

Model Testing Report

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1. AHRS_Voter

1.1. Artifact Summary

Artifact Group	Artifact Type	Number of Artifacts
Design	Block diagram	1
	Data dictionary file	3
	Model file	1
Functional Requirements		
Test Results		
Tests	Harness block diagram	3
	Test harness file	3
	Simulink Test case	3
	Simulink Test file	1
	Simulink Test suite	1

1.2. Test Analysis

1.2.1. Requirements Linked to Tests

0 out of 0 unit requirements with links to tests

0 unit requirements missing linked tests

1.2.1.1. Tests per Requirement

Tests	0	1	2	3	>3
Requirements	0	0	0	0	0

1.2.2. Tests Linked to Requirements

0 out of 3 unit tests with links to requirements

3 unit tests missing linked requirements

1.2.2.1. Requirements per Test

Requirements	0	1	2	3	>3
Tests	3	0	0	0	0

1.2.3. Test Breakdown

3 tests evaluating the component in the same execution context

0 tests evaluating the component in a different execution context

Tests Cases by Type

Type	Test Cases
Simulation	3
Equivalence	0
Baseline	0

Tests Cases with Tag

Tag	Test Cases
-	3

1.3. Simulation Test Result Analysis

1.3.1. Model Test Status

0 out of 3 unit tests passed

0 unit tests failed

0 unit tests without pass/fail criteria

3 unit tests untested

0 unit tests disabled

1.3.2. Model Coverage

1.3.2.1. Aggregated Coverage

	Achieved	Justified	Missed
Execution	No data	No data	No data
Decision	No data	No data	No data
Condition	No data	No data	No data
MC/DC	No data	No data	No data
Int. Overflow	No data	No data	No data

1.3.3. Achieved Coverage Ratio

1.3.3.1. *Requirements-Based Tests*

1.3.3.1.1. Execution

- of overall achieved Execution coverage comes from requirements-based tests

1.3.3.1.2. Decision

- of overall achieved Decision coverage comes from requirements-based tests

1.3.3.1.3. Condition

- of overall achieved Condition coverage comes from requirements-based tests

1.3.3.1.4. MC/DC

- of overall achieved MC/DC coverage comes from requirements-based tests

1.3.3.2. *Unit-Boundary Tests*

1.3.3.2.1. Execution

- of overall achieved Execution coverage comes from unit-boundary tests

1.3.3.2.2. Decision

- of overall achieved Decision coverage comes from unit-boundary tests

1.3.3.2.3. Condition

- of overall achieved Condition coverage comes from unit-boundary tests

1.3.3.2.4. MC/DC

- of overall achieved MC/DC coverage comes from unit-boundary tests