

Report Generated by Test Manager

Title: Test_baseline_01
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Date: 06-Apr-2021 12:23:18

Test Environment

Platform: PCWIN64
MATLAB: (R2019b)

Summary

Name

Outcome

Duration
(Seconds)

 [SoC_handle FSM BaselineTest](#)



3.606

SoC_handle_FSM_BaselineTest

Test Result Information

Result Type: Test Case Result
 Parent: None
 Start Time: 06-Apr-2021 12:22:53
 End Time: 06-Apr-2021 12:22:57
 Outcome: **Failed**
 Cause of Failure: **Failed criteria: Baseline**

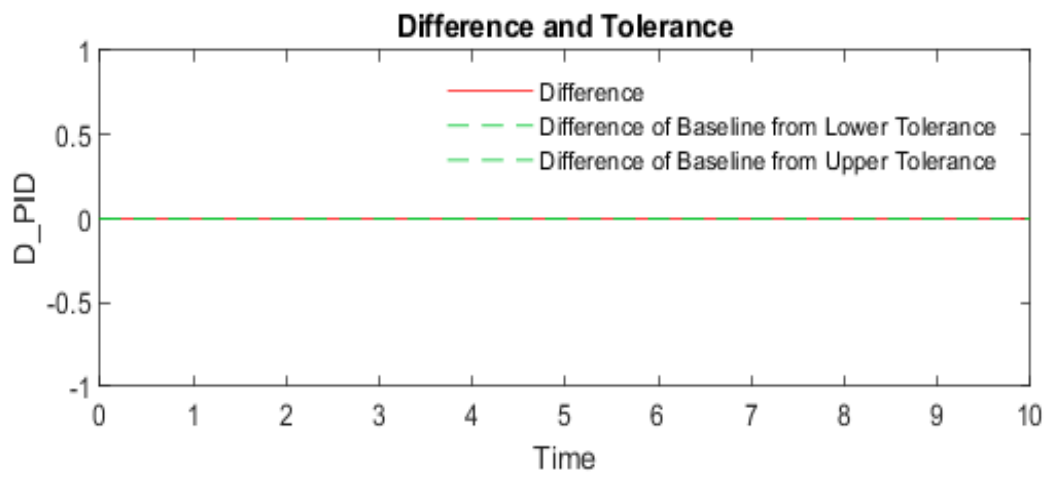
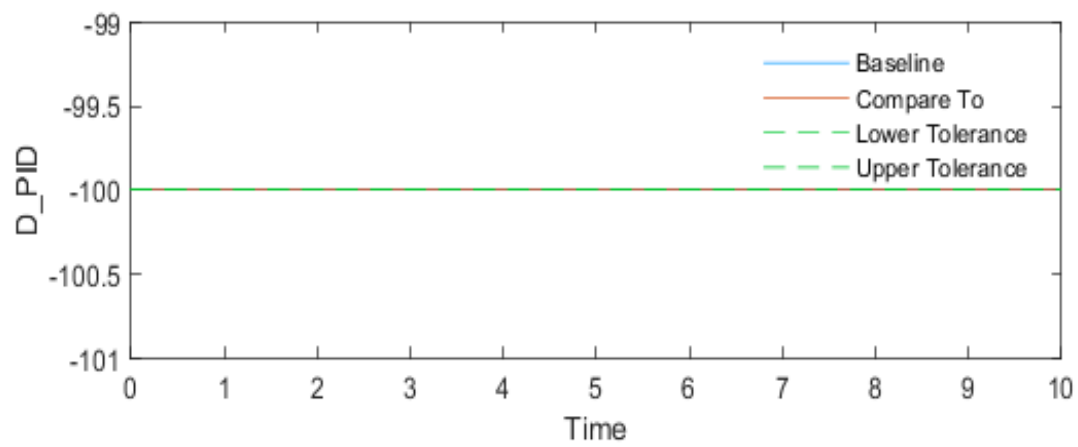
Test Case Information

Name: SoC_handle_FSM_BaselineTest
 Type: Baseline Test
 Baseline Name: Baseline_FSM_Testing_rev2.mat
 Baseline File: D:\Dati\Università\MAGISTRALE\SecondYear\Compliance Design\Baseline_FSM_Testing_rev2.mat

Baseline Comparison

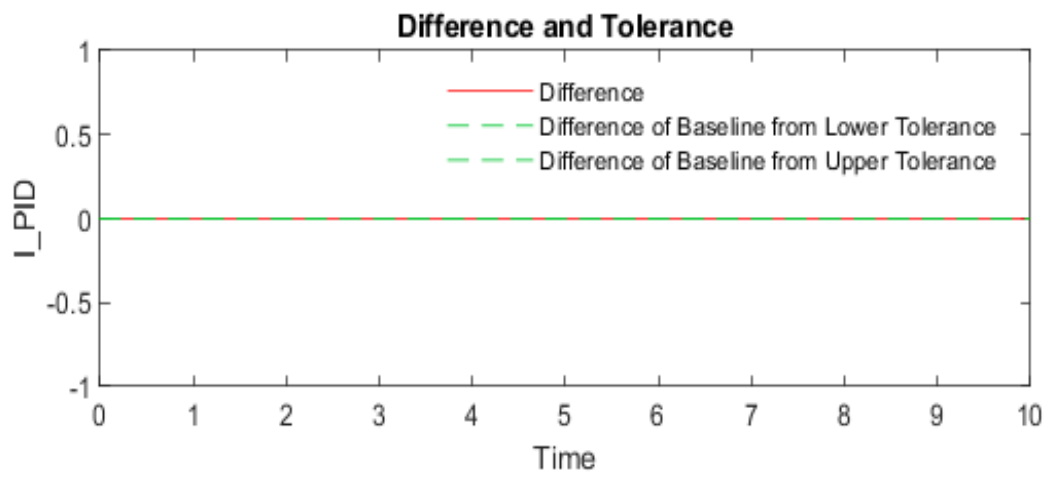
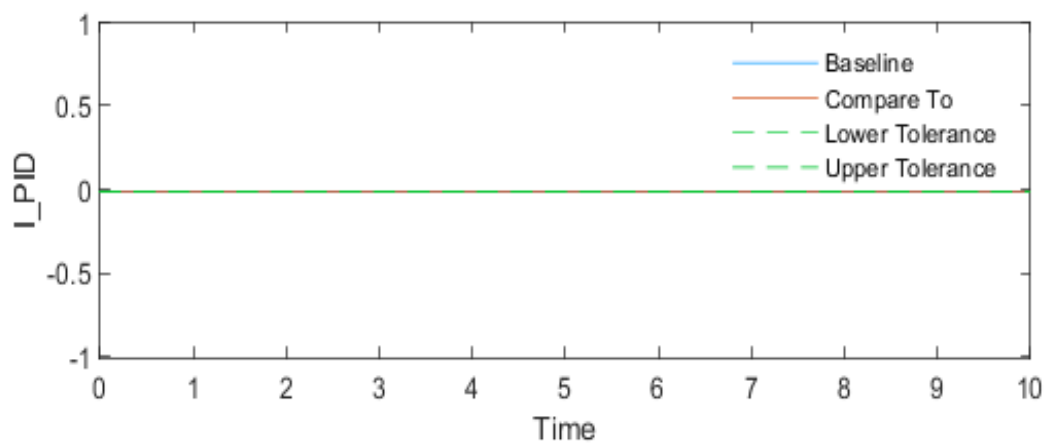
Name	Abs Tol	Rel Tol	Lead Tol	Lag Tol	Max Diff	Data Type 1	Units 1	Sample Time 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync	Link to Plot
✓ D_PID	0	0	0	0	0	double			double		Continuous	zoh	union	Link
✓ I_PID	0	0	0	0	0	double			double		Continuous	zoh	union	Link
✗ OutOfRange	0	0	0	0	1	double			double		Continuous	zoh	union	Link
✓ P_PID	0	0	0	0	0	double			double		Continuous	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
✓ D_PID	0	0	0	0	0	double			double		Continuous	zoh	union




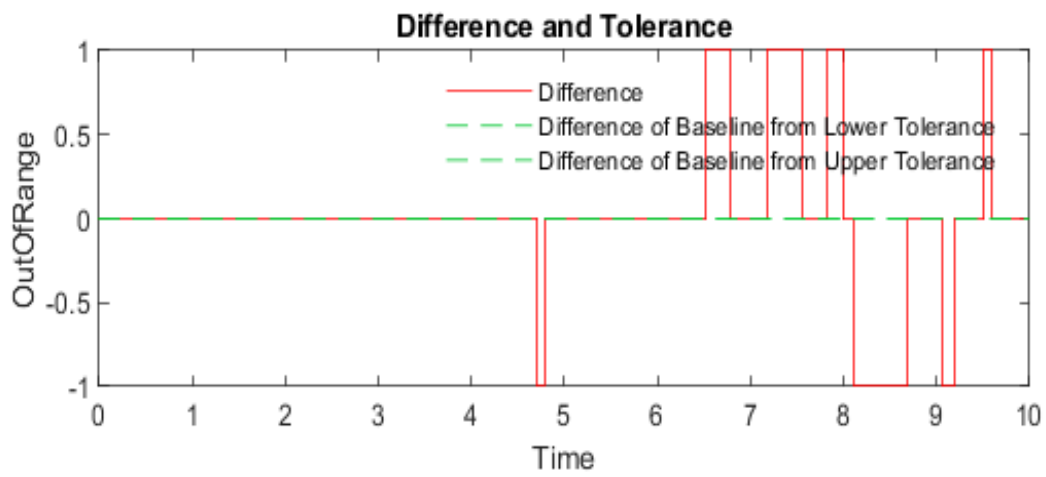
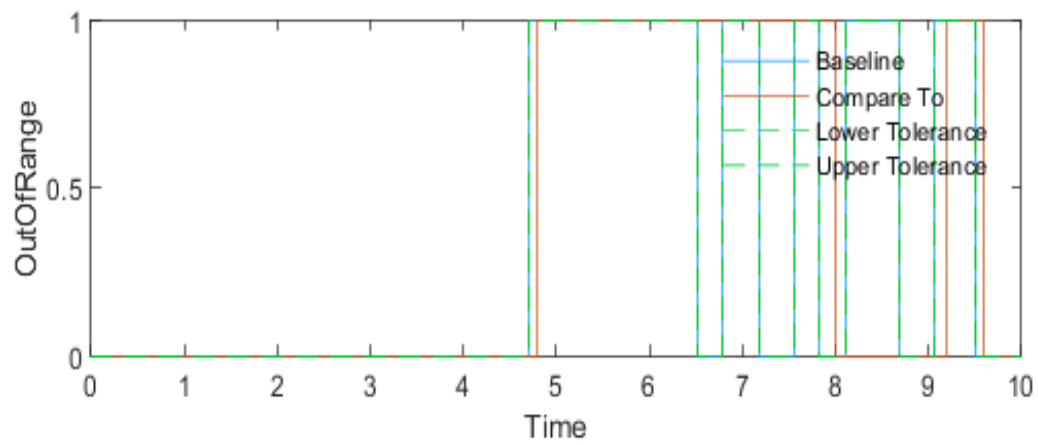
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Name	Abs Tol	Rel Tol	Lead Tol	Lag Tol	Max Diff	Data Type 1	Units 1	Sample Time 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync
✓ I_PID	0	0	0	0	0	double			double		Continuous	zoh	union



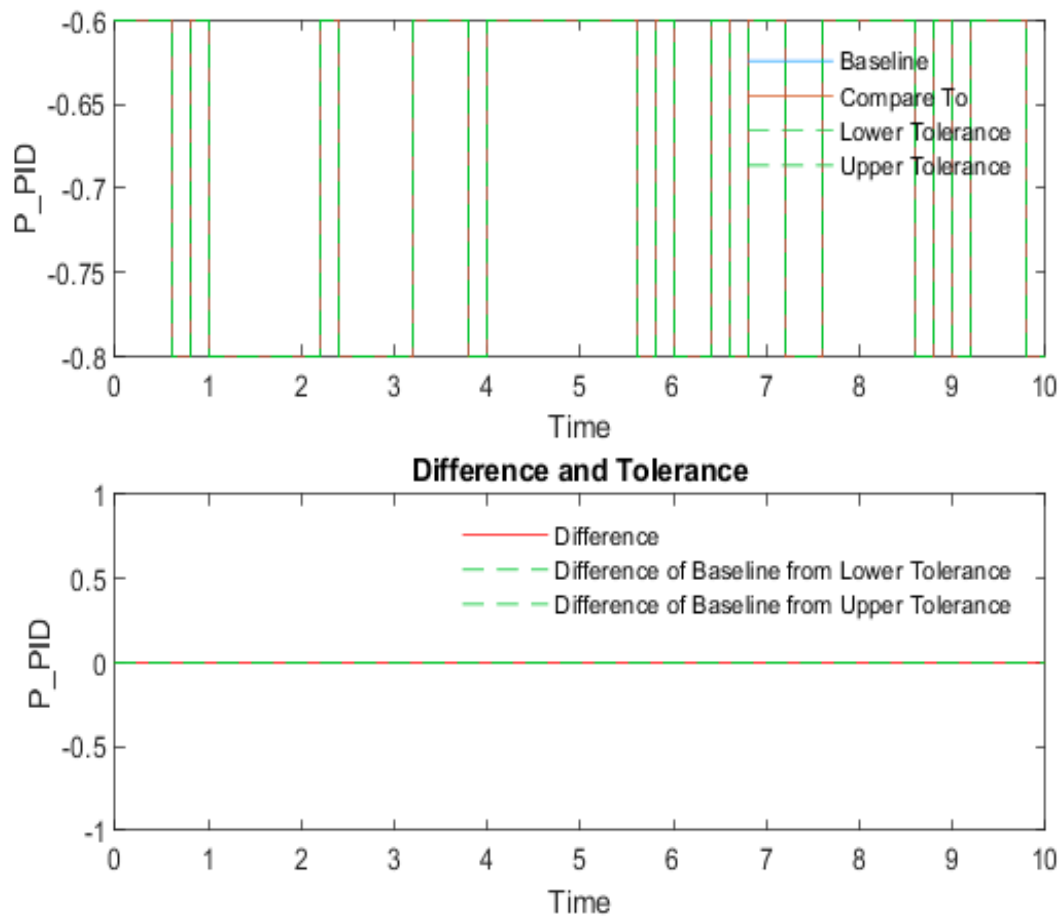
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Name	Abs Tol	Rel Tol	Lead Tol	Lag Tol	Max Diff	Data Type 1	Units 1	Sample Time 1	Data Type 2	Units 2	Sample Time 2	Interp	Sync
 OutOfRange	0	0	0	0	1	double			double		Continuous	zoh	union



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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
✓ P_PID	0	0	0	0	0	double			double		Continuous	zoh	union



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Simulation

System Under Test Information

Model: Bozza_longitudinal_rev2_19b
 Harness: Bozza_longitudinal_rev2_19b_Harness3
 Harness Owner: Bozza_longitudinal_rev2_19b/Chart
 Simulation Mode: normal
 Override SIL or PIL Mod 0
 e:
 Configuration Set: Configuration1
 External Input Name: Test_chart_rev2.mat

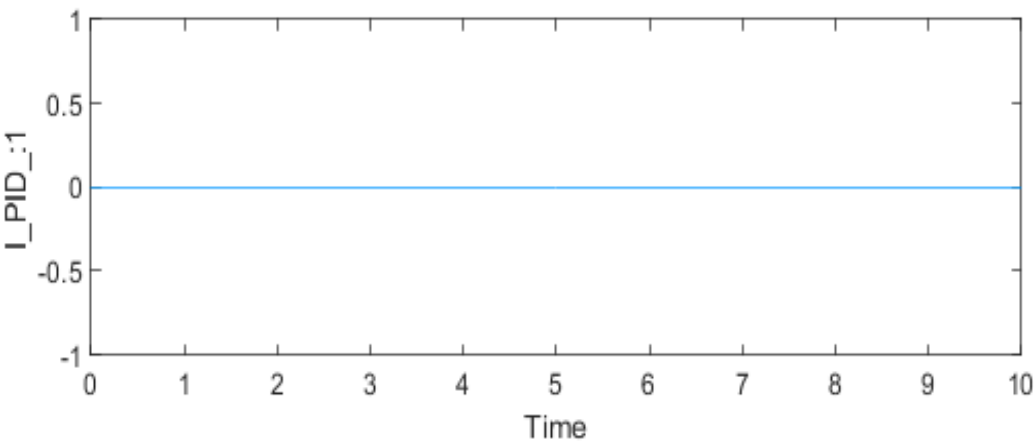
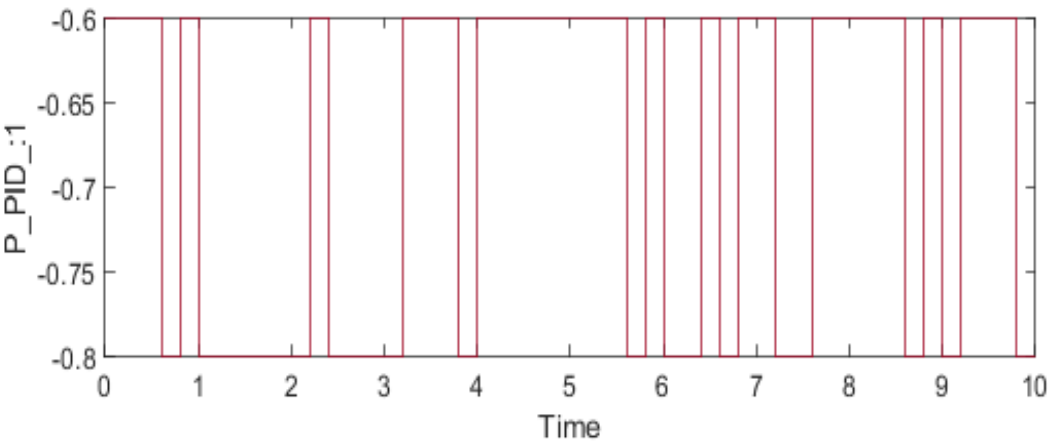
External Input File: D:\Dati\Università\MAGISTRALE\SecondYear\Compliance Design\Test_chart_rev2.mat
 Start Time: 0
 Stop Time: 10
 Checksum: 1456861433 2275620323 167934463 2400911844
 Simulink Version: 10.0
 Model Version: 1.15
 Model Author: Leo
 Date: Tue Apr 06 11:54:27 2021
 User ID: Leo
 Model Path: D:\Dati\Università\MAGISTRALE\SecondYear\Compliance Design\Project\Bozza_longitudinal_rev2_19b.slx

 Machine Name: PC-LEO
 Solver Name: VariableStepDiscrete
 Solver Type: Variable-Step
 Max Step Size: 0.20000000000000001
 Simulation Start Time: 2021-04-06 12:22:53
 Simulation Stop Time: 2021-04-06 12:22:55
 Platform: PCWIN64

Simulation Output

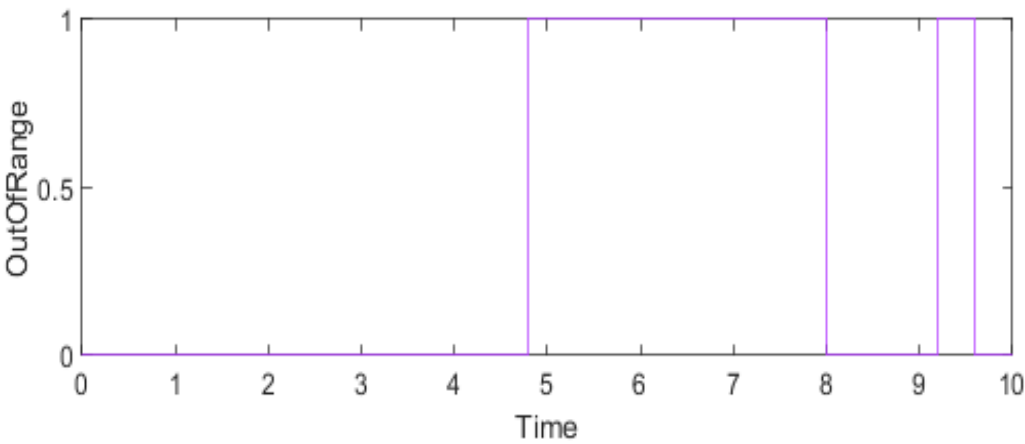
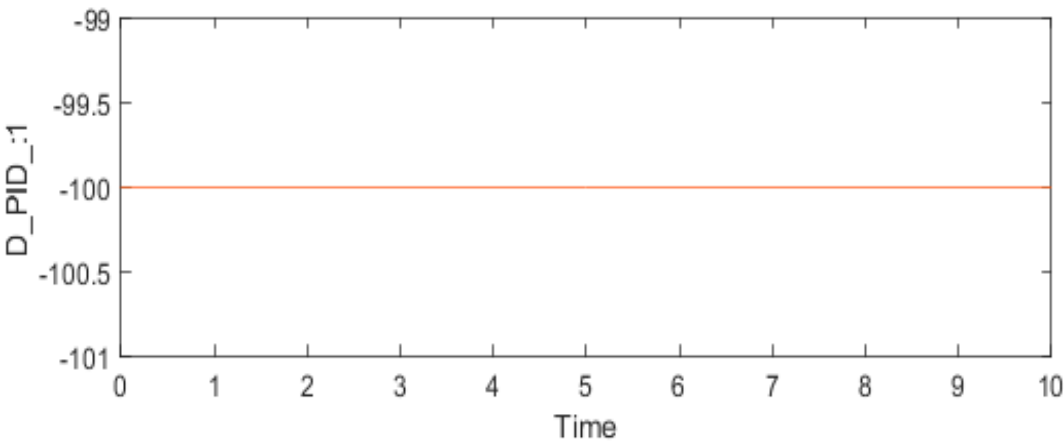
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
P_PID_1	double		Continuous	zoh	union	Link
I_PID_1	double		Continuous	zoh	union	Link
D_PID_1	double		Continuous	zoh	union	Link
OutOfRange	double		Continuous	zoh	union	Link
P_PID	double		Continuous	zoh	union	Link
I_PID	double		Continuous	zoh	union	Link
D_PID	double		Continuous	zoh	union	Link
OutOfRange	double		Continuous	zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
P_PID_:1	double		Continuous	zoh	union
I_PID_:1	double		Continuous	zoh	union



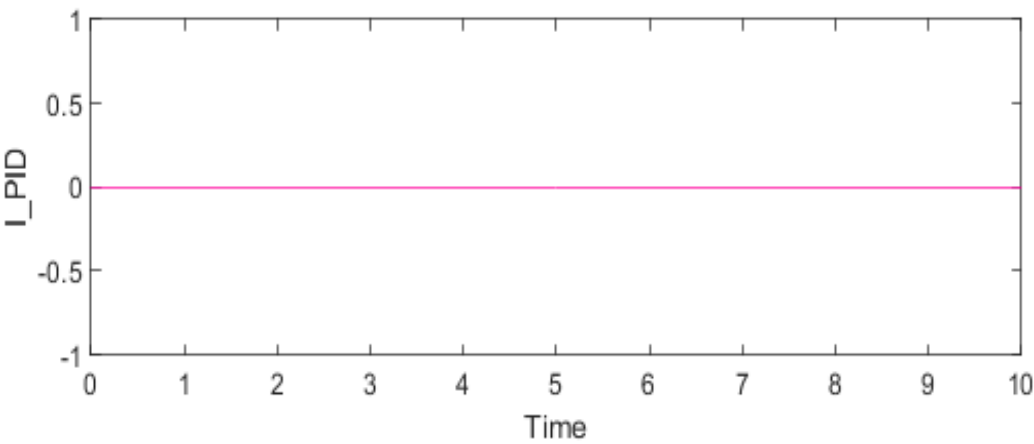
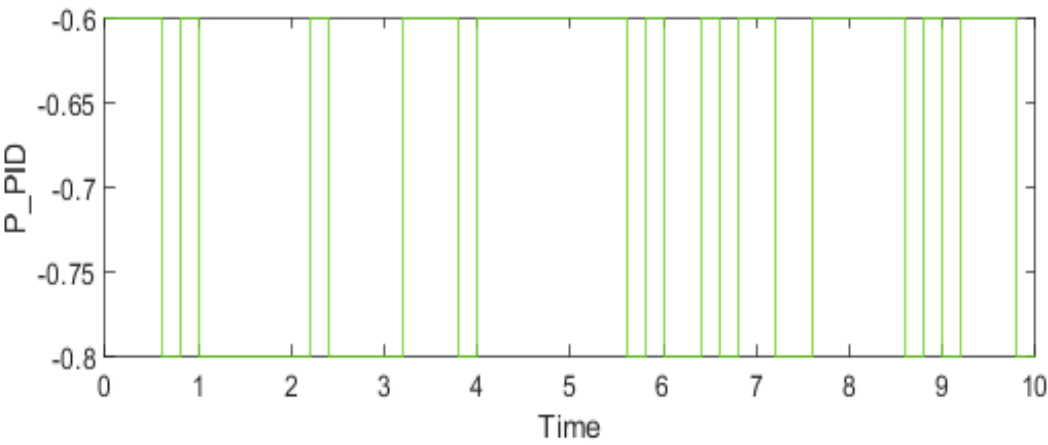
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Name	Data Type	Units	Sample Time	Interp	Sync
D_PID_:1	double		Continuous	zoh	union
OutOfRange	double		Continuous	zoh	union



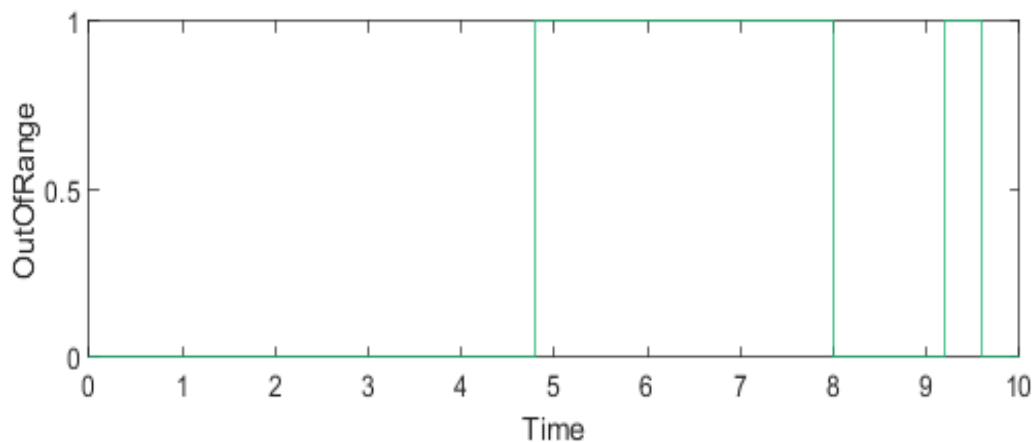
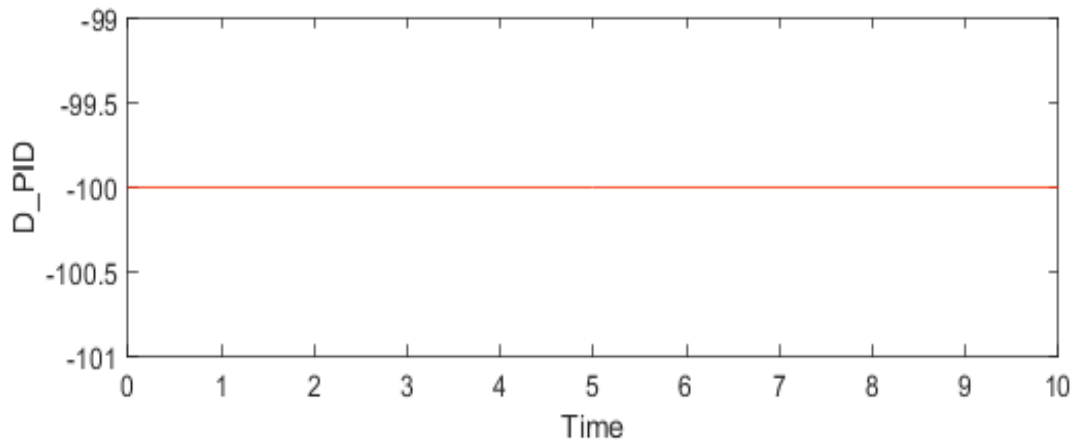
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Name	Data Type	Units	Sample Time	Interp	Sync
P_PID	double		Continuous	zoh	union
I_PID	double		Continuous	zoh	union



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Name	Data Type	Units	Sample Time	Interp	Sync
D_PID	double		Continuous	zoh	union
OutOfRange	double		Continuous	zoh	union



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Test Logs:

Some of the signals specified in baseline criteria were not found in the file located at 'D:\Dati\Università\MAGISTRALE\SecondYear\Compliance Design\Baseline_FSM_Testing_rev2.mat':

Name: P_PID **Data Source:** data.getElement(5).Values.Data

Name: I_PID **Data Source:** data.getElement(6).Values.Data

Name: D_PID **Data Source:** data.getElement(7).Values.Data

Name: OutOfRange **Data Source:** data.getElement(8).Values.Data

You may have updated the baseline file with new set of signals. Try to add the baseline file again to the test to get the updated signal list.

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