Report Generated by Test Manager

Title: **TestHarness_result5**
Author: **Pankaj Vazirani**
Date: **29-Oct-2020 18:30:55**

Test Environment

Platform: PCWIN64
MATLAB: (R2020a)

Summary

Name	Outcome	Duration (Seconds)
[Results: 2020-Oct-29 18:27:21](#)	✅	3.486
📄 [Diagnostics_Harness5](#)	✅	3.486

Results: 2020-Oct-29 18:27:21

Result Type:	Result Set
Parent:	None
Start Time:	29-Oct-2020 18:27:24
End Time:	29-Oct-2020 18:27:27
Outcome:	Total: 1, Passed: 1

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Diagnostics_Harness5

Test Result Information

Result Type:	Test Case Result
Parent:	Results: 2020-Oct-29 18:27:21
Start Time:	29-Oct-2020 18:27:24
End Time:	29-Oct-2020 18:27:27
Outcome:	Passed
Description:	

Verify that Low efficiency fault is set correctly when actual eff is below modelled efficiency.

Test Case Information

Name:	Diagnostics_Harness5
Type:	Simulation Test

Verify Result

Name	Link to Plot
✅ Test Assessment Block/.../LowFaultActive:verify(Output==1)	Link
✅ Test Assessment Block/.../NoFault:verify(Output==0)	Link

Name
✅ Test Assessment Block/.../LowFaultActive:verify(Output==1)
✅ Test Assessment Block/.../NoFault:verify(Output==0)
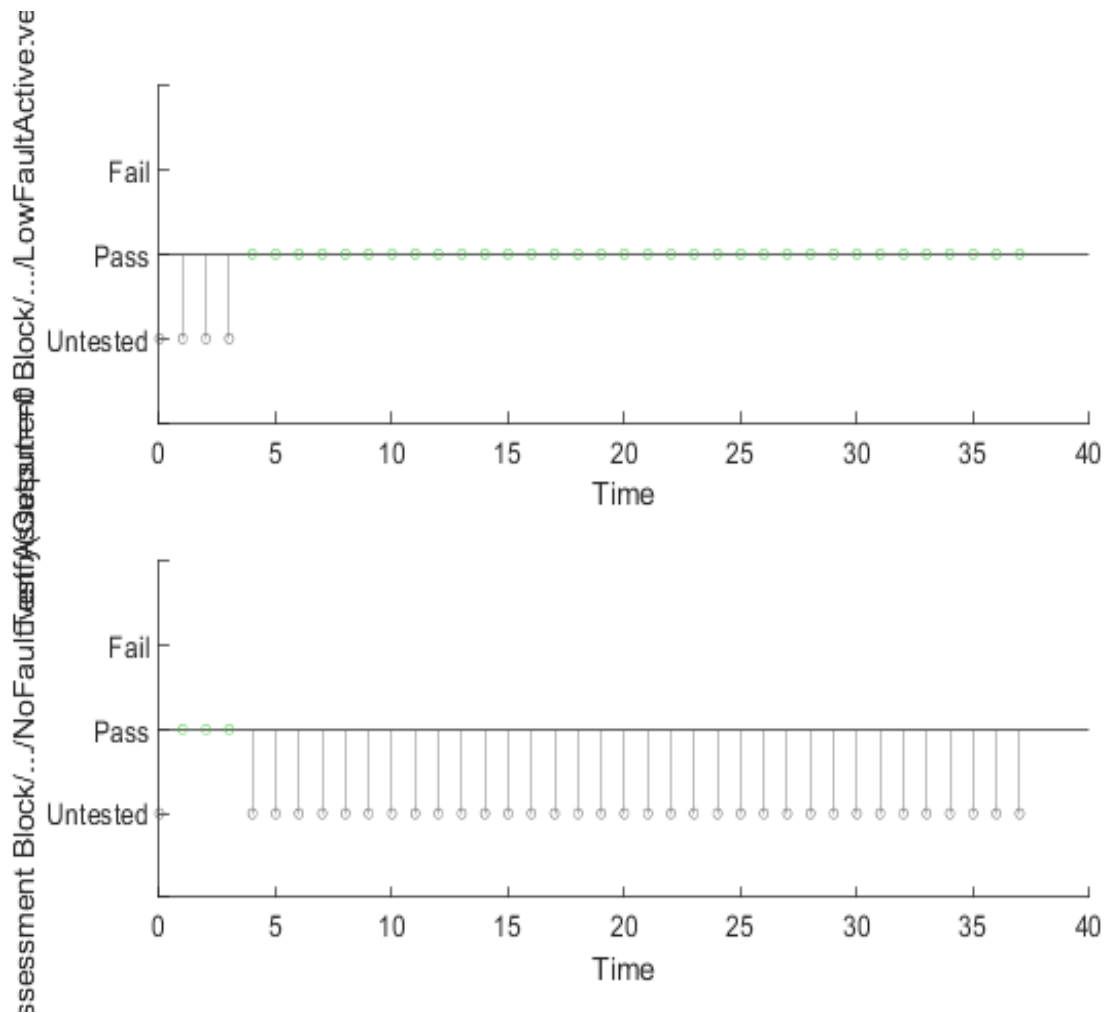
Simulation

System Under Test Information

Model:	Diagnostics
Harness:	Diagnostics_Harness5
Harness Owner:	Diagnostics
Simulation Mode:	normal
Override SIL or PIL Mode:	0
Configuration Set:	Configuration3
External Input Name:	Sheet1 (1)

External Input File: C:\Intland\repo\git\Git_trial_mcruz2\TestInput_harness5.xlsx

Start Time: 0
Stop Time: 37
Checksum: 233784518 174504706 1135637572 2897375980

Simulation Output

Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
CSTUeffLow	boolean		1	zoh	union	[Link](#)
CSTUcalcEff	double		1	zoh	union	[Link](#)
CSTUmdlEff	double		1	zoh	union	[Link](#)
CSTUcalcEff	double		1	linear	union	[Link](#)
EngSpeed	double		1	linear	union	[Link](#)
EngineLoad	double		1	linear	union	[Link](#)
NoFaultCheck	double		1	zoh	union	[Link](#)
LowFaultCheck	double		1	zoh	union	[Link](#)

Name	Data Type	Units	Sample Time	Interp	Sync
CSTUeffLow	boolean		1	zoh	union
CSTUcalcEff	double		1	zoh	union
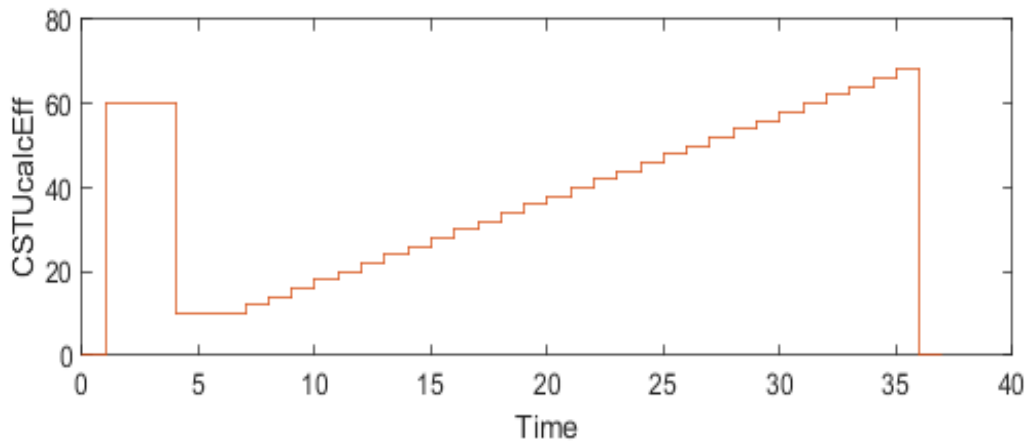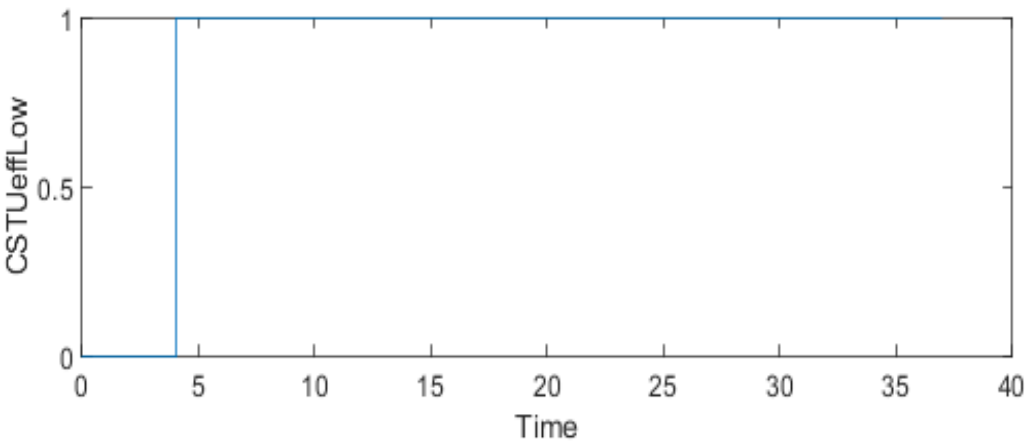
Name	Data Type	Units	Sample Time	Interp	Sync
CSTUmdlEff	double		1	zoh	union
CSTUcalcEff	double		1	linear	union
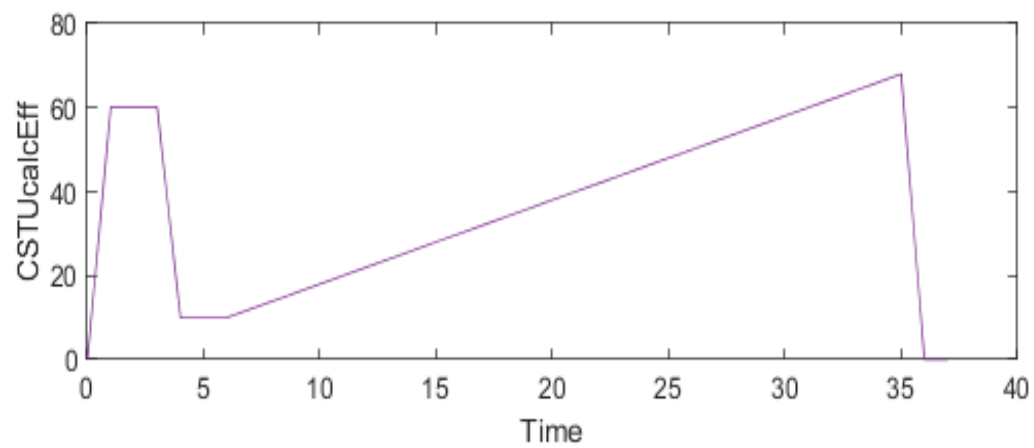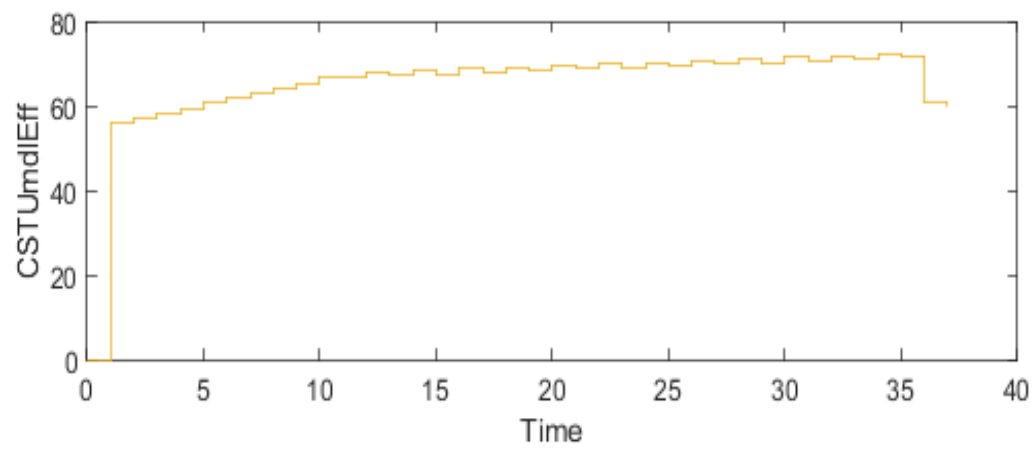
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Name	Data Type	Units	Sample Time	Interp	Sync
EngSpeed	double		1	linear	union
EngineLoad	double		1	linear	union
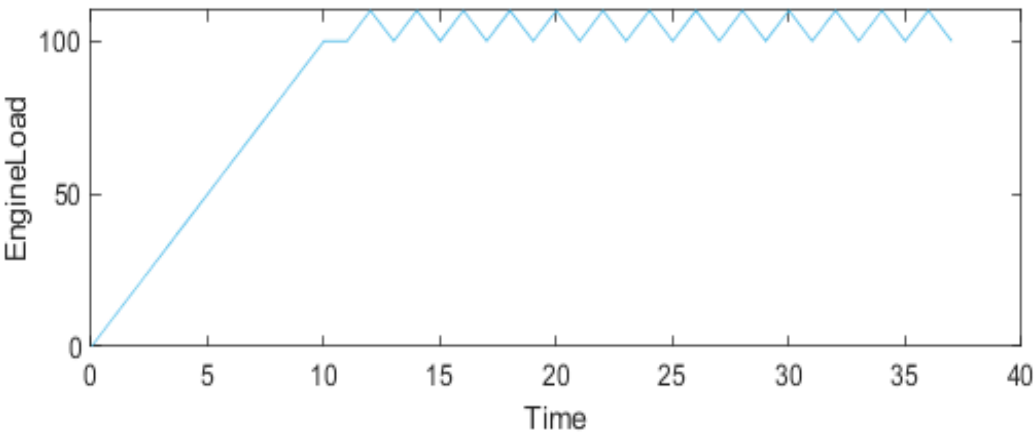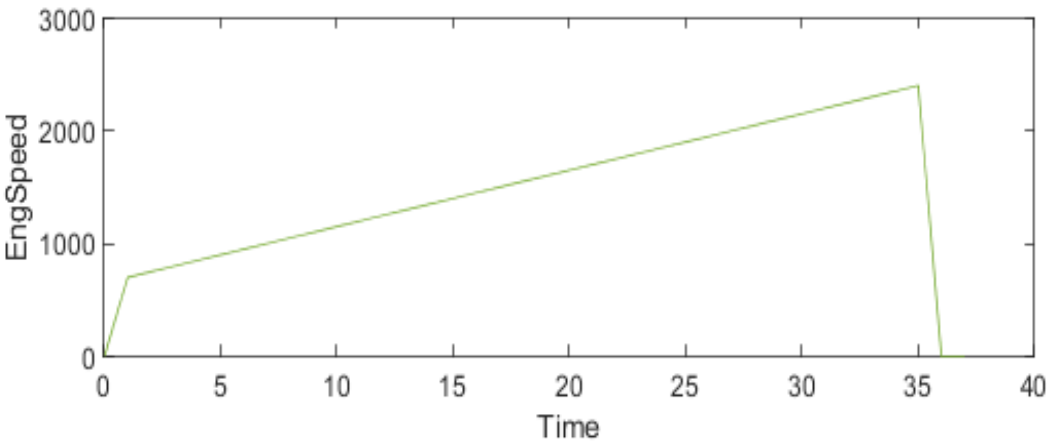
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Name	Data Type	Units	Sample Time	Interp	Sync
NoFaultCheck	double		1	zoh	union
LowFaultCheck	double		1	zoh	union

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