

# Report Generated by Test Manager

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**Title:** TCF\_IdIqCalc MIL Test Report

**Author:**

**Date:** 19-Dec-2021 09:53:21

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## Test Environment

Platform: PCWIN64

MATLAB: (R2020a)

Summary

Name	Outcome	Duration (Seconds)
 <a href="#">IdIqClc</a>		2.284
 <a href="#">EI09_SWUT_MIL_IdIqClc_01</a>		2.283

## IdIqClc

### Test Result Information

Result Type: Test Suite Result  
Parent: None  
Start Time: 2021-12-18 19:24:30  
End Time: 2021-12-18 19:24:32  
Outcome: Total: 1, **Passed: 1**

### Test Suite Information

Name: IdIqClc

### Aggregated Coverage Results

Analyzed Model	Sim Mode	Complexity	Execution
 <a href="#">SWC_TCF/SWC_TCF_1ms_sys/CurrAgTrqCalcProc/IdIqCalc</a>	Normal	1	100%

[Back to Report Summary](#)

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## EI09\_SWUT\_MIL\_IdIqClc\_01

### Test Result Information

Result Type: Test Case Result  
Parent: [IdIqClc](#)  
Start Time: 2021-12-18 19:24:30  
End Time: 2021-12-18 19:24:32  
Outcome: **Passed**

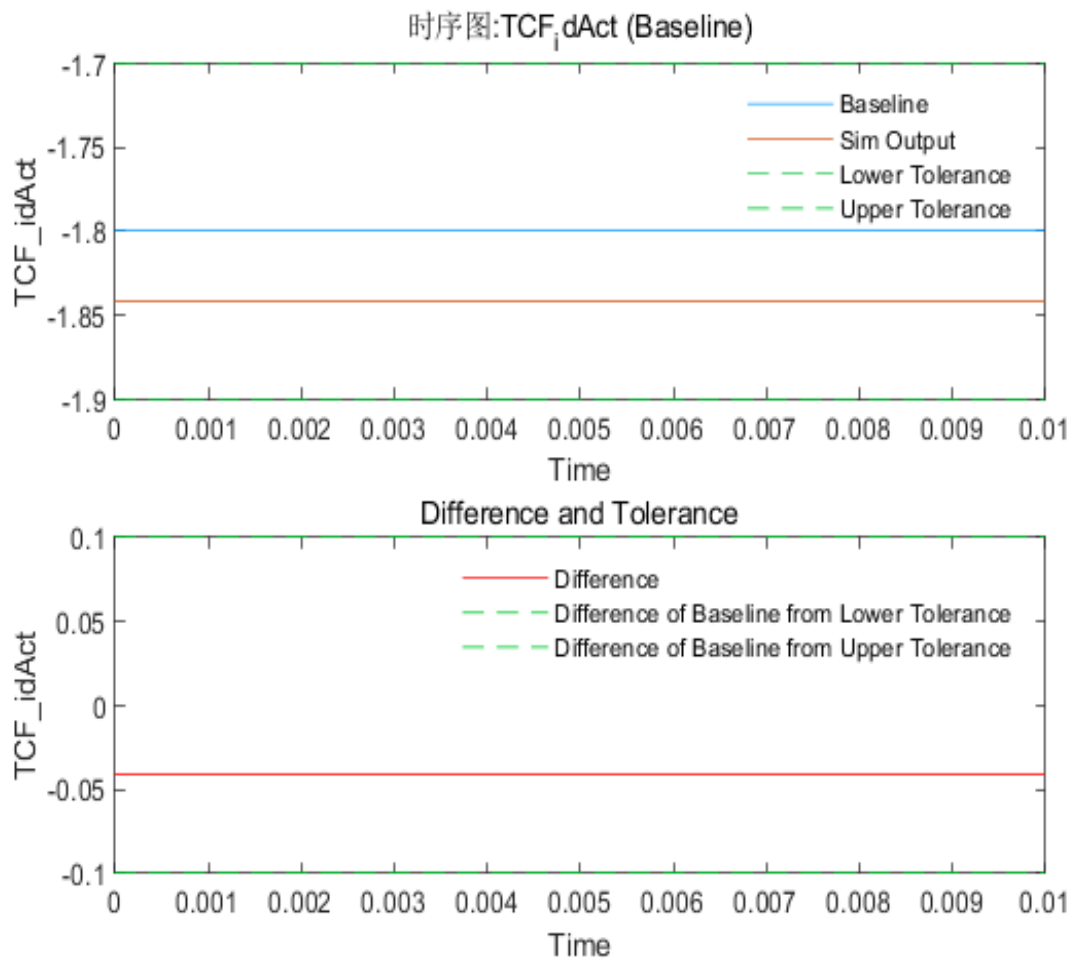
### Test Case Information

Name: EI09\_SWUT\_MIL\_IdIqClc\_01  
Type: Baseline Test  
Baseline Name: EI09\_SWUT\_MIL\_IdIqCalc\_01  
Baseline File: E:\EI09\_Project\ei09\03\_Controller\_Models\02\_Platform\_Models\01\_Platformmodels\FS\TCF\TCF\_V2\TestCase\_TCF.xlsx

## Baseline Comparison

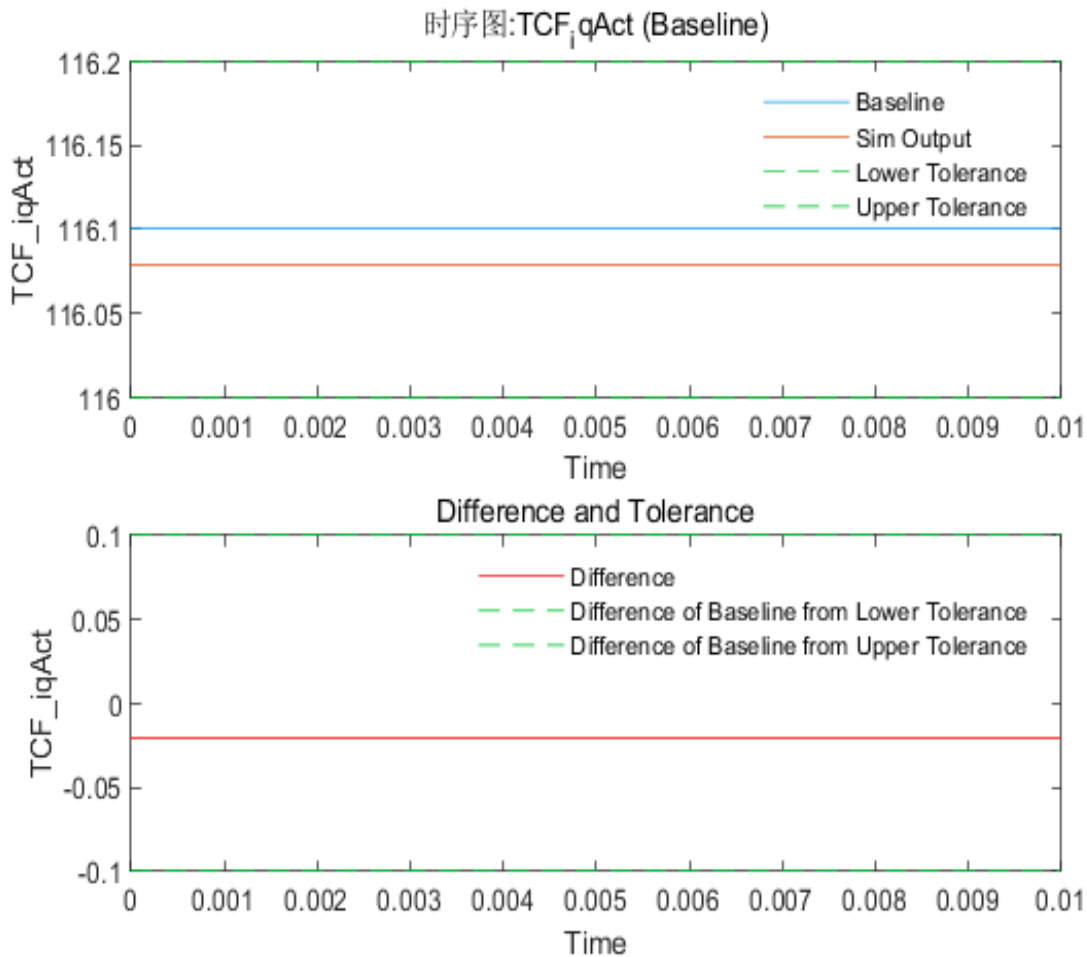
Name	Abs Tol	Rel Tol	Lead Tol	Lag Tol	Max Diff	Data Type 1	Units 1	Sample Time 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync	Link to Plot
✓ TCF_idAct	0.1	0	0	0	0.0411	single			single			zoh	union	<a href="#">Link</a>
✓ TCF_iqAct	0.1	0	0	0	0.0207	single			single			zoh	union	<a href="#">Link</a>

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_idAct	0.1	0	0	0	0.0411	single			single			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
✓ TCF_iqAct	0.1	0	0	0	0.0207	single			single			zoh	union



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

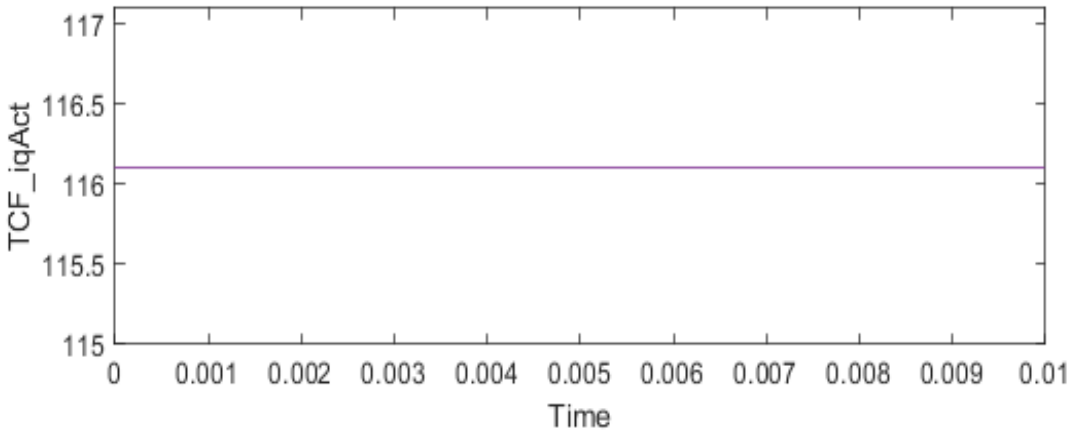
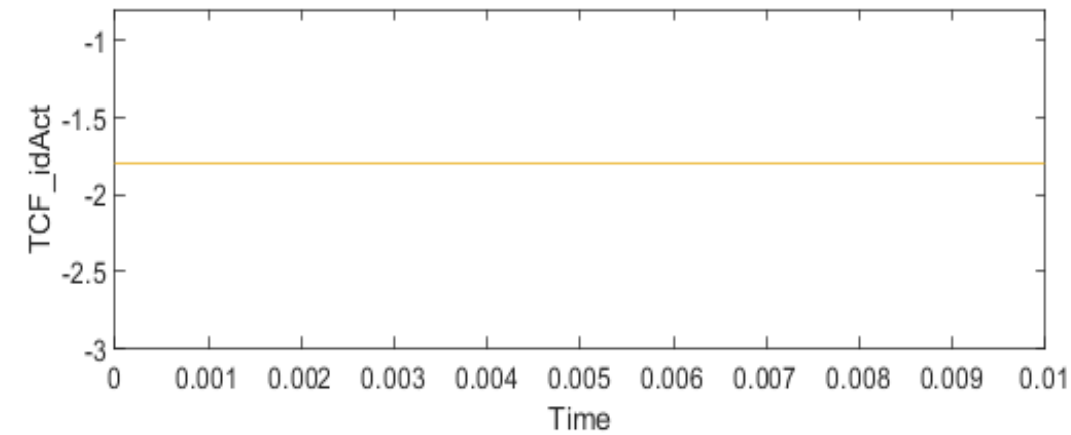
## EI09\_SWUT\_MIL\_IdIqCalc\_01

### Baseline Information

Baseline Name: EI09\_SWUT\_MIL\_IdIqCalc\_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_idAct	single			zoh	union	<a href="#">Link</a>
TCF_iqAct	single			zoh	union	<a href="#">Link</a>

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



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

## Input Data

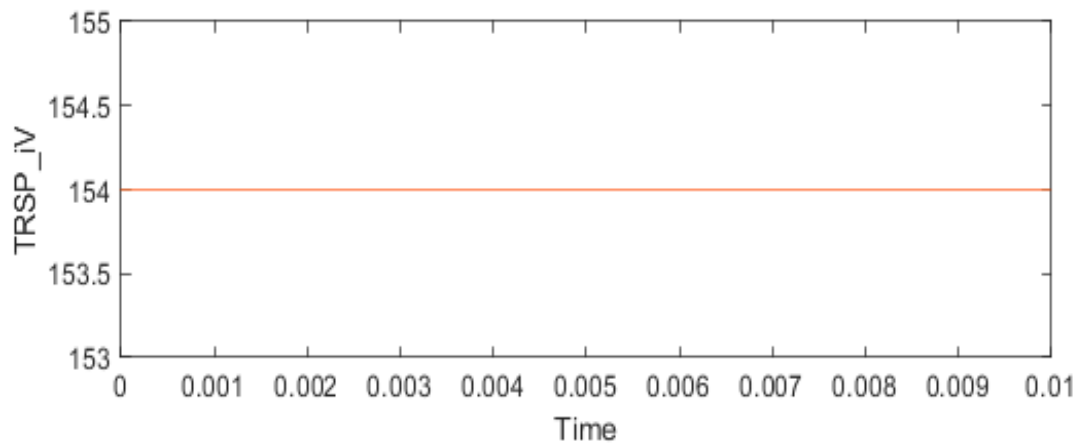
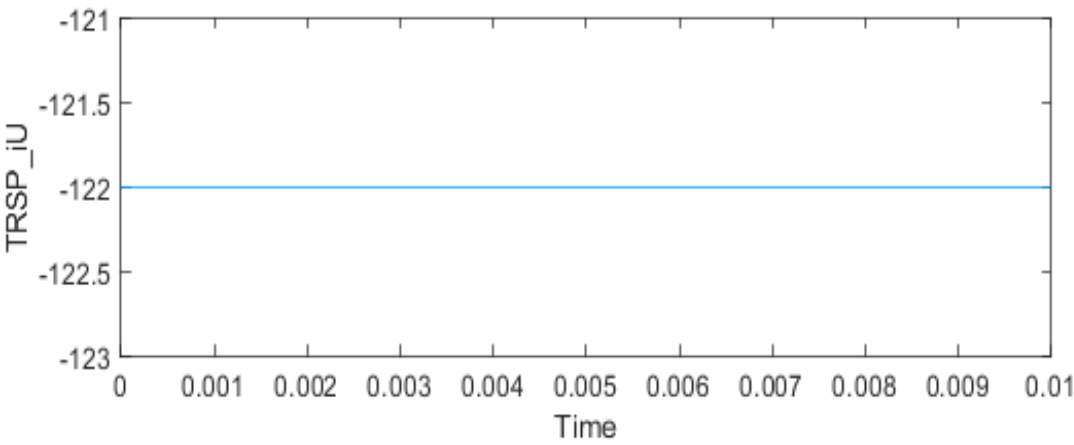
### Input Information

External Input Name: EI09\_SWUT\_MIL\_IdIqCalc\_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
TRSP_iU	single			zoh	union	<a href="#">Link</a>
TRSP_iV	single			zoh	union	<a href="#">Link</a>
TRSP_iW	single			zoh	union	<a href="#">Link</a>
SWD_AgRtr	single			zoh	union	<a href="#">Link</a>

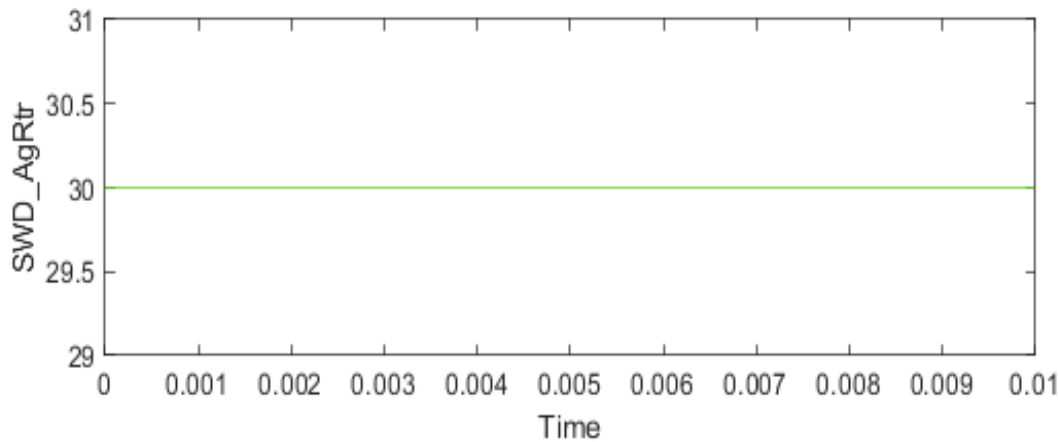
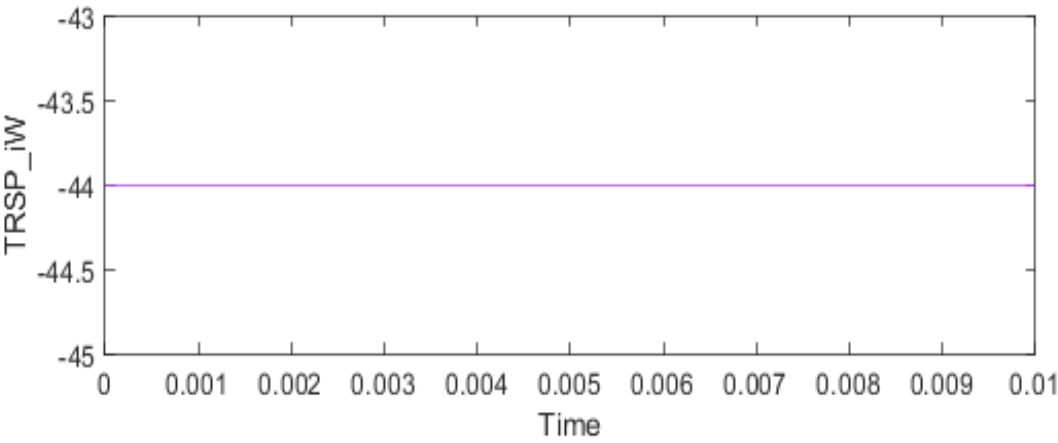
Name	Data Type	Units	Sample Time	Interp	Sync
TRSP_iU	single			zoh	union
TRSP_iV	single			zoh	union



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



Name	Data Type	Units	Sample Time	Interp	Sync
TRSP_iW	single			zoh	union
SWD_AgRtr	single			zoh	union



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

## Simulation

### System Under Test Information

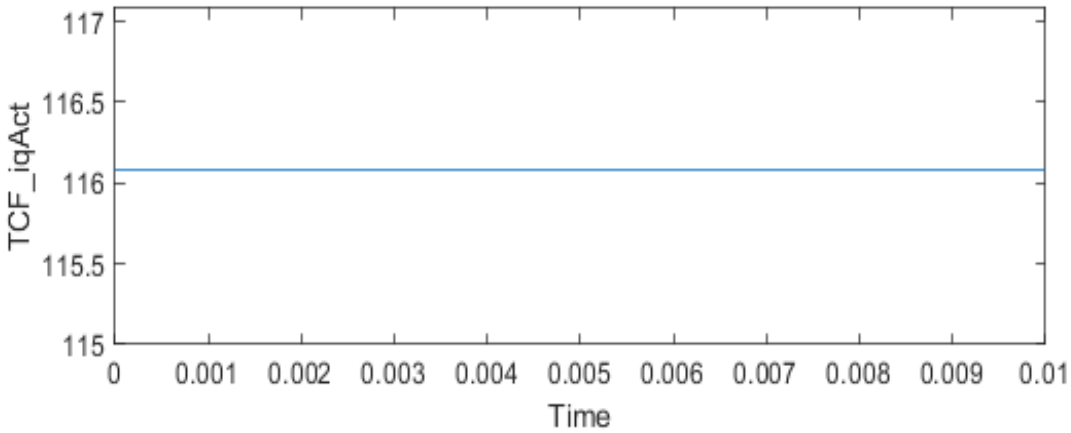
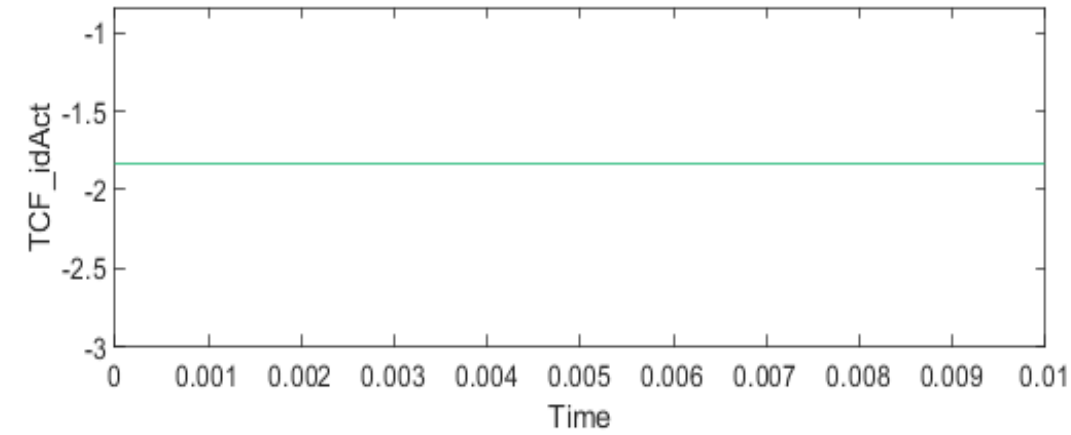
Model: SWC\_TCF  
Harness: SWC\_TCF\_Harness\_IdIqCalc  
Harness Owner: SWC\_TCF/SWC\_TCF\_1ms\_sys/CurrAgTrqCalcProc/IdIqCalc

Simulation Mode: normal  
 Override SIL or PIL Mode:  
 Configuration Set: Configuration1  
 External Input Name: EI09\_SWUT\_MIL\_IdIqCalc\_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: 581208943 2246920567 4050183540 1636334027  
 Simulink Version: 10.1  
 Model Version: 1.1  
 Model Author: dongliyuan  
 Date: Tue Jul 27 10:13:49 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: 0.0001  
 Simulation Start Time: 2021-12-18 19:24:30  
 Simulation Stop Time: 2021-12-18 19:24:30  
 Platform: PCWIN64

## Simulation Output

Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_idAct	single			zoh	union	<a href="#">Link</a>
TCF_iqAct	single			zoh	union	<a href="#">Link</a>

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



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

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

[Back to Report Summary](#)

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