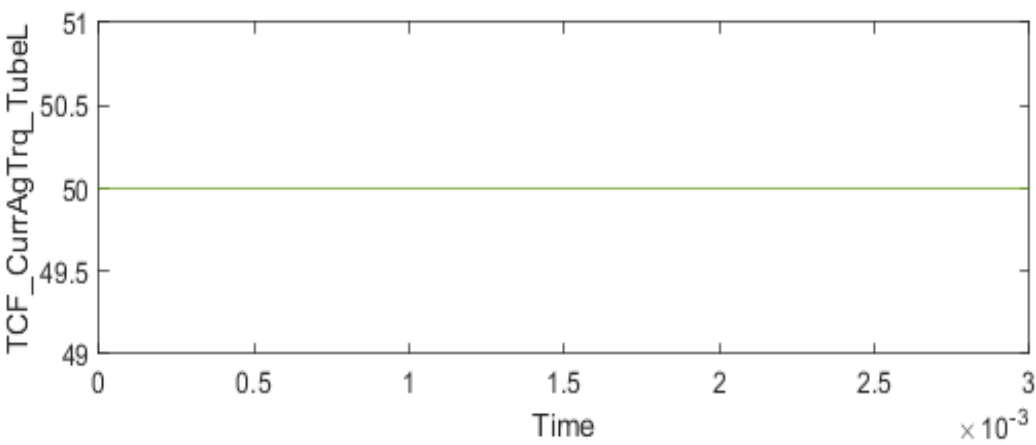
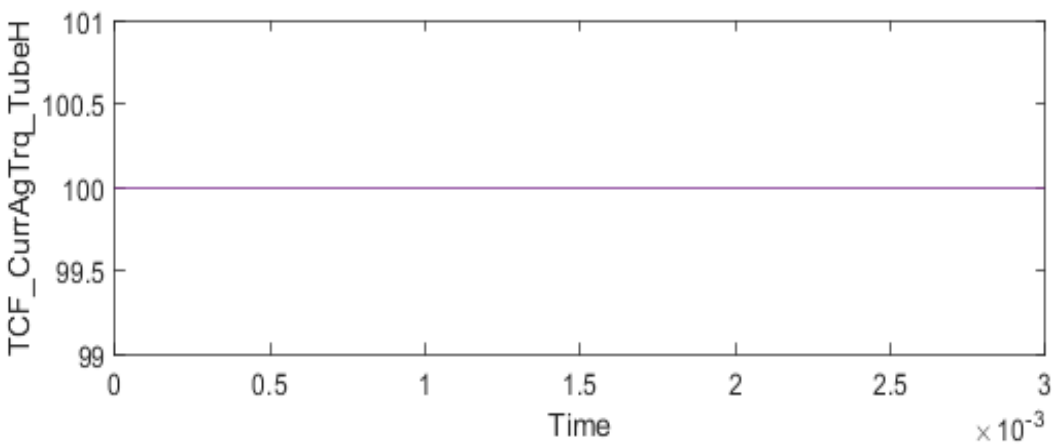
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_PwrTrq_TubeH	single			zoh	union	Link
TCF_PwrTrq_TubeL	single			zoh	union	Link
TCF_CurrAgTrq_TubeH	single			zoh	union	Link
TCF_CurrAgTrq_TubeL	single			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_PwrTrq_TubeH	single			zoh	union
TCF_PwrTrq_TubeL	single			zoh	union



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Name	Data Type	Units	Sample Time	Interp	Sync
TCF_CurrAgTrq_TubeH	single			zoh	union
TCF_CurrAgTrq_TubeL	single			zoh	union



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Simulation

System Under Test Information

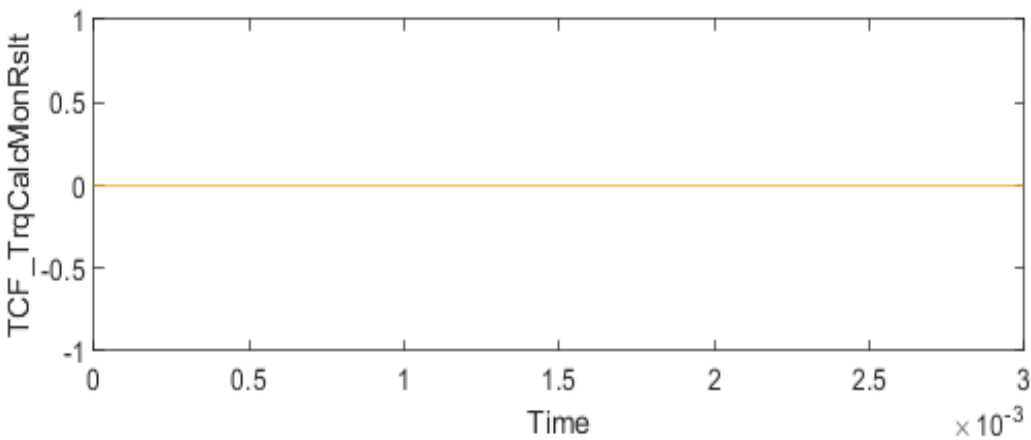
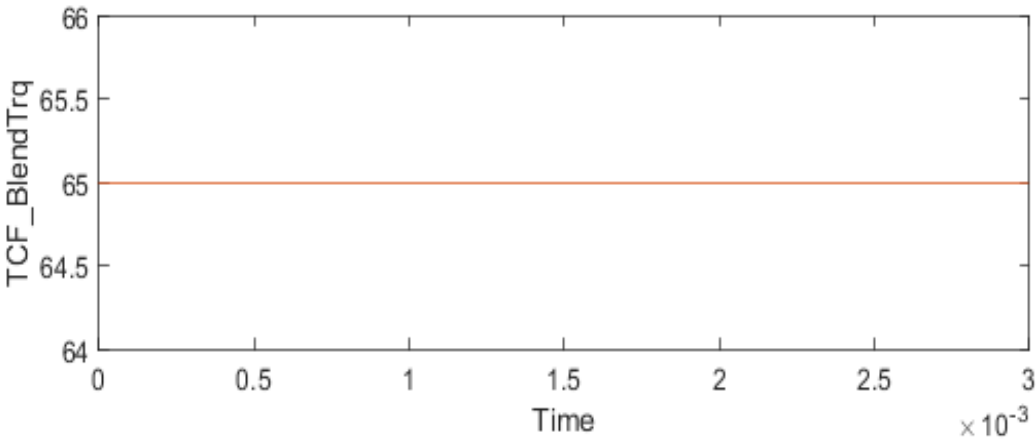
Model: SWC_TCF
Harness: SWC_TCF_Harness_TrqBlend

Harness Owner: SWC_TCF/SWC_TCF_1ms_sys/TrqBlendProc/TrqBlend
 Simulation Mode: normal
 Override SIL or PIL Mode: 0
 Configuration Set: Configuration1
 External Input Name: EI09_SWUT_MIL_TrqBlend_06
 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: 0.0030000000000000001
 Checksum: 1157600232 3779885197 221400192 1008923408
 Simulink Version: 10.1
 Model Version: 1.1
 Model Author: dongliyuan
 Date: Wed Aug 11 14:01:45 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 19:26:03
 Simulation Stop Time: 2021-12-18 19:26:03
 Platform: PCWIN64

Simulation Output

Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_BlendTrq	single			zoh	union	Link
TCF_TrqCalcMonRslt	boolean			zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_BlendTrq	single			zoh	union
TCF_TrqCalcMonRslt	boolean			zoh	union



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Simulation Logs:
Simulation stopped at '0.0030000000000000001' because there is no input data after this time point.

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