














# Report Generated by Test Manager

**Title:** Robot Test & Coverage Report  
**Author:** Rhythm  
**Date:** 31-Jan-2026 20:59:24

## Test Environment

Platform: PCWIN64  
MATLAB: (R2025b)

## Summary

Name	Outcome	Duration (Seconds)
<a href="#">Results: 2026-Jan-31 20:52:19</a>	4 	8.63
 <a href="#">Robot Tests</a>	4 	8.322
 <a href="#">New Test Suite 1</a>	4 	8.323
 <a href="#">Test Front Obstacle</a>		2.497
 <a href="#">Test Left Obstacle</a>		1.745
 <a href="#">Test All Blocked</a>		1.809
 <a href="#">Test E Stop</a>		1.874

## Results: 2026-Jan-31 20:52:19

Result Type: Result Set  
Parent: None  
Start Time: 31-Jan-2026 20:52:20  
End Time: 31-Jan-2026 20:52:29  
Outcome: Total: 4, Passed: 4

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## Robot\_Tests

### Test Result Information

Result Type: Test File Result  
Parent: [Results: 2026-Jan-31 20:52:19](#)  
Start Time: 31-Jan-2026 20:52:20  
End Time: 31-Jan-2026 20:52:29  
Outcome: Total: 4, Passed: 4

### Test Suite Information

Name: Robot\_Tests

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## New Test Suite 1

### Test Result Information

Result Type: Test Suite Result  
Parent: [Robot\\_Tests](#)  
Start Time: 31-Jan-2026 20:52:20  
End Time: 31-Jan-2026 20:52:29  
Outcome: Total: 4, Passed: 4

### Test Suite Information

Name: New Test Suite 1

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## Test\_Front\_Obstac

### Test Result Information

Result Type: Test Case Result  
Parent: [New Test Suite 1](#)  
Start Time: 31-Jan-2026 20:52:20  
End Time: 31-Jan-2026 20:52:23  
Outcome: **Passed**

### Test Case Information

Name: Test\_Front\_Obstac  
Type: Baseline Test

### Simulation

#### System Under Test Information

Model: Robot\_Controller  
Release: Current  
Simulation Mode: normal  
Override SIL or PIL Mode: 0  
Configuration Set: Configuration  
Start Time: 0  
Stop Time: 10  
Checksum: 685801299 269578351 1615301588 4228323742  
Simulink Version: 25.2  
Model Version: 1.14  
Model Author: Rhythm  
Date: Sat Jan 31 20:38:45 2026  
User ID: Rhythm  
Model Path: C:\Users\Rhythm\OneDrive -  
pdpu.ac.in\Documents\MATLAB\Unbox\_Assignme  
nt\Unbox\_Assignment\Robot\_Controller.slx  
  
Machine Name: RHYTHM  
Solver Name: ode3  
Solver Type: Fixed-Step  
Fixed Step Size: 0.20000000000000001  
Simulation Start Time: 2026-01-31 20:52:21  
Simulation Stop Time: 2026-01-31 20:52:22

Platform: PCWIN64

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

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## Test\_Left\_Obstacle

### Test Result Information

Result Type: Test Case Result  
Parent: [New Test Suite 1](#)  
Start Time: 31-Jan-2026 20:52:23  
End Time: 31-Jan-2026 20:52:25  
Outcome: Passed

### Test Case Information

Name: Test\_Left\_Obstacle  
Type: Baseline Test

### Simulation

#### System Under Test Information

Model: Robot\_Controller  
Release: Current  
Simulation Mode: normal  
Override SIL or PIL Mode: 0  
Configuration Set: Configuration  
Start Time: 0  
Stop Time: 10  
Checksum: 685801299 269578351 1615301588 4228323742  
Simulink Version: 25.2

Model Version:	1.14
Model Author:	Rhythm
Date:	Sat Jan 31 20:38:45 2026
User ID:	Rhythm
Model Path:	C:\Users\Rhythm\OneDrive - pdpu.ac.in\Documents\MATLAB\Unbox_Assignment\Unbox_Assignment\Robot_Controller.slx
Machine Name:	RHYTHM
Solver Name:	ode3
Solver Type:	Fixed-Step
Fixed Step Size:	0.20000000000000001
Simulation Start Time:	2026-01-31 20:52:23
Simulation Stop Time:	2026-01-31 20:52:24
Platform:	PCWIN64

#### Test Logs:

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

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## Test\_All\_Blocked

### Test Result Information

Result Type:	Test Case Result
Parent:	<a href="#">New Test Suite 1</a>
Start Time:	31-Jan-2026 20:52:25
End Time:	31-Jan-2026 20:52:27
Outcome:	Passed

### Test Case Information

Name:	Test_All_Blocked
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Type: Baseline Test

## Simulation

### System Under Test Information

Model:	Robot_Controller
Release:	Current
Simulation Mode:	normal
Override SIL or PIL Mode:	0
Configuration Set:	Configuration
Start Time:	0
Stop Time:	10
Checksum:	685801299 269578351 1615301588 4228323742
Simulink Version:	25.2
Model Version:	1.14
Model Author:	Rhythm
Date:	Sat Jan 31 20:38:45 2026
User ID:	Rhythm
Model Path:	C:\Users\Rhythm\OneDrive - pdpu.ac.in\Documents\MATLAB\Unbox_Assignme nt\Unbox_Assignment\Robot_Controller.slx
Machine Name:	RHYTHM
Solver Name:	ode3
Solver Type:	Fixed-Step
Fixed Step Size:	0.20000000000000001
Simulation Start Time:	2026-01-31 20:52:25
Simulation Stop Time:	2026-01-31 20:52:26
Platform:	PCWIN64

### Test Logs:

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

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## Test\_E\_Stop

### Test Result Information

Result Type: Test Case Result  
Parent: [New Test Suite 1](#)  
Start Time: 31-Jan-2026 20:52:27  
End Time: 31-Jan-2026 20:52:29  
Outcome: **Passed**

### Test Case Information

Name: Test\_E\_Stop  
Type: Baseline Test

### Simulation

#### System Under Test Information

Model: Robot\_Controller  
Release: Current  
Simulation Mode: normal  
Override SIL or PIL Mode: 0  
Configuration Set: Configuration  
Start Time: 0  
Stop Time: 10  
Checksum: 685801299 269578351 1615301588 4228323742  
Simulink Version: 25.2  
Model Version: 1.14  
Model Author: Rhythm  
Date: Sat Jan 31 20:38:45 2026  
User ID: Rhythm  
Model Path: C:\Users\Rhythm\OneDrive -  
pdpu.ac.in\Documents\MATLAB\Unbox\_Assignme  
nt\Unbox\_Assignment\Robot\_Controller.slx  
  
Machine Name: RHYTHM  
Solver Name: ode3  
Solver Type: Fixed-Step  
Fixed Step Size: 0.20000000000000001  
Simulation Start Time: 2026-01-31 20:52:27  
Simulation Stop Time: 2026-01-31 20:52:28



Platform:

PCWIN64

Test Logs:

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

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