

# Report Generated by Test Manager

**Title:** Branch: 14-updateReadme-optimWIP  
**Author:** Previous Commit Hash: ca73e3b5900dda  
d59ca537c8e8c9f456d5dae3f7  
**Date:** 04-Nov-2025 21:07:16

## Test Environment

Platform: PCWIN64  
MATLAB: (R2024a)

## Summary - failed test results only

Name

Outcome

Duration  
(Seconds)

[Results: 2025-Nov-04 21:06:49](#)

8  4 

22.35

 [hexarotor](#)

2  3 

8.924

 [Vehicle Tests](#)

2  3 

8.924

 [hexAddFM](#)



0.901

 [hexGroundContact](#)



0.794

 [hexMotorModel](#)



0.745

 [sensors](#)

3  1 

5.463

 [Sensor Tests](#)

3  1 

5.462

 [sensors](#)



1.295

 [Iteration1](#)



1.295

## Results: 2025-Nov-04 21:06:49

Result Type: Result Set  
Parent: None  
Start Time: 04-Nov-2025 21:06:53  
End Time: 04-Nov-2025 21:07:15  
Outcome: Total: 12, Passed: 8, Failed: 4

[Back to Report Summary](#)

## hexarotor

### Test Result Information

Result Type: Test File Result  
Parent: [Results: 2025-Nov-04 21:06:49](#)  
Start Time: 04-Nov-2025 21:06:53  
End Time: 04-Nov-2025 21:07:02  
Outcome: Total: 5, Passed: 2, Failed: 3

### Test Suite Information

Name: hexarotor

[Back to Report Summary](#)

## Vehicle Tests

### Test Result Information

Result Type: Test Suite Result  
Parent: [hexarotor](#)  
Start Time: 04-Nov-2025 21:06:53  
End Time: 04-Nov-2025 21:07:02  
Outcome: Total: 5, Passed: 2, Failed: 3

### Test Suite Information

Name: Vehicle Tests

[Back to Report Summary](#)

## hexAddFM

### Test Result Information

Result Type: Test Case Result  
Parent: [Vehicle Tests](#)  
Start Time: 04-Nov-2025 21:06:57  
End Time: 04-Nov-2025 21:06:58  
Outcome: **Failed**  
Cause of Failure: **Errors running test case**

### Test Case Information

Name: hexAddFM  
Type: Baseline Test

### Simulation

#### System Under Test Information

Model: hexAddFm  
Harness: hexAddFmTestHarness  
Harness Owner: hexAddFm  
Release: Current  
Simulation Mode: normal  
Override SIL or PIL Mode: 0  
Configuration Set: standardSILConfiguration  
Test Sequence Block: hexAddFmTestHarness/Test Sequence1  
Test Sequence Scenario: Scenario\_1  
Start Time: 0  
Stop Time: 0

#### Simulation Logs:

No data is logged for the model 'hexAddFmTestHarness'.

#### Simulation Error:

An error occurred ('Simulink:Bus:SigHierPropSrcDstMismatchNonBusSrc') when calling 'sim':

'[Input Port 1](#)' of '[hexAddFmTestHarness/Test Sequence1](#)' expects a bus but receives a nonbus signal from '[Output Port 1](#)' of '[hexAddFmTestHarness/From 1](#)'.

[Back to Report Summary](#)

Test Logs:

No baseline criteria evaluation performed as no baseline data is available for this test.

[Back to Report Summary](#)

## hexGroundContact

### Test Result Information

Result Type:	Test Case Result
Parent:	<a href="#">Vehicle Tests</a>
Start Time:	04-Nov-2025 21:06:58
End Time:	04-Nov-2025 21:06:59
Outcome:	<b>Failed</b>
Cause of Failure:	<b>Errors running test case</b>

### Test Case Information

Name:	hexGroundContact
Type:	Baseline Test

## Simulation

### System Under Test Information

Model:	hexGroundContact
Harness:	hexGroundContactTestHarness
Harness Owner:	hexGroundContact
Release:	Current
Simulation Mode:	normal
Override SIL or PIL Mode:	0
Configuration Set:	standardSILConfiguration
Test Sequence Block:	hexGroundContactTestHarness/Test Sequence
Test Sequence Scenario:	Scenario_1
Start Time:	0
Stop Time:	0

### Simulation Logs:

No data is logged for the model 'hexGroundContactTestHarness'.

### Simulation Error:

An error occurred ('Simulink:Bus:SigHierPropSrcDstMismatchNonBusSrc') when calling 'sim':

'[Input Port 2](#)' of '[hexGroundContactTestHarness/Test Sequence](#)' expects a bus but receives a nonbus signal from '[Output Port 1](#)' of '[hexGroundContactTestHarness/From 2](#)'.

[Back to Report Summary](#)

### Test Logs:

No baseline criteria evaluation performed as no baseline data is available for this test.

[Back to Report Summary](#)

## hexMotorModel

### Test Result Information

Result Type: Test Case Result  
Parent: [Vehicle Tests](#)  
Start Time: 04-Nov-2025 21:06:59  
End Time: 04-Nov-2025 21:07:00  
Outcome: **Failed**  
Cause of Failure: **Errors running test case**

### Test Case Information

Name: hexMotorModel  
Type: Baseline Test

### Simulation

#### System Under Test Information

Model: hexMotorModel  
Harness: hexMotorModelTestHarness  
Harness Owner: hexMotorModel  
Release: Current  
Simulation Mode: normal  
Override SIL or PIL Mode: 0  
Configuration Set: standardSILConfiguration  
Test Sequence Block: hexMotorModelTestHarness/Test Sequence1  
Test Sequence Scenario: Hexarotor  
Start Time: 0  
Stop Time: 0

#### Simulation Logs:

No data is logged for the model 'hexMotorModelTestHarness'.

### Simulation Error:

An error occurred ('Simulink:Bus:SigHierPropSrcDstMismatchNonBusSrc') when calling 'sim':

'[Input Port 1](#)' of '[hexMotorModelTestHarness/Test Sequence1](#)' expects a bus but receives a nonbus signal from '[Output Port 1](#)' of '[hexMotorModelTestHarness/From 1](#)'.

[Back to Report Summary](#)

### Test Logs:

No baseline criteria evaluation performed as no baseline data is available for this test.

[Back to Report Summary](#)

## sensors

### Test Result Information

Result Type:	Test File Result
Parent:	<a href="#">Results: 2025-Nov-04 21:06:49</a>
Start Time:	04-Nov-2025 21:07:02
End Time:	04-Nov-2025 21:07:07
Outcome:	Total: 4, <b>Passed: 3</b> , <b>Failed: 1</b>

### Test Suite Information

Name: sensors

[Back to Report Summary](#)



## Sensor Tests

### Test Result Information

Result Type: Test Suite Result  
Parent: [sensors](#)  
Start Time: 04-Nov-2025 21:07:02  
End Time: 04-Nov-2025 21:07:07  
Outcome: Total: 4, Passed: 3, Failed: 1

### Test Suite Information

Name: Sensor Tests

[Back to Report Summary](#)

## sensors

### Test Result Information

Result Type: Test Case Result  
Parent: [Sensor Tests](#)  
Start Time: 04-Nov-2025 21:07:06  
End Time: 04-Nov-2025 21:07:07  
Outcome: Failed  
Cause of Failure: Test failed as iteration failed

### Test Case Information

Name: sensors  
Type: Baseline Test

## Iteration1

### Test Result Information

Result Type: Test Iteration Result  
Parent: [sensors](#)

Start Time: 04-Nov-2025 21:07:06  
End Time: 04-Nov-2025 21:07:07  
Outcome: **Failed**  
Cause of Failure: **Errors running test case**

### Test Case Information

Name: Iteration1  
Type: Baseline Test

### Iteration Settings

#### Test Overrides

Parameter Name	Value
TestSequenceScenario	Scenario_1

### Simulation

#### System Under Test Information

Model: sensors  
Harness: sensorsTestHarness  
Harness Owner: sensors  
Release: Current  
Simulation Mode: normal  
Override SIL or PIL Mode: 0  
Configuration Set: standardSILConfiguration  
Test Sequence Block: sensorsTestHarness/Test Sequence  
Test Sequence Scenario: Scenario\_1  
Start Time: 0  
Stop Time: 0

Simulation Logs:  
No data is logged for the model 'sensorsTestHarness'.

**Simulation Error:**

An error occurred ('Simulink:blocks:BlockConfiguredToExpectBus') when calling 'sim':

The Signal Conversion block '[sensorsTestHarness/Input Conversion Subsystem/SigConv\\_4](#)' cannot operate on a non-bus signal when it has been configured to expect a bus signal. Either create a bus signal by using a Bus Creator block or other bus capable block upstream, or set the Output parameter of the block to 'Signal copy' for non-bus signals.

[Back to Report Summary](#)

Test Logs:

No baseline criteria evaluation performed as no baseline data is available for this test.

[Back to Report Summary](#)