

# Report Generated by Test Manager

---

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

**Author:**

**Date:** 19-Dec-2021 09:52:37







---

## Test Environment

Platform: PCWIN64

MATLAB: (R2020a)

Summary

Name	Outcome	Duration (Seconds)
 <a href="#">PwrTrqClc</a>	2 	5.39
 <a href="#">EI09_SWUT_MIL_PwrTrqClc_01</a>		2.091
 <a href="#">EI09_SWUT_MIL_PwrTrqClc_02</a>		2.014

## PwrTrqClc


### Test Result Information

Result Type: Test Suite Result  
Parent: None  
Start Time: 2021-12-18 19:24:22  
End Time: 2021-12-18 19:24:28  
Outcome: Total: 2, **Passed: 2**

### Test Suite Information

Name: PwrTrqClc

### Aggregated Coverage Results

Analyzed Model	Sim Mode	Complexity	Decision	Execution
 <a href="#">SWC_TCF/SWC_TCF_1ms_sys/PwrTrqCalcProc/PwrTrqCalc</a>	Normal	2	100%	100%

[Back to Report Summary](#)

---

## EI09\_SWUT\_MIL\_PwrTrqClc\_01

### Test Result Information

Result Type: Test Case Result  
Parent: [PwrTrqClc](#)  
Start Time: 2021-12-18 19:24:22  
End Time: 2021-12-18 19:24:24  
Outcome: **Passed**

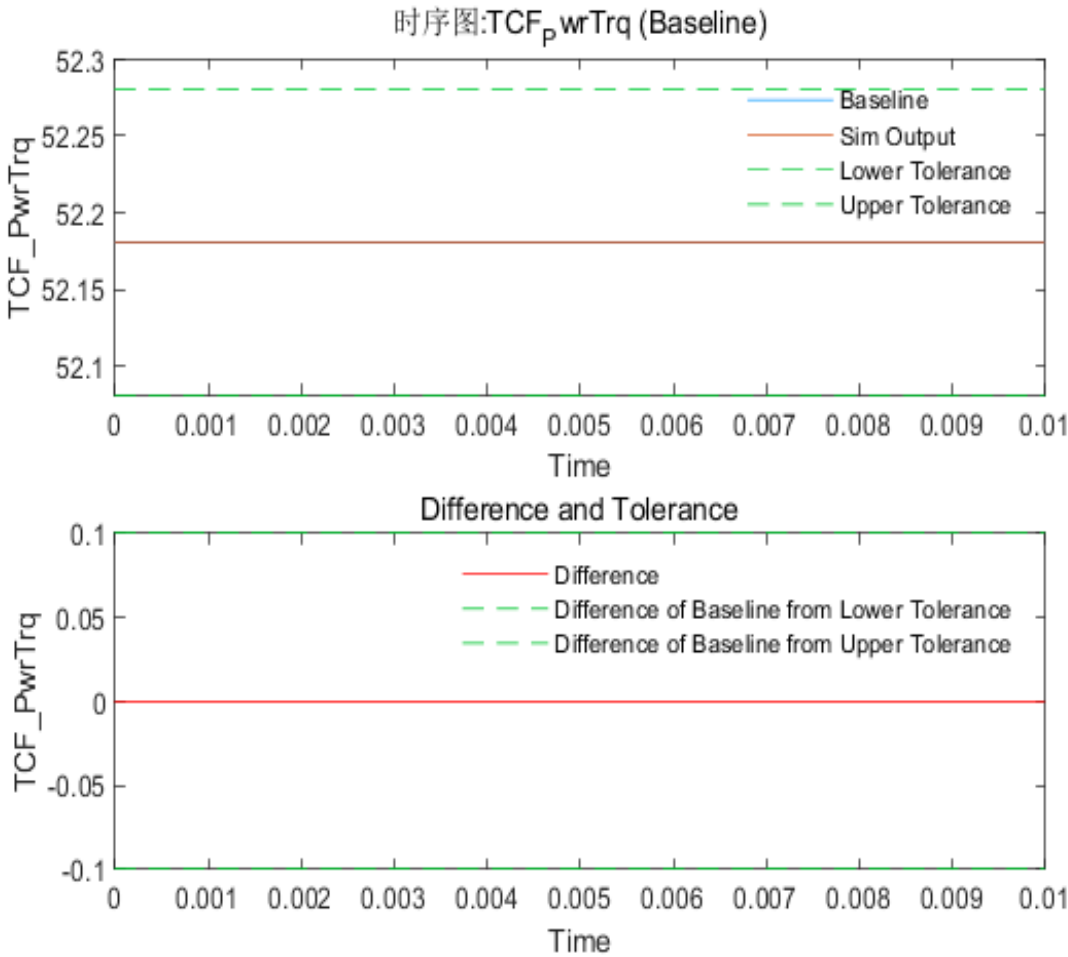
### Test Case Information

Name: EI09\_SWUT\_MIL\_PwrTrqClc\_01  
Type: Baseline Test  
Baseline Name: EI09\_SWUT\_MIL\_PwrTrqCalc\_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
<div><div></div><div>TCF_PwrTrq</div></div>	0.1	0	0	0	3.81e-06	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
<div><div></div><div>TCF_PwrTrq</div></div>	0.1	0	0	0	3.81e-06	single			single			zoh	union



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

## EI09\_SWUT\_MIL\_PwrTrqCalc\_01

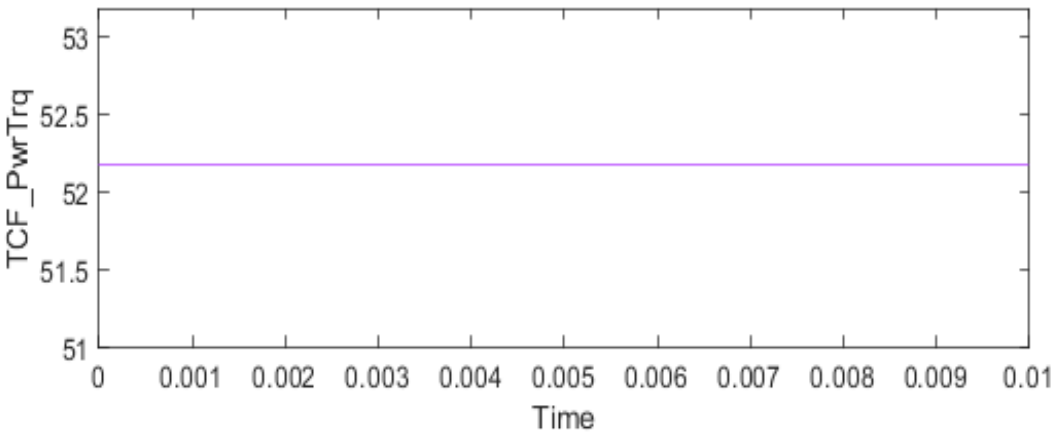
### Baseline Information

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

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



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

**Input Data**

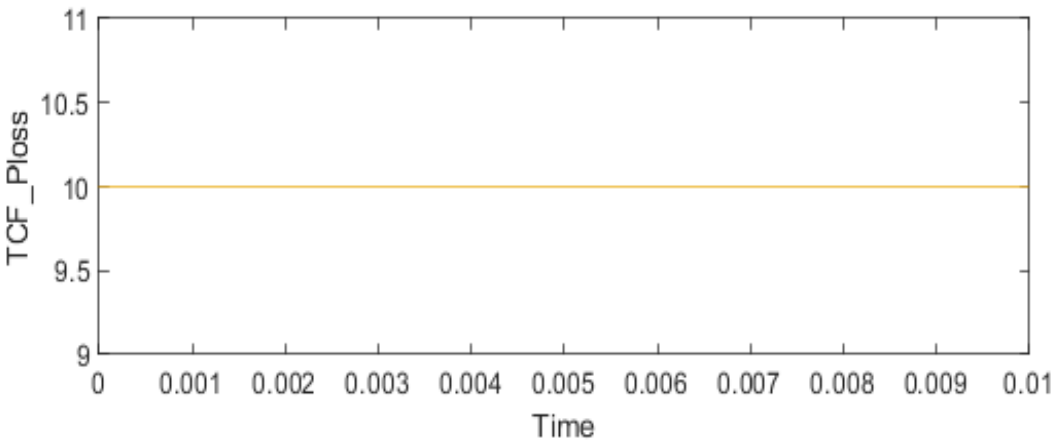
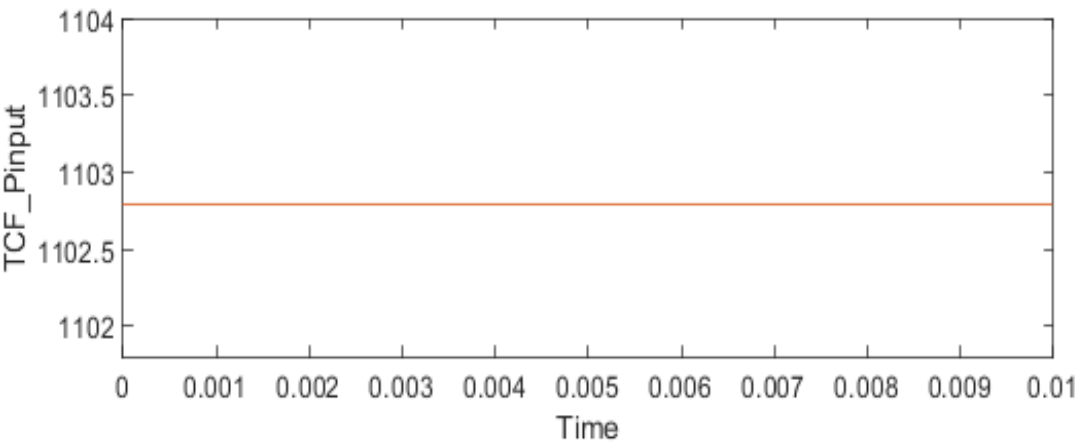
**Input Information**

External Input Name: EI09\_SWUT\_MIL\_PwrTrqCalc\_01

External Input File: E:\EI09\_Project\ei09\03\_Controller\_Models\02\_Platform\_Models\01\_Platformmodels\FS\TCF\TCF\_V2\TestCase\_TCF.xlsx

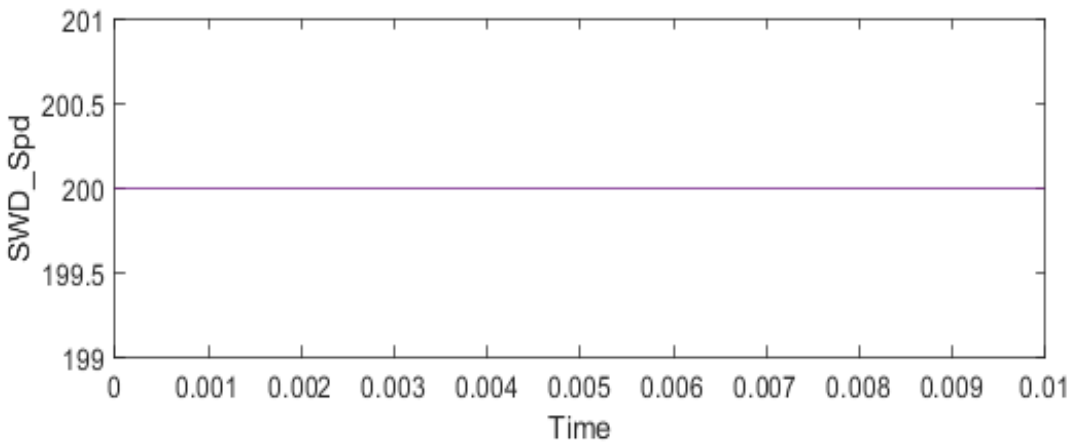
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_Pinput	single			zoh	union	<a href="#">Link</a>
TCF_Ploss	single			zoh	union	<a href="#">Link</a>
SWD_Spd	single			zoh	union	<a href="#">Link</a>

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_Pinput	single			zoh	union
TCF_Ploss	single			zoh	union



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

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



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

**Simulation**

**System Under Test Information**

Model: SWC\_TCF  
Harness: SWC\_TCF\_Harness\_PwrTrqCalc  
Harness Owner: SWC\_TCF/SWC\_TCF\_1ms\_sys/PwrTrqCalcProc/PwrTrqCalc  
Simulation Mode: normal



## Override SIL or PIL Mod 0

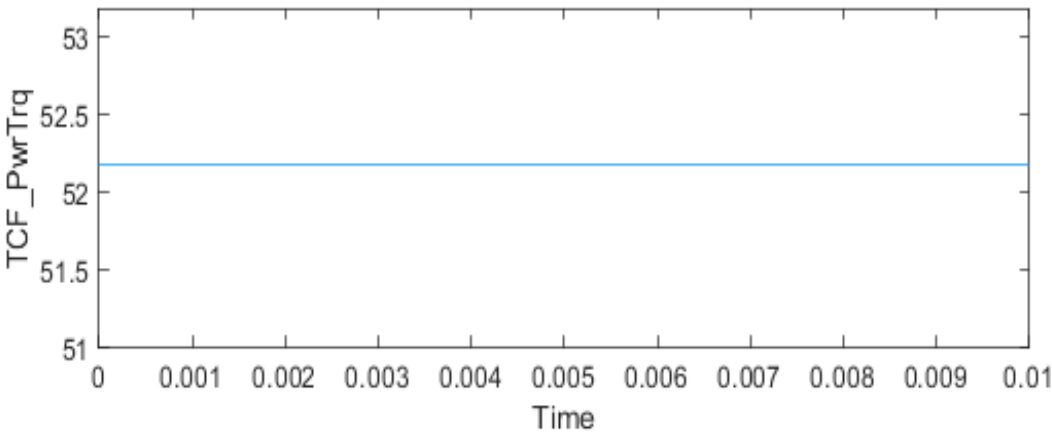
e:

Configuration Set: Configuration1  
External Input Name: EI09\_SWUT\_MIL\_PwrTrqCalc\_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: 3263249330 1151797069 2461857464 4233512242  
Simulink Version: 10.1  
Model Version: 1.2  
Model Author: dongliyuan  
Date: Tue Jul 27 09:56:38 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 19:24:22  
Simulation Stop Time: 2021-12-18 19:24:23  
Platform: PCWIN64

## Simulation Output

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

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_PwrTrq	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](#)


## Test Result Information


Result Type: Test Case Result  
Parent: [PwrTrqClc](#)  
Start Time: 2021-12-18 19:24:26  
End Time: 2021-12-18 19:24:28  
Outcome: **Passed**

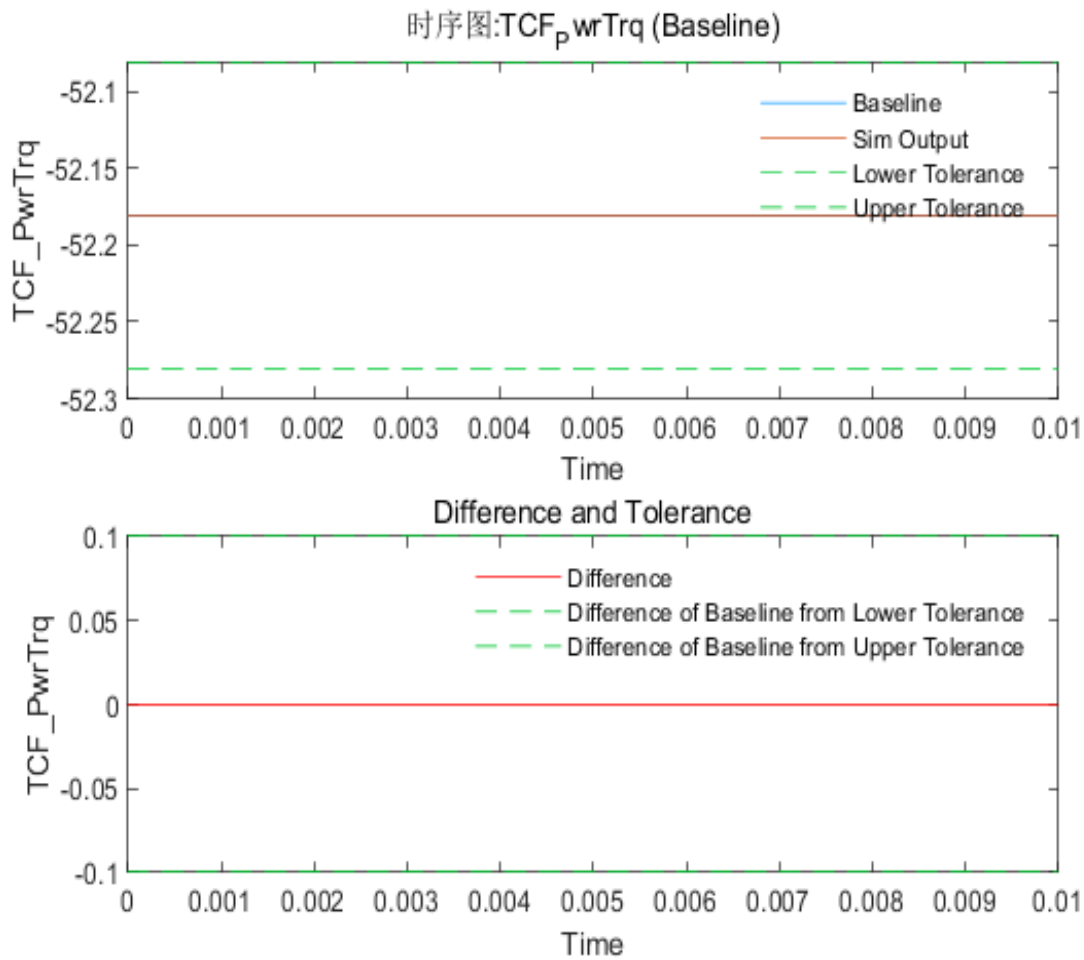
## Test Case Information

Name: EI09\_SWUT\_MIL\_PwrTrqClc\_02  
Type: Baseline Test  
Baseline Name: EI09\_SWUT\_MIL\_PwrTrqCalc\_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_PwrTrq	0.1	0	0	0	3.81e-06	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_PwrTrq	0.1	0	0	0	3.81e-06	single			single			zoh	union



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

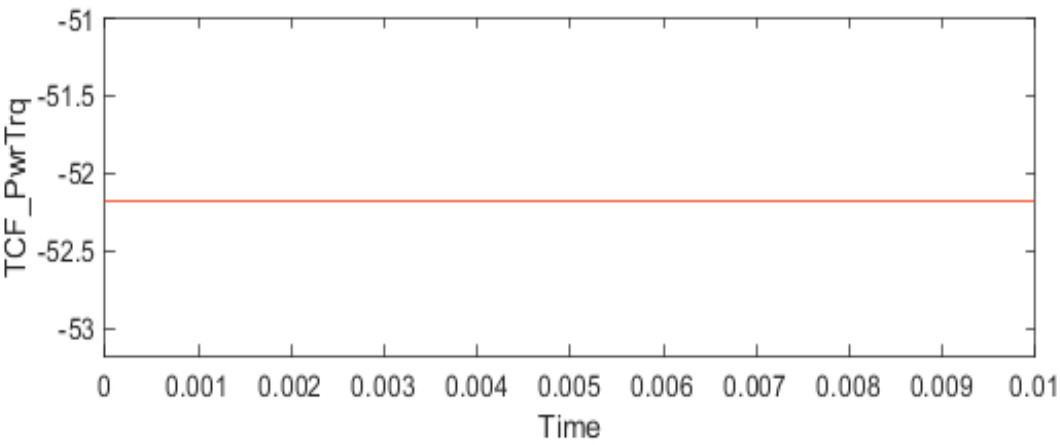
## EI09\_SWUT\_MIL\_PwrTrqCalc\_02

### Baseline Information

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

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



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

**Input Data**

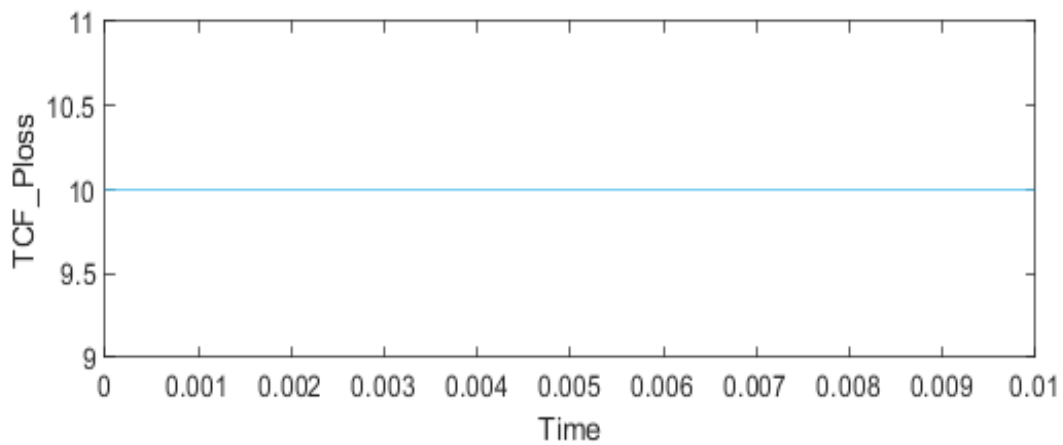
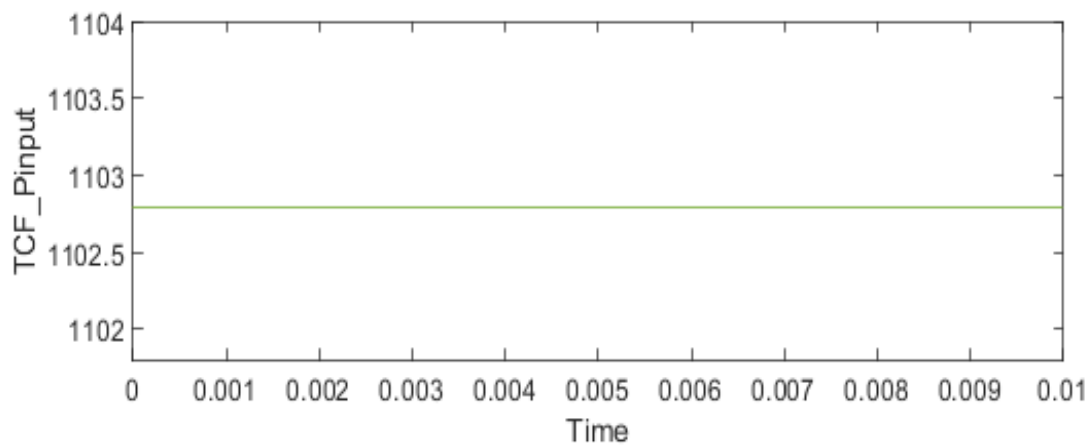
**Input Information**

External Input Name: EI09\_SWUT\_MIL\_PwrTrqCalc\_02

External Input File: E:\EI09\_Project\ei09\03\_Controller\_Models\02\_Platform\_Models\01\_Platformmodels\FS\TCF\TCF\_V2\TestCase\_TCF.xlsx

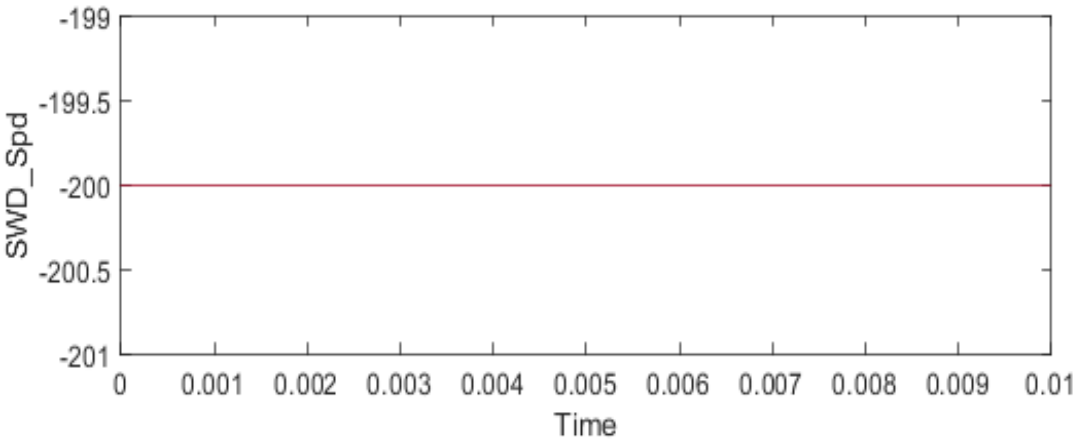
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
TCF_Pinut	single			zoh	union	<a href="#">Link</a>
TCF_Ploss	single			zoh	union	<a href="#">Link</a>
SWD_Spd	single			zoh	union	<a href="#">Link</a>

Name	Data Type	Units	Sample Time	Interp	Sync
TCF_Pinut	single			zoh	union
TCF_Ploss	single			zoh	union



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

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



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

**Simulation**

**System Under Test Information**

Model: SWC\_TCF  
Harness: SWC\_TCF\_Harness\_PwrTrqCalc

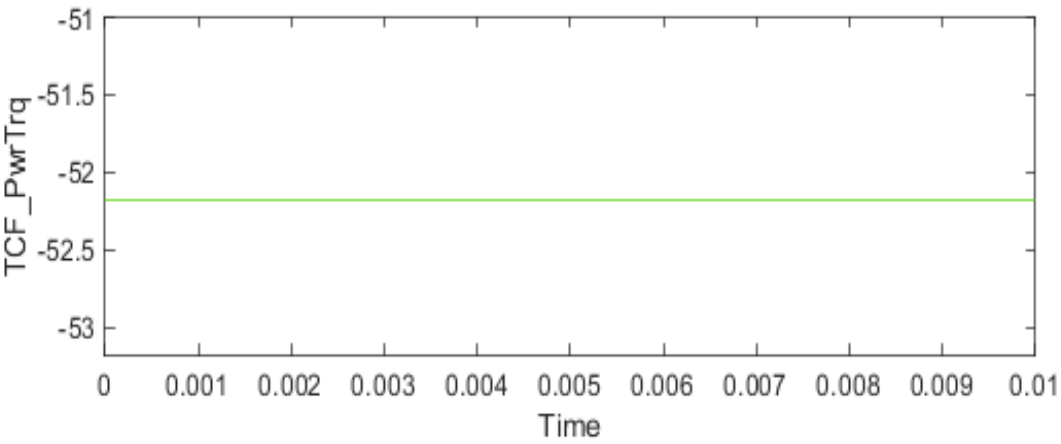
Harness Owner: SWC\_TCF/SWC\_TCF\_1ms\_sys/PwrTrqCalcProc/PwrTrqCalc  
 Simulation Mode: normal  
 Override SIL or PIL Mode:  
 Configuration Set: Configuration1  
 External Input Name: EI09\_SWUT\_MIL\_PwrTrqCalc\_02  
 External Input File: E:\EI09\_Project\ei09\03\_Controller\_Models\02\_Platform\_Models\01\_Platformmodels\FS\TCF\TCF\_V2\TestCase\_TCF.xlsx  
 Start Time: 0  
 Stop Time: 0.01  
 Checksum: 3263249330 1151797069 2461857464 4233512242  
 Simulink Version: 10.1  
 Model Version: 1.2  
 Model Author: dongliyuan  
 Date: Tue Jul 27 09:56:38 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 19:24:26  
 Simulation Stop Time: 2021-12-18 19:24:26  
 Platform: PCWIN64

## Simulation Output

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



Name	Data Type	Units	Sample Time	Interp	Sync
TCF_PwrTrq	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](#)

---