










Report Generated by Test Manager

Title: AHRS_Voter TEST REPORT
Author: Process Advisor
Date: 05-Jul-2023 14:00:11

Test Environment

Platform: GLNXA64
MATLAB: (R2023b)


Summary

Name	Outcome	Duration (Seconds)
Results: 2023-Jul-05 11:57:24	✓	63.056
 AHRS Voter REQ Based Test	✓	58.804
 REQ-Based Test	✓	58.804
 HLR 11	✓	58.805
Results: 2023-Jul-05 12:00:00	✓	13.023
 AHRS Voter REQ Based Test	✓	12.281
 REQ-Based Test	✓	12.282
 HLR 12	✓	12.282
Results: 2023-Jul-05 12:00:23	✓	10.97
 AHRS Voter REQ Based Test	✓	10.161
 REQ-Based Test	✓	10.161
 HLR 13	✓	10.161

Results: 2023-Jul-05 11:57:24

Result Type: Result Set
Parent: None
Start Time: 05-Jul-2023 11:58:42
End Time: 05-Jul-2023 11:59:45
Outcome: Total: 1, **Passed: 1**

Aggregated Coverage Results

Analyzed Model	Sim Mode	Complexity	Decision	Execution	Relational Boundary
 AHRS Voter	Normal	15	74%	55%	42%

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AHRS_Voter_REQ_Based_Test

Test Result Information

Result Type: Test File Result
Parent: [Results: 2023-Jul-05 11:57:24](#)
Start Time: 05-Jul-2023 11:58:42
End Time: 05-Jul-2023 11:59:41
Outcome: Total: 1, **Passed: 1**

Test Suite Information

Name: AHRS_Voter_REQ_Based_Test

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REQ-Based Test

Test Result Information

Result Type: Test Suite Result
Parent: [AHRS_Voter_REQ_Based_Test](#)
Start Time: 05-Jul-2023 11:58:42
End Time: 05-Jul-2023 11:59:41
Outcome: Total: 1, **Passed: 1**

Test Suite Information

Name: REQ-Based Test

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HLR_11

Test Result Information

Result Type: Test Case Result
Parent: [REQ-Based Test](#)
Start Time: 05-Jul-2023 11:58:42
End Time: 05-Jul-2023 11:59:41
Outcome: Passed
Description:

Simulation test for HLR_11 AHRS Voting for Triple Sensors.

Test Case Information

Name: HLR_11
Type: Simulation Test

Test Case Requirements

Description: HLR_11 AHRS Voting for Triple Sensors
Document: HighLevelReqs.slreqx

Simulation

System Under Test Information

Model: AHRS_Voter
Harness: AHRS_Voter_Harness_HLR_11
Harness Owner: AHRS_Voter
Release: Current
Simulation Mode: normal
Override SIL or PIL Mode: 0
Configuration Set: csSingleInstance
Start Time: 0
Stop Time: 10


Checksum:

3750168287 1475602998 1169616262 828037929

Results: 2023-Jul-05 12:00:00

Result Type: Result Set
Parent: None
Start Time: 05-Jul-2023 12:00:05
End Time: 05-Jul-2023 12:00:18
Outcome: Total: 1, **Passed: 1**

Aggregated Coverage Results

Analyzed Model	Sim Mode	Complexity	Decision	Execution	Relational Boundary
 AHRS_Voter	Normal	15	46%	77%	40%

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AHRS_Voter_REQ_Based_Test

Test Result Information

Result Type: Test File Result
Parent: [Results: 2023-Jul-05 12:00:00](#)
Start Time: 05-Jul-2023 12:00:05
End Time: 05-Jul-2023 12:00:17
Outcome: Total: 1, **Passed: 1**

Test Suite Information

Name: AHRS_Voter_REQ_Based_Test

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REQ-Based Test

Test Result Information

Result Type: Test Suite Result
Parent: [AHRS_Voter_REQ_Based_Test](#)
Start Time: 05-Jul-2023 12:00:05

End Time: 05-Jul-2023 12:00:17
Outcome: Total: 1, Passed: 1

Test Suite Information

Name: REQ-Based Test

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HLR_12

Test Result Information

Result Type: Test Case Result
Parent: [REQ-Based Test](#)
Start Time: 05-Jul-2023 12:00:05
End Time: 05-Jul-2023 12:00:17
Outcome: Passed
Description:

Simulation test for HLR_12 AHRS Voting for Dual Sensors.

Test Case Information

Name: HLR_12
Type: Simulation Test

Test Case Requirements

Description: HLR_12 AHRS Voting for Dual Sensors
Document: HighLevelReqs.slreqx

Simulation

System Under Test Information


Model: AHRS_Voter
Harness: AHRS_Voter_Harness_HLR_12
Harness Owner: AHRS_Voter
Release: Current
Simulation Mode: normal

Override SIL or PIL Mode: 0
Configuration Set: csSingleInstance
Start Time: 0
Stop Time: 10
Checksum: 2229034738 1661547344 3386550650 4125668876

Results: 2023-Jul-05 12:00:23

Result Type: Result Set
Parent: None
Start Time: 05-Jul-2023 12:00:27
End Time: 05-Jul-2023 12:00:38
Outcome: Total: 1, **Passed: 1**

Aggregated Coverage Results

Analyzed Model	Sim Mode	Complexity	Decision	Execution	Relational Boundary
 AHRS Voter	Normal	15	46%	73%	40%

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AHRS_Voter_REQ_Based_Test

Test Result Information

Result Type: Test File Result
Parent: [Results: 2023-Jul-05 12:00:23](#)
Start Time: 05-Jul-2023 12:00:27
End Time: 05-Jul-2023 12:00:37
Outcome: Total: 1, **Passed: 1**

Test Suite Information

Name: AHRS_Voter_REQ_Based_Test
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REQ-Based Test

Test Result Information

Result Type: Test Suite Result
Parent: [AHRS Voter REQ Based Test](#)
Start Time: 05-Jul-2023 12:00:27
End Time: 05-Jul-2023 12:00:37
Outcome: Total: 1, **Passed: 1**

Test Suite Information

Name: REQ-Based Test
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HLR_13

Test Result Information

Result Type: Test Case Result
Parent: [REQ-Based Test](#)
Start Time: 05-Jul-2023 12:00:27
End Time: 05-Jul-2023 12:00:37
Outcome: **Passed**
Description:

Simulation test for HLR_13 AHRS Usage of Single Sensor.

Test Case Information

Name: HLR_13
Type: Simulation Test

Test Case Requirements

Description: HLR_13 AHRS Usage of Single Sensor
Document: HighLevelReqs.slreqx

Simulation

System Under Test Information

Model: AHRS_Voter

Harness:	AHRS_Voter_Harness_HLR_13
Harness Owner:	AHRS_Voter
Release:	Current
Simulation Mode:	normal
Override SIL or PIL Mode:	0
Configuration Set:	csSingleInstance
Start Time:	0
Stop Time:	10
Checksum:	3832348994 3812385017 2213442165 2237809249