Report Generated by Test Manager

Title: **AutoDRIVE RZR AEB Test Report**
Author: **Tanmay Samak and Chinmay Samak**
Date: **15-Nov-2024 22:42:14**

Test Environment

Platform: PCWIN64
MATLAB: (R2024b)

Summary

Name	Outcome	Duration (Seconds)
Tests	1 ✓ 3 ✗	1334.878
AEB	1 ✓ 3 ✗	1334.879
AEB	1 ✓ 3 ✗	1334.878
Iteration1	✓	223.486
Iteration4	✗	171.294
Iteration2	✗	111.07
Iteration3	✗	828.771

Tests

Test Result Information

Result Type:	Test File Result
Parent:	None
Start Time:	15-Nov-2024 22:19:56
End Time:	15-Nov-2024 22:42:11
Outcome:	Total: 4, Passed: 1, Failed: 3

Test Suite Information

Name:	Tests

Back to Report Summary

AEB

Test Result Information

Result Type:	Test Suite Result
Parent:	Tests
Start Time:	15-Nov-2024 22:19:56
End Time:	15-Nov-2024 22:42:11
Outcome:	Total: 4, Passed: 1, Failed: 3

Test Suite Information

Name:	AEB

Back to Report Summary

AEB

Test Result Information

Result Type:	Test Case Result
Parent:	AEB
Start Time:	15-Nov-2024 22:19:56
End Time:	15-Nov-2024 22:42:11

Outcome: Failed
Cause of Failure: Test failed as iteration failed

Test Case Information

Name: AEB
Type: Baseline Test

Iteration1

Test Result Information

Result Type: Test Iteration Result
Parent: AEB
Start Time: 15-Nov-2024 22:19:56
End Time: 15-Nov-2024 22:23:40
Outcome: Passed

Test Case Information

Name: Iteration1
Type: Baseline Test

Iteration Settings

Test Overrides

Parameter Name	Value
ParameterSet	Parameter Set 1
VariantConfiguration	VConfig1

Logical and Temporal Assessments

Name	Assessment
Collision Check	At any point of time, (collisionCount < uint16(1)) must be true **REQUIREMENTS** **Description:** Collision **Document:** Requirements.slreqx

Simulation

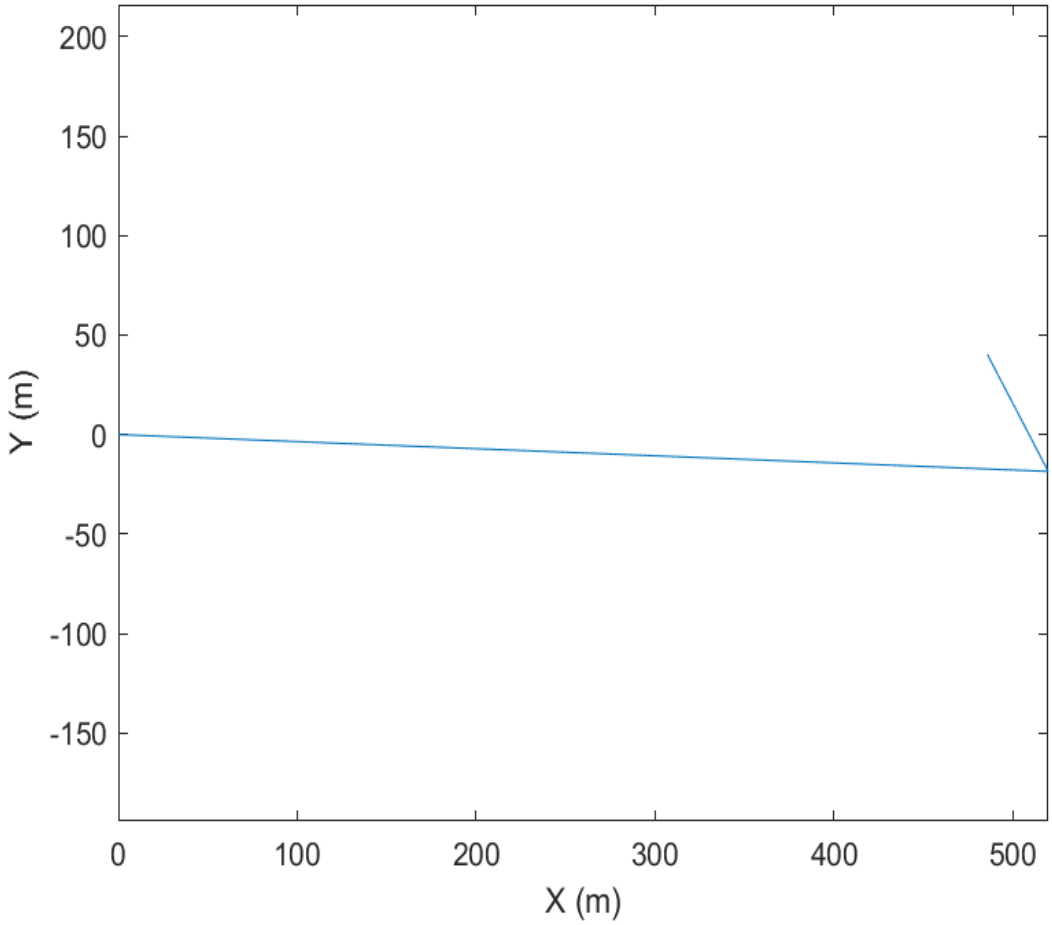
System Under Test Information

Model:	AutoDRIVE_RZR_AEB
Release:	Current
Simulation Mode:	normal
Override SIL or PIL Mode:	0
Configuration Set:	Configuration
Variant Configuration:	VConfig1
Start Time:	0
Stop Time:	60
Checksum:	3680710202 2172829172 2016448274 2277714308
Simulink Version:	24.2
Model Version:	1.66
Model Author:	tsamak
Date:	Fri Nov 15 22:18:59 2024
User ID:	tsamak
Model Path:	C:\Users\tsamak\Downloads\MathWorks RZR AEB - System Composer\AutoDRIVE_RZR_AEB.slx
Machine Name:	AUE-VKROVI-L11
Solver Name:	FixedStepDiscrete
Solver Type:	Fixed-Step
Fixed Step Size:	0.10000000000000001
Simulation Start Time:	2024-11-15 22:20:50
Simulation Stop Time:	2024-11-15 22:23:33
Platform:	PCWIN64

Parameter Overrides

Workspace Variable	Value	Source	Model Element
Parameter Set 1			
TimeOfDay	560	model workspace	Simulation/Time of Day
WeatherID	6	model workspace	Simulation/Weather ID

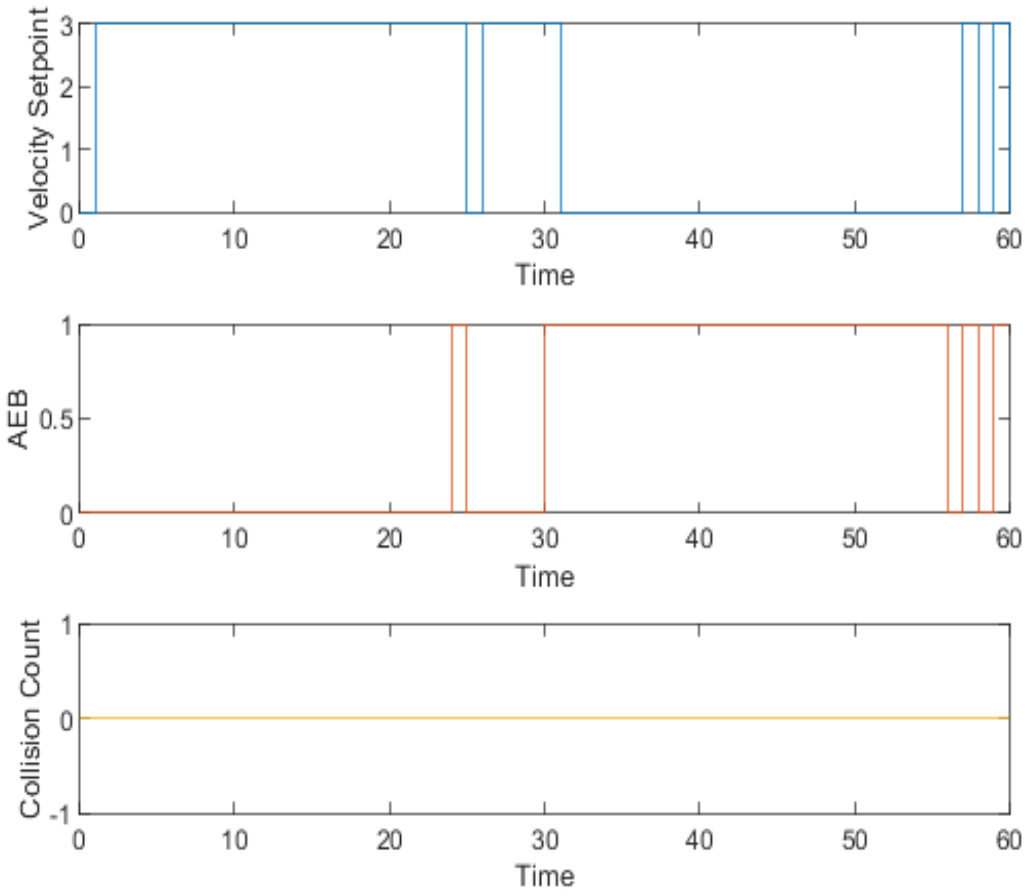
Simulation Callback Plots



Simulation Output

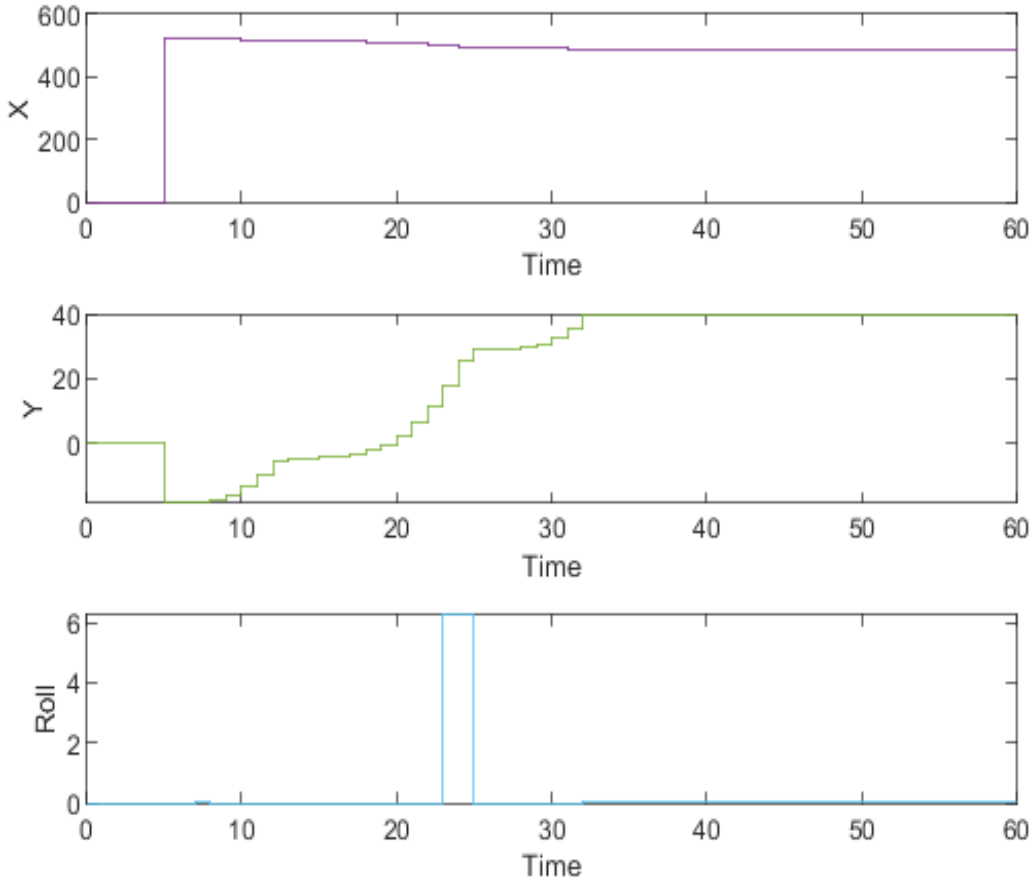
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
Velocity Setpoint	double		0.1	zoh	union	Link
AEB	double		1	zoh	union	Link
Collision Count	uint16		1	zoh	union	Link
X	double		1	zoh	union	Link
Y	double		1	zoh	union	Link
Roll	double		1	zoh	union	Link
Pitch	double		1	zoh	union	Link
Yaw	double		1	zoh	union	Link
Roll Rate	double		1	zoh	union	Link
Pitch Rate	double		1	zoh	union	Link
Yaw Rate	double		1	zoh	union	Link
Acc X	double		1	zoh	union	Link
Acc Y	double		1	zoh	union	Link
Acc Z	double		1	zoh	union	Link
Velocity	double		0.1	zoh	union	Link
Acceleration	double		0.1	zoh	union	Link
Jerk	double		0.1	zoh	union	Link
Throttle	double		0.1	zoh	union	Link
Steering	double		0.1	zoh	union	Link
Brake	double		0.1	zoh	union	Link
Handbrake	double		0.1	zoh	union	Link
Encoder Rate	sfix32_S10		0.1	zoh	union	Link
Bang-Bang	double		0.1	zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
Velocity Setpoint	double		0.1	zoh	union
AEB	double		1	zoh	union
Collision Count	uint16		1	zoh	union



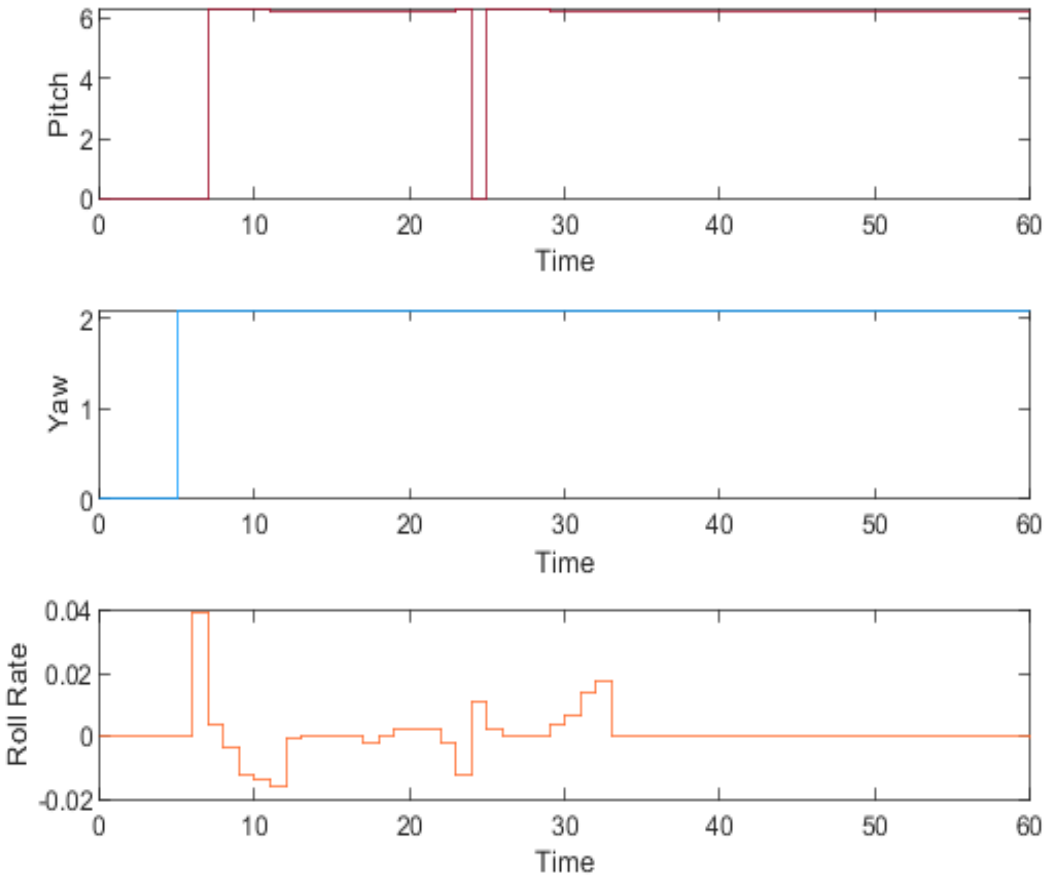
Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
X	double		1	zoh	union
Y	double		1	zoh	union
Roll	double		1	zoh	union



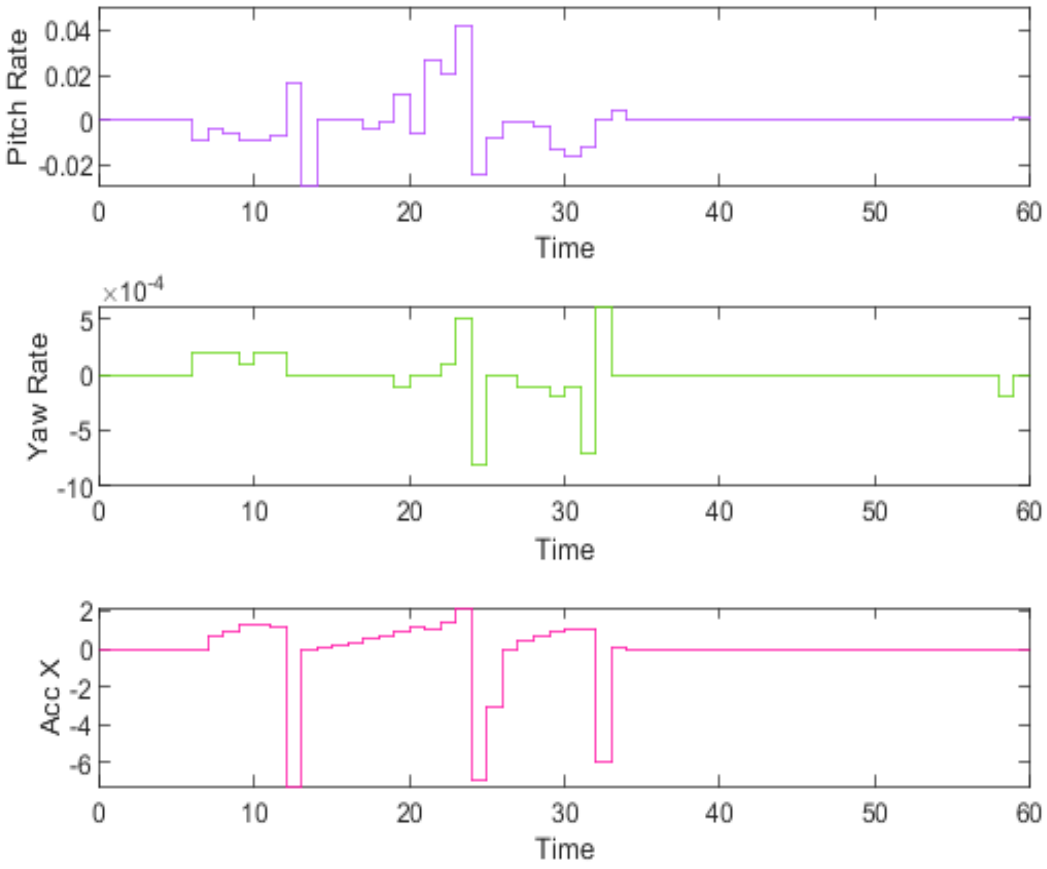
Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
Pitch	double		1	zoh	union
Yaw	double		1	zoh	union
Roll Rate	double		1	zoh	union



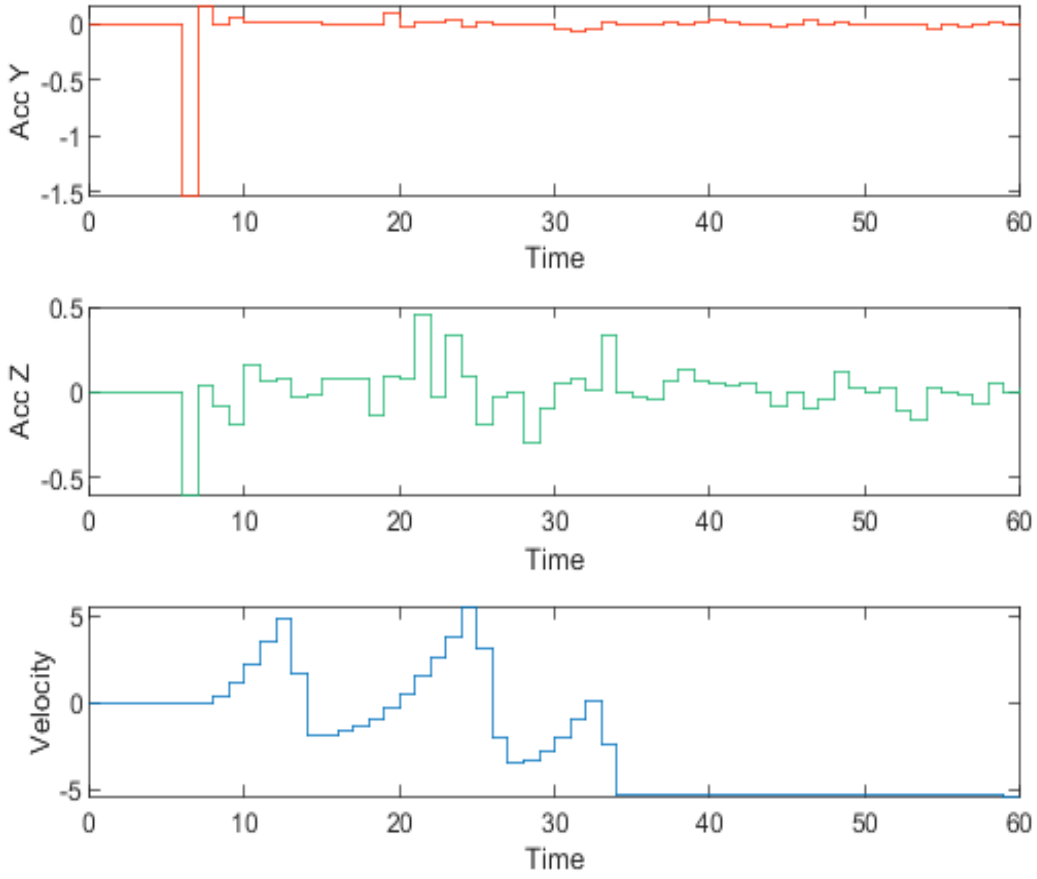
Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
Pitch Rate	double		1	zoh	union
Yaw Rate	double		1	zoh	union
Acc X	double		1	zoh	union



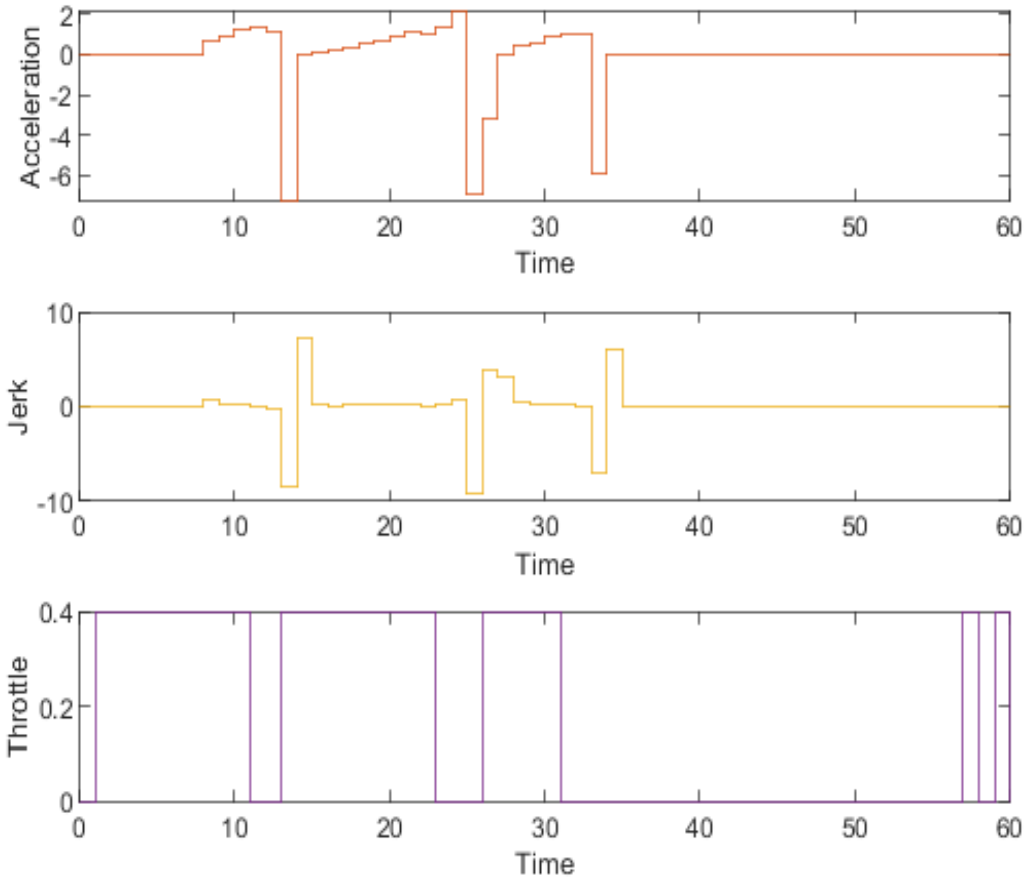
Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
Acc Y	double		1	zoh	union
Acc Z	double		1	zoh	union
Velocity	double		0.1	zoh	union



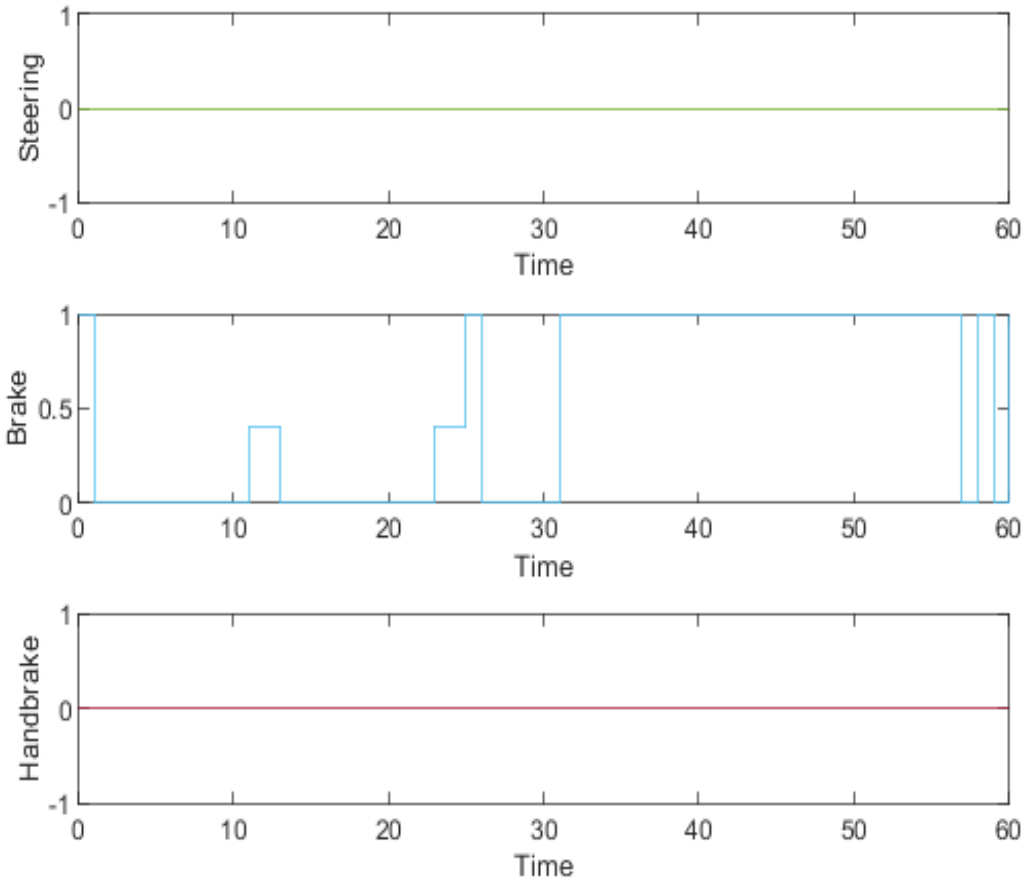
Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
Acceleration	double		0.1	zoh	union
Jerk	double		0.1	zoh	union
Throttle	double		0.1	zoh	union



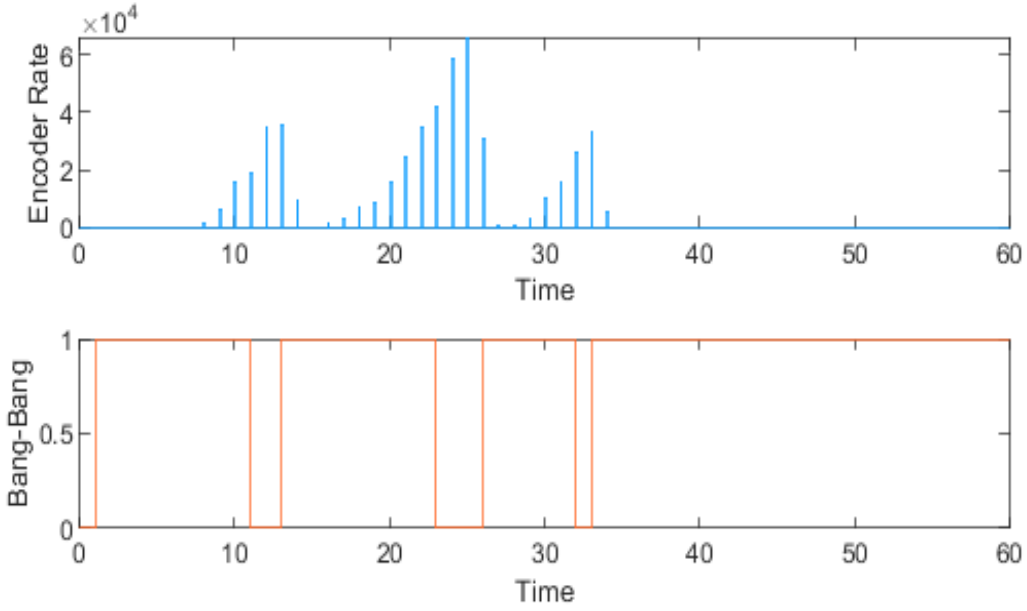
Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
Steering	double		0.1	zoh	union
Brake	double		0.1	zoh	union
Handbrake	double		0.1	zoh	union



Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
Encoder Rate	sfix32_S10		0.1	zoh	union
Bang-Bang	double		0.1	zoh	union



Back to Report SummaryBack to Signal Summary

Simulation Logs:
The data logging override settings for the model 'AutoDRIVE_RZR_AEB' have been configured to log the following signals that are not available for logging because they have been removed from a referenced model, are inside inactive variants, or come from a source that has been commented out. These signals have been automatically removed from the data logging override settings. Save this model to avoid this warning when simulating the model in the future.

BlockPath:
Control/Variant Subsystem/Bang-Bang Controller/Constant

OutputPortIndex: 1

BlockPath:
Control/Variant Subsystem/PID Controller/Constant

OutputPortIndex: 1

BlockPath:
Control/Variant Subsystem/PID Controller/Discrete PID Controller

OutputPortIndex: 1

BlockPath:
Control/Variant Subsystem/PID Controller/Discrete Derivative

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/Tiny YOLO V2/Constant

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/YOLO V2/Constant

OutputPortIndex: 1

BlockPath:

Perception/Variant Subsystem/Tiny YOLO V3/Constant

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/YOLO V3/Constant

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/Tiny YOLO V4/Constant

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/YOLO V4/Constant

OutputPortIndex: 1

BlockPath:
Planning/Variant Subsystem/Abrupt AEB/Constant

OutputPortIndex: 1

BlockPath:
Planning/Variant Subsystem/Smooth AEB/Constant

OutputPortIndex: 1

Back to Report Summary

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

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Iteration4

Test Result Information

Result Type:	Test Iteration Result
Parent:	AEB
Start Time:	15-Nov-2024 22:23:40
End Time:	15-Nov-2024 22:26:31
Outcome:	Failed
Cause of Failure:	Failed criteria: Assessments

Test Case Information

Name:	Iteration4
Type:	Baseline Test

Iteration Settings

Test Overrides

Parameter Name	Value
ParameterSet	Parameter Set 2
VariantConfiguration	VConfig18

Logical and Temporal Assessments

Name	Assessment
Collision Check	At any point of time, (collisionCount < uint16(1)) must be true **REQUIREMENTS** **Description:** Collision **Document:** Requirements.slreqx

Simulation

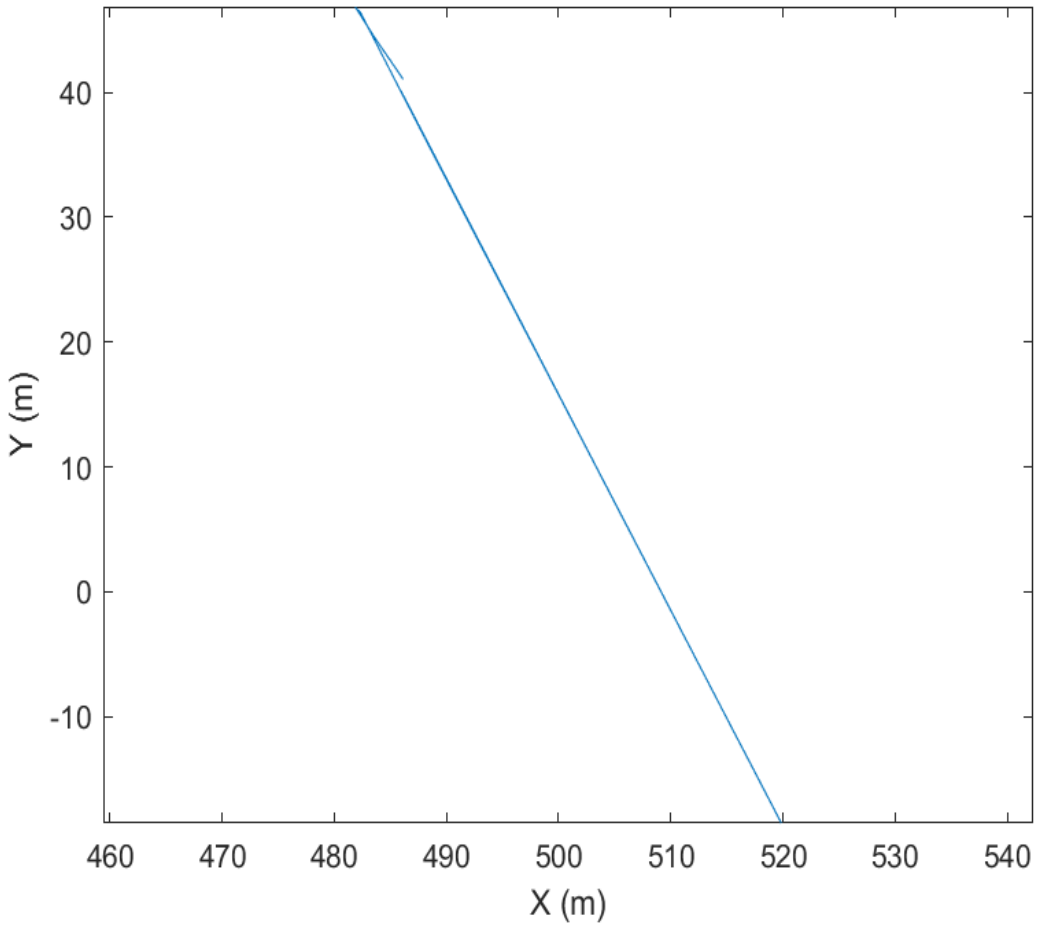
System Under Test Information

Model:	AutoDRIVE_RZR_AEB
Release:	Current
Simulation Mode:	normal
Override SIL or PIL Mode:	0
Configuration Set:	Configuration
Variant Configuration:	VConfig18
Start Time:	0
Stop Time:	60
Checksum:	3425545139 1434685286 1602208899 1454786931
Simulink Version:	24.2
Model Version:	1.66
Model Author:	tsamak
Date:	Fri Nov 15 22:18:59 2024
User ID:	tsamak
Model Path:	C:\Users\tsamak\Downloads\MathWorks RZR AEB - System Composer\AutoDRIVE_RZR_AEB.slx
Machine Name:	AUE-VKROVI-L11
Solver Name:	FixedStepDiscrete
Solver Type:	Fixed-Step
Fixed Step Size:	0.10000000000000001
Simulation Start Time:	2024-11-15 22:23:40
Simulation Stop Time:	2024-11-15 22:26:30
Platform:	PCWIN64

Parameter Overrides

Workspace Variable	Value	Source	Model Element
Parameter Set 2			
TimeOfDay	0	model workspace	Simulation/Time of Day
WeatherID	3	model workspace	Simulation/Weather ID

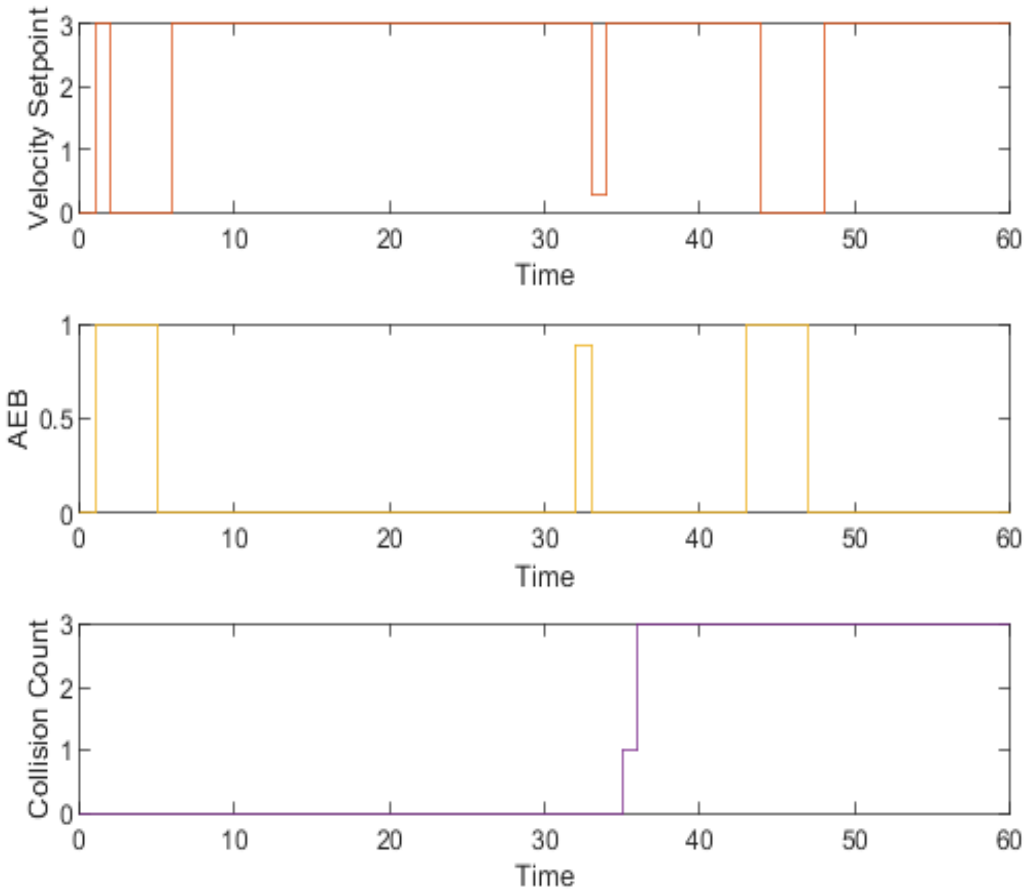
Simulation Callback Plots



Simulation Output

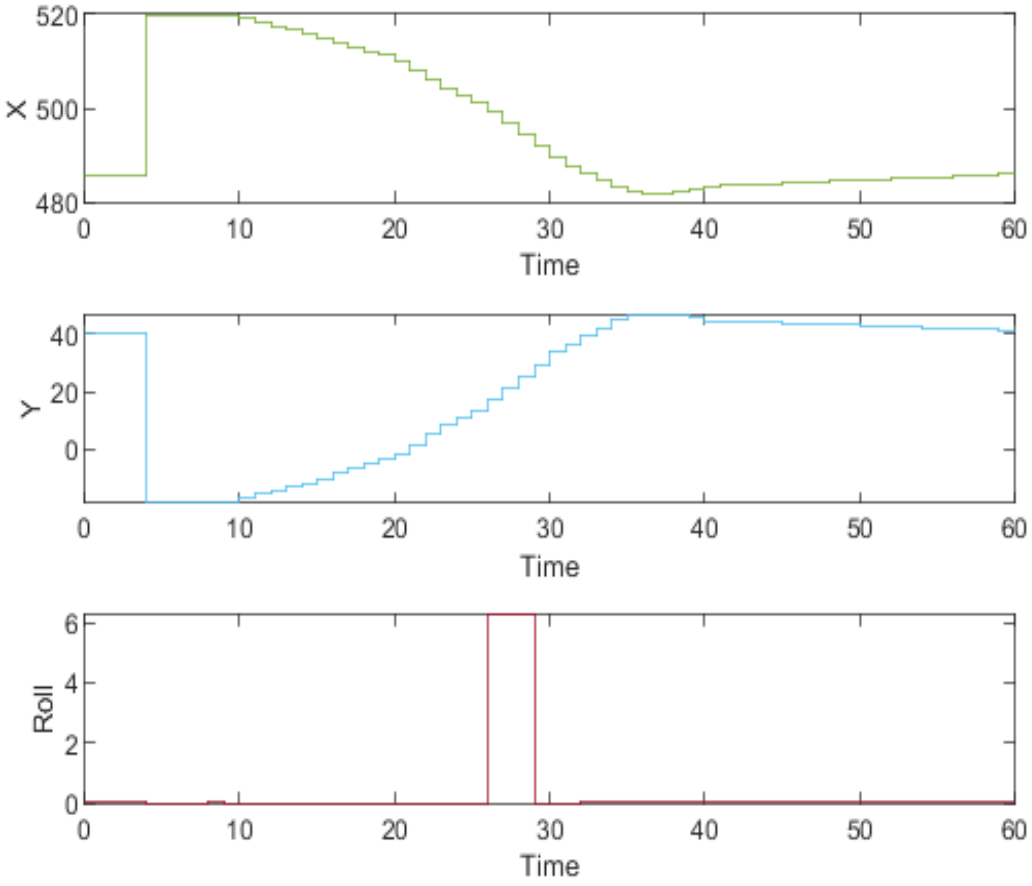
Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
Velocity Setpoint	double		0.1	zoh	union	Link
AEB	double		1	zoh	union	Link
Collision Count	uint16		1	zoh	union	Link
X	double		1	zoh	union	Link
Y	double		1	zoh	union	Link
Roll	double		1	zoh	union	Link
Pitch	double		1	zoh	union	Link
Yaw	double		1	zoh	union	Link
Roll Rate	double		1	zoh	union	Link
Pitch Rate	double		1	zoh	union	Link
Yaw Rate	double		1	zoh	union	Link
Acc X	double		1	zoh	union	Link
Acc Y	double		1	zoh	union	Link
Acc Z	double		1	zoh	union	Link
Velocity	double		0.1	zoh	union	Link
Acceleration	double		0.1	zoh	union	Link
Jerk	double		0.1	zoh	union	Link
Throttle	double		0.1	zoh	union	Link
Steering	double		0.1	zoh	union	Link
Brake	double		0.1	zoh	union	Link
Handbrake	double		0.1	zoh	union	Link
Encoder Rate	sfix32_S10		0.1	zoh	union	Link
PID	double		0.1	zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
Velocity Setpoint	double		0.1	zoh	union
AEB	double		1	zoh	union
Collision Count	uint16		1	zoh	union



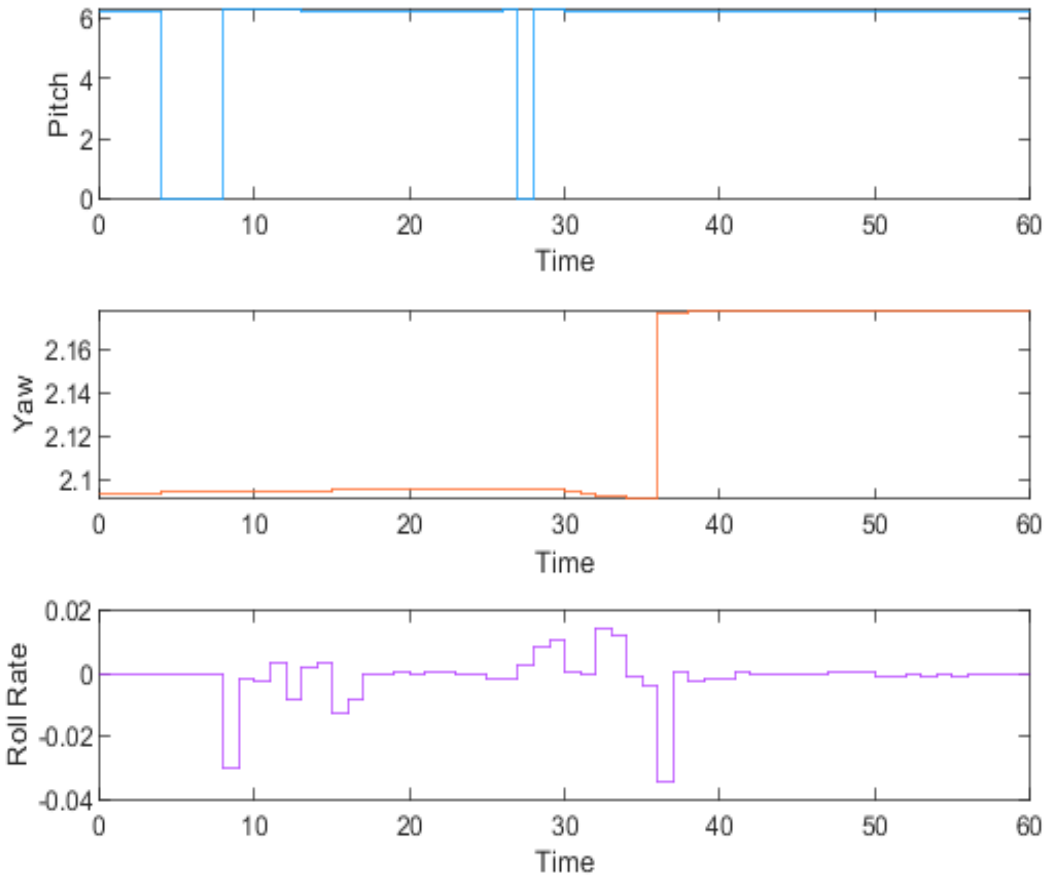
Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
X	double		1	zoh	union
Y	double		1	zoh	union
Roll	double		1	zoh	union



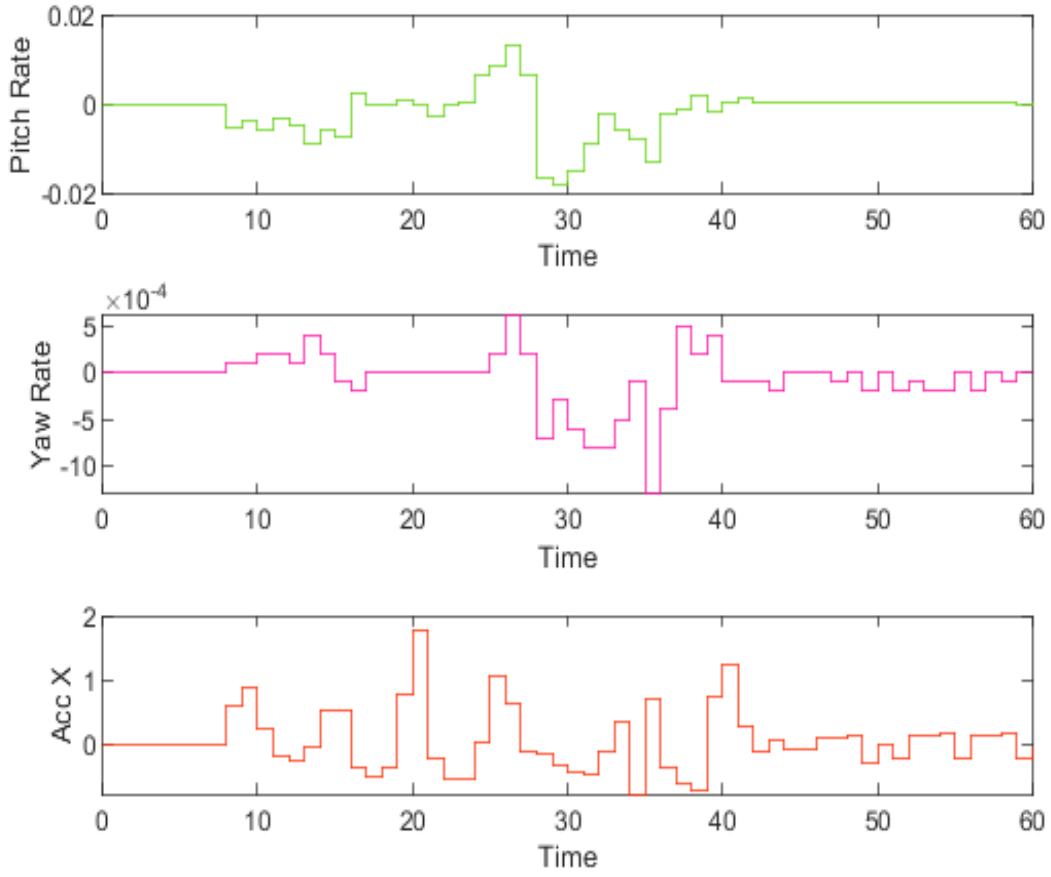
Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
Pitch	double		1	zoh	union
Yaw	double		1	zoh	union
Roll Rate	double		1	zoh	union



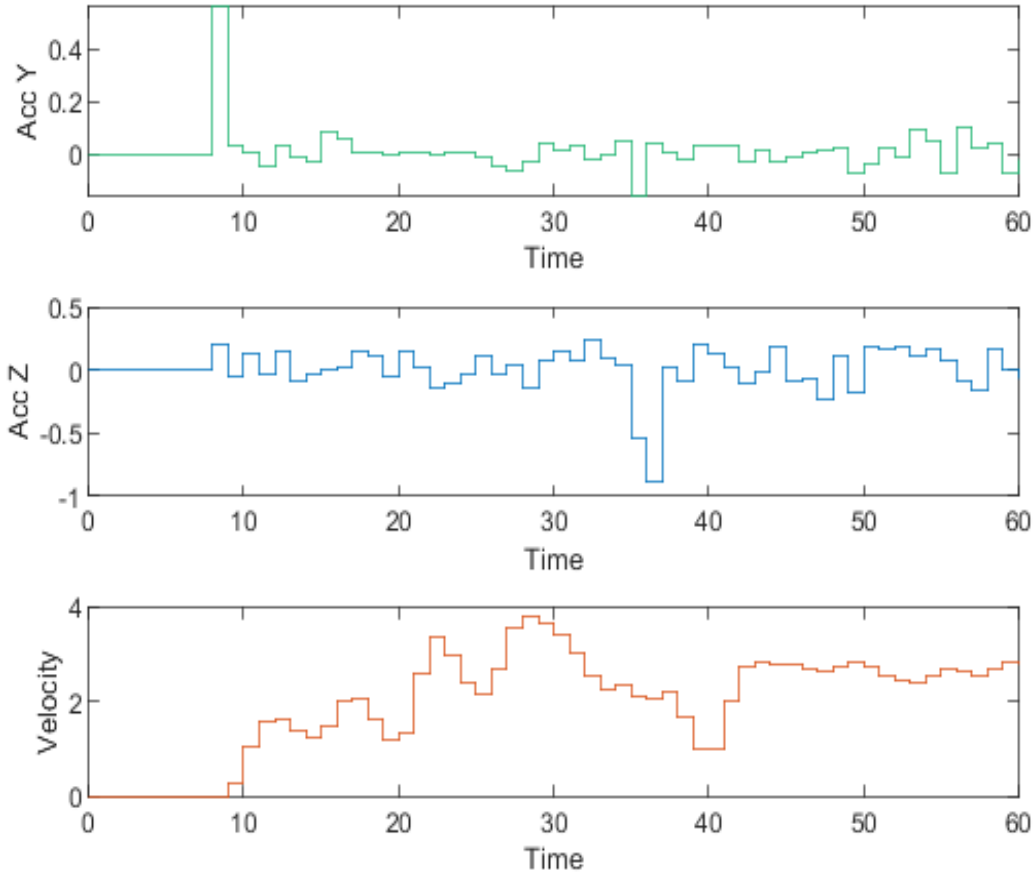
Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
Pitch Rate	double		1	zoh	union
Yaw Rate	double		1	zoh	union
Acc X	double		1	zoh	union



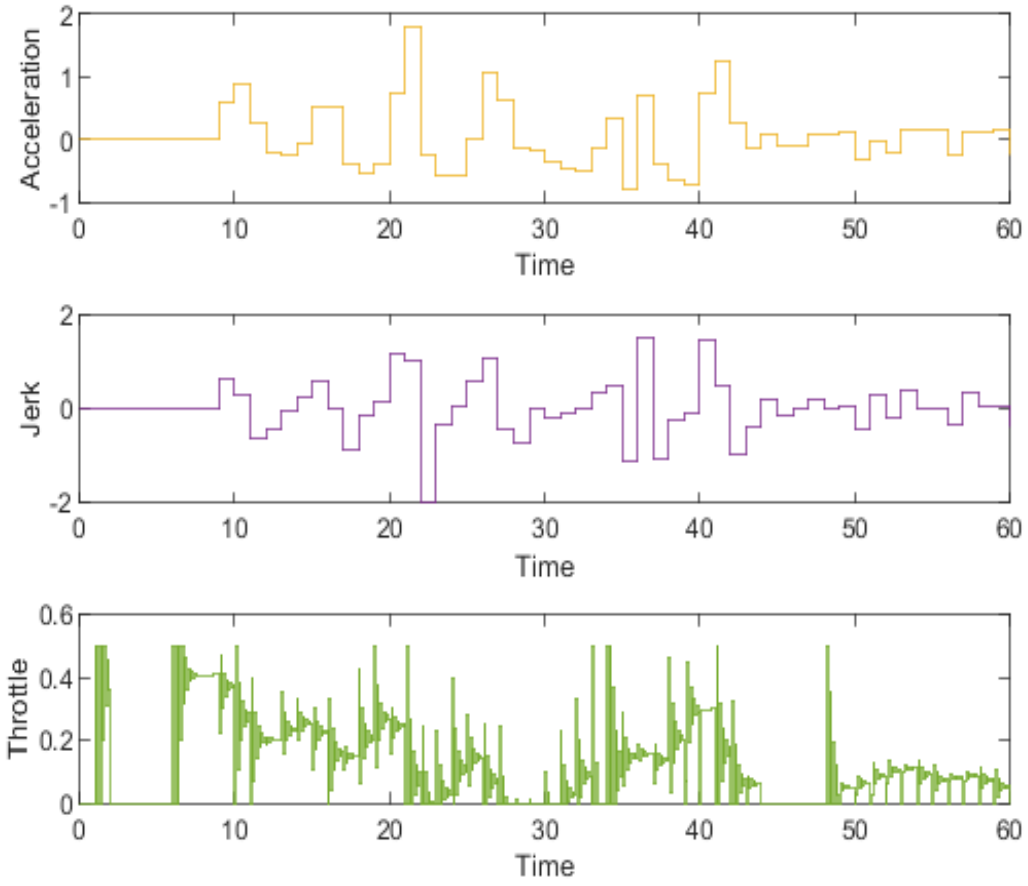
Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
Acc Y	double		1	zoh	union
Acc Z	double		1	zoh	union
Velocity	double		0.1	zoh	union



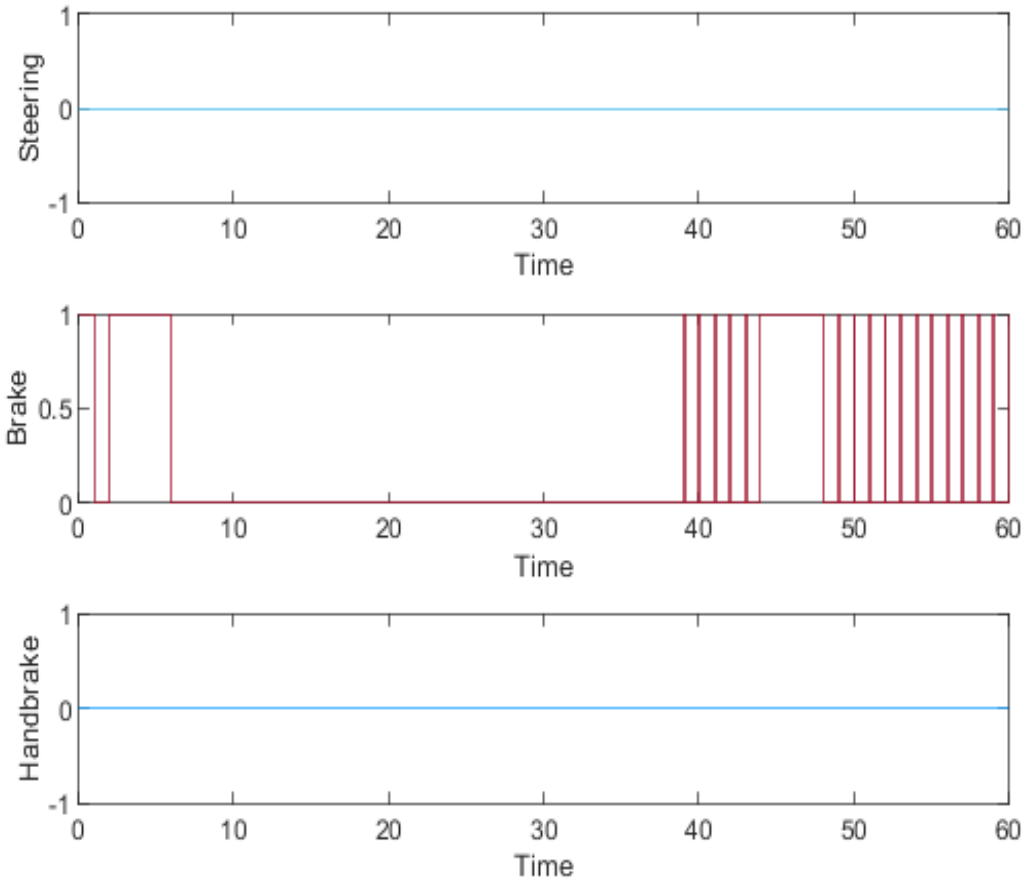
Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
Acceleration	double		0.1	zoh	union
Jerk	double		0.1	zoh	union
Throttle	double		0.1	zoh	union



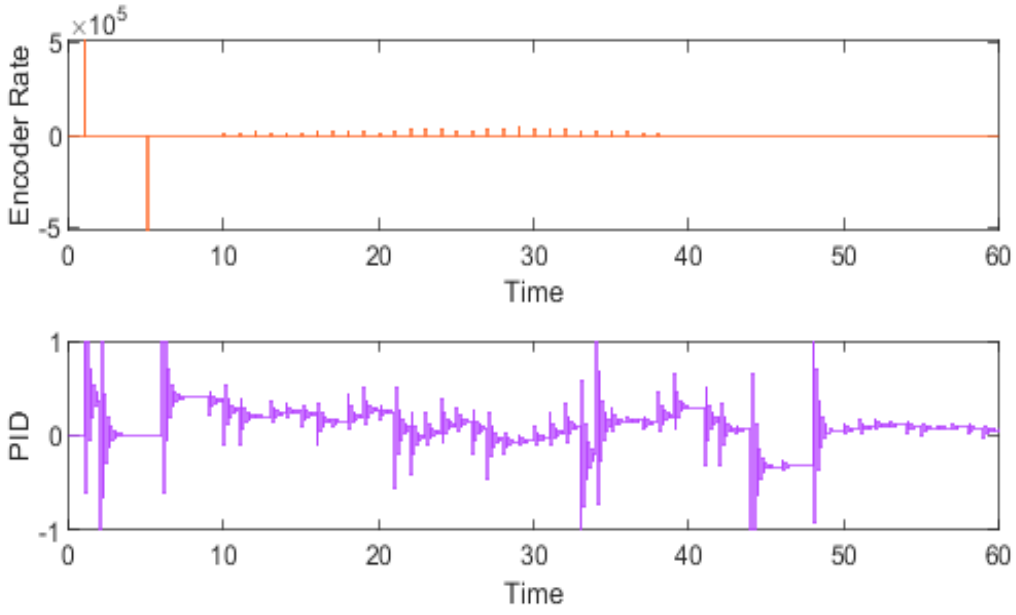
Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
Steering	double		0.1	zoh	union
Brake	double		0.1	zoh	union
Handbrake	double		0.1	zoh	union



Back to Report SummaryBack to Signal Summary

Name	Data Type	Units	Sample Time	Interp	Sync
Encoder Rate	sfix32_S10		0.1	zoh	union
PID	double		0.1	zoh	union



Back to Report SummaryBack to Signal Summary

Simulation Logs:
The data logging override settings for the model 'AutoDRIVE_RZR_AEB' have been configured to log the following signals that are not available for logging because they have been removed from a referenced model, are inside inactive variants, or come from a source that has been commented out. These signals have been automatically removed from the data logging override settings. Save this model to avoid this warning when simulating the model in the future.

BlockPath:
Control/Variant Subsystem/Bang-Bang Controller/Constant

OutputPortIndex: 1

BlockPath:
Control/Variant Subsystem/PID Controller/Constant

OutputPortIndex: 1

BlockPath:
Control/Variant Subsystem/Bang-Bang Controller/Switch

OutputPortIndex: 1

BlockPath:
Control/Variant Subsystem/Bang-Bang Controller/Discrete Derivative

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/Tiny YOLO V2/Constant

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/YOLO V2/Constant

OutputPortIndex: 1

BlockPath:

Perception/Variant Subsystem/Tiny YOLO V3/Constant

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/YOLO V3/Constant

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/Tiny YOLO V4/Constant

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/YOLO V4/Constant

OutputPortIndex: 1

BlockPath:
Planning/Variant Subsystem/Abrupt AEB/Constant

OutputPortIndex: 1

BlockPath:
Planning/Variant Subsystem/Smooth AEB/Constant

OutputPortIndex: 1

Back to Report Summary

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

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Iteration2

Test Result Information

Result Type:	Test Iteration Result
Parent:	AEB
Start Time:	15-Nov-2024 22:26:31
End Time:	15-Nov-2024 22:28:22
Outcome:	Failed
Cause of Failure:	Failed criteria: Assessments

Test Case Information

Name:	Iteration2
Type:	Baseline Test

Iteration Settings

Test Overrides

Parameter Name	Value
ParameterSet	Parameter Set 1
VariantConfiguration	VConfig6

Logical and Temporal Assessments

Name	Assessment
Collision Check	At any point of time, (collisionCount < uint16(1)) must be true **REQUIREMENTS** **Description:** Collision **Document:** Requirements.slreqx

Simulation

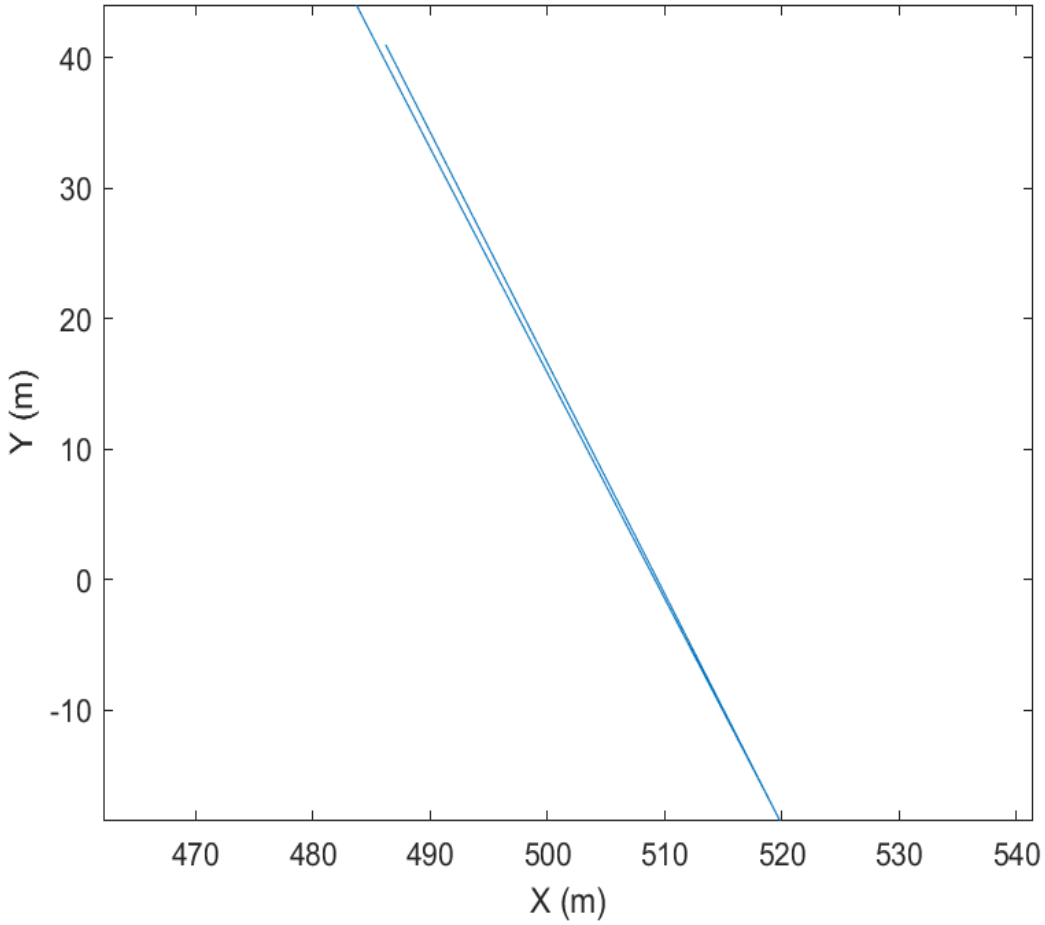
System Under Test Information

Model:	AutoDRIVE_RZR_AEB
Release:	Current
Simulation Mode:	normal
Override SIL or PIL Mode:	0
Configuration Set:	Configuration
Variant Configuration:	VConfig6
Start Time:	0
Stop Time:	60
Checksum:	3680710202 2172829172 2016448274 2277714308
Simulink Version:	24.2
Model Version:	1.66
Model Author:	tsamak
Date:	Fri Nov 15 22:18:59 2024
User ID:	tsamak
Model Path:	C:\Users\tsamak\Downloads\MathWorks RZR AEB - System Composer\AutoDRIVE_RZR_AEB.slx
Machine Name:	AUE-VKROVI-L11
Solver Name:	FixedStepDiscrete
Solver Type:	Fixed-Step
Fixed Step Size:	0.10000000000000001
Simulation Start Time:	2024-11-15 22:26:32
Simulation Stop Time:	2024-11-15 22:28:22
Platform:	PCWIN64

Parameter Overrides

Workspace Variable	Value	Source	Model Element
Parameter Set 1			
TimeOfDay	560	model workspace	Simulation/Time of Day
WeatherID	6	model workspace	Simulation/Weather ID

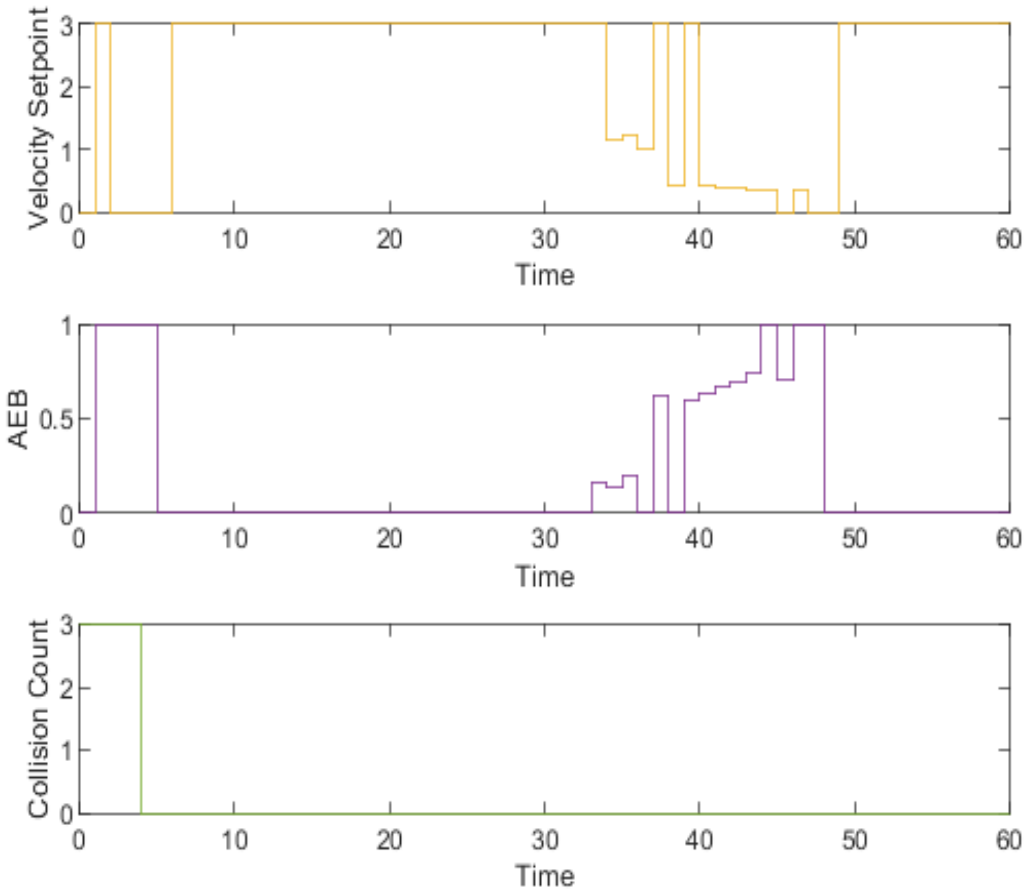
Simulation Callback Plots



Simulation Output

Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
Velocity Setpoint	double		0.1	zoh	union	Link
AEB	double		1	zoh	union	Link
Collision Count	uint16		1	zoh	union	Link
X	double		1	zoh	union	Link
Y	double		1	zoh	union	Link
Roll	double		1	zoh	union	Link
Pitch	double		1	zoh	union	Link
Yaw	double		1	zoh	union	Link
Roll Rate	double		1	zoh	union	Link
Pitch Rate	double		1	zoh	union	Link
Yaw Rate	double		1	zoh	union	Link
Acc X	double		1	zoh	union	Link
Acc Y	double		1	zoh	union	Link
Acc Z	double		1	zoh	union	Link
Velocity	double		0.1	zoh	union	Link
Acceleration	double		0.1	zoh	union	Link
Jerk	double		0.1	zoh	union	Link
Throttle	double		0.1	zoh	union	Link
Steering	double		0.1	zoh	union	Link
Brake	double		0.1	zoh	union	Link
Handbrake	double		0.1	zoh	union	Link
Encoder Rate	sfix32_S10		0.1	zoh	union	Link
Bang-Bang	double		0.1	zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
Velocity Setpoint	double		0.1	zoh	union
AEB	double		1	zoh	union
Collision Count	uint16		1	zoh	union



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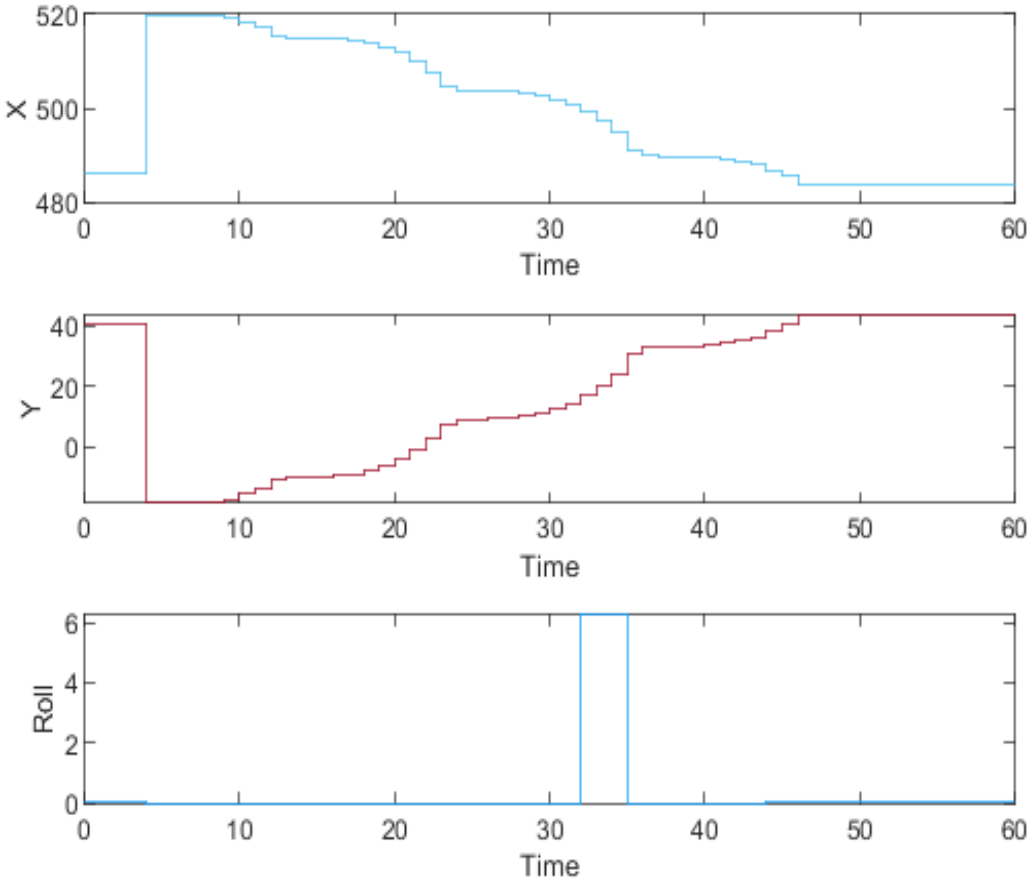
Name	Data Type	Units	Sample Time	Interp	Sync
X	double		1	zoh	union
Y	double		1	zoh	union
Roll	double		1	zoh	union



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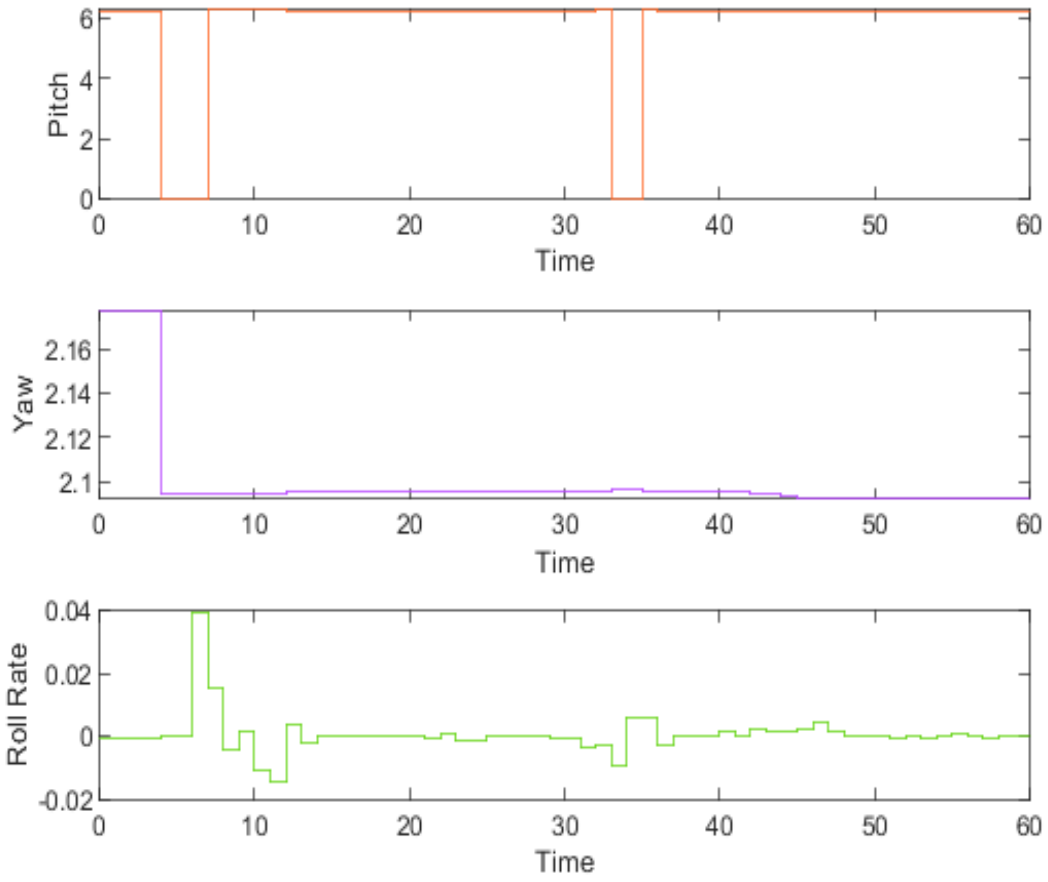
Name	Data Type	Units	Sample Time	Interp	Sync
Pitch	double		1	zoh	union
Yaw	double		1	zoh	union
Roll Rate	double		1	zoh	union



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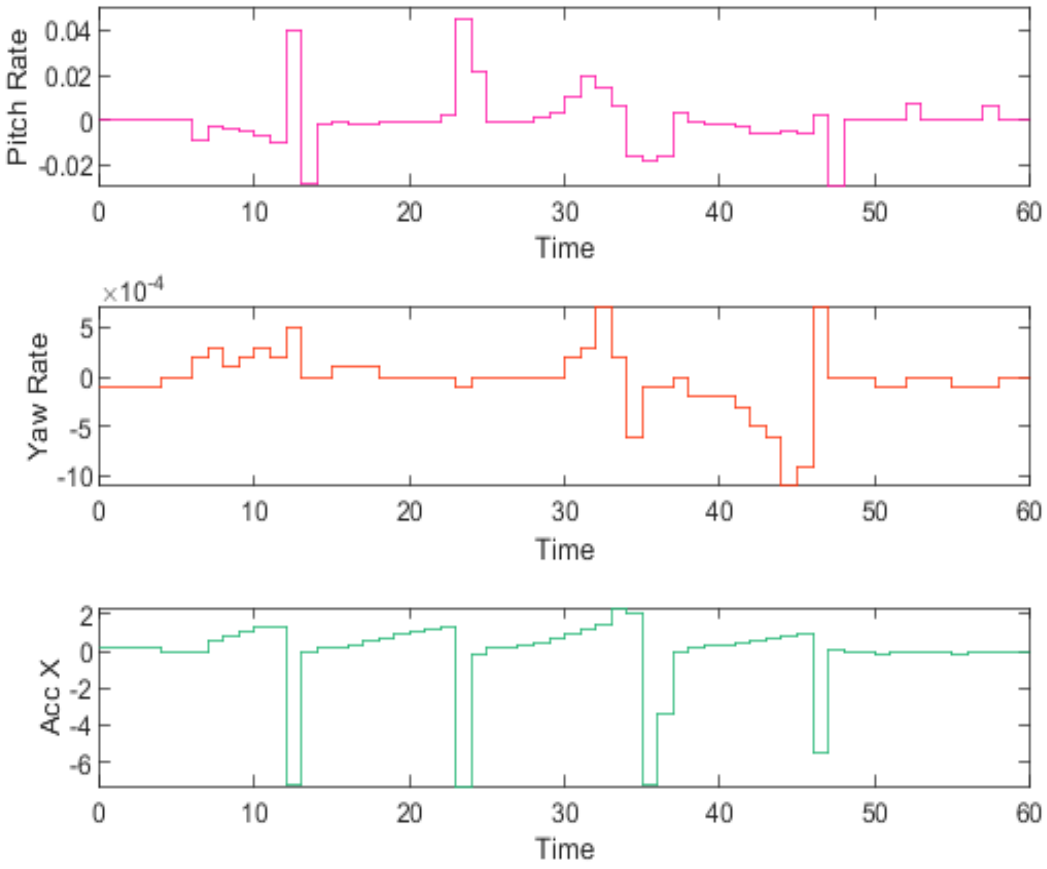
Name	Data Type	Units	Sample Time	Interp	Sync
Pitch Rate	double		1	zoh	union
Yaw Rate	double		1	zoh	union
Acc X	double		1	zoh	union



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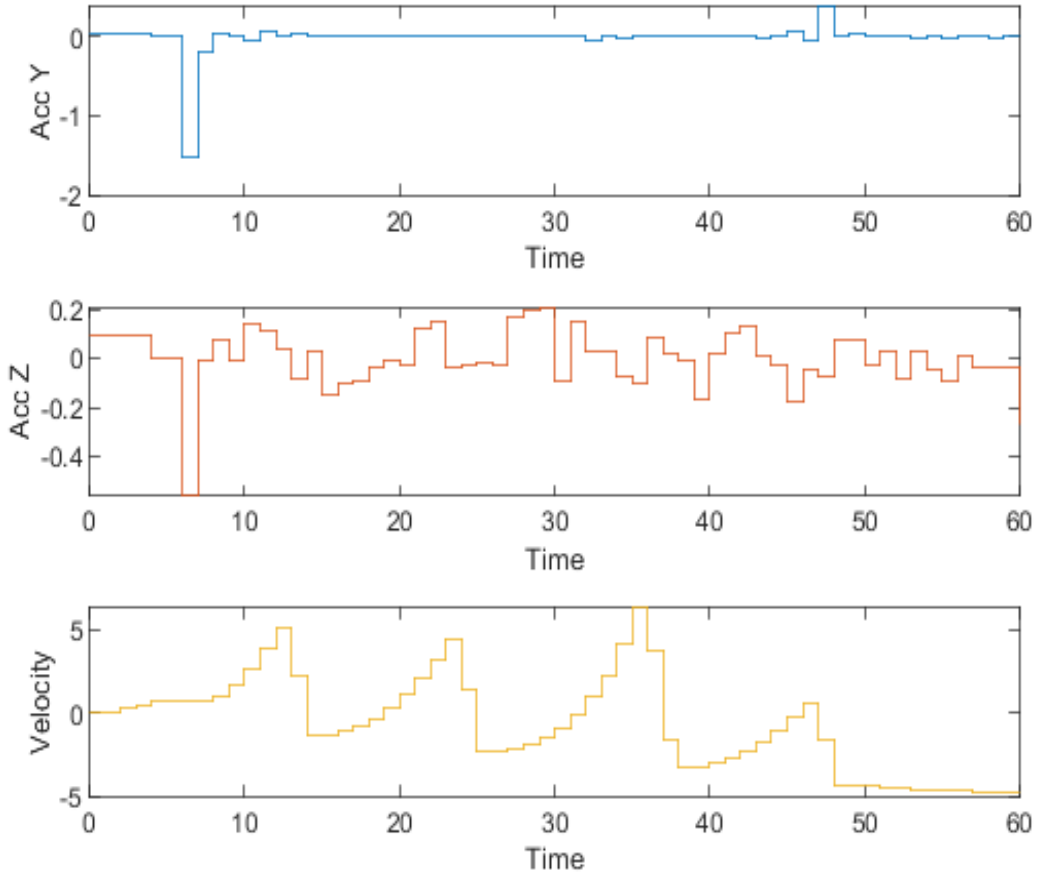
Name	Data Type	Units	Sample Time	Interp	Sync
Acc Y	double		1	zoh	union
Acc Z	double		1	zoh	union
Velocity	double		0.1	zoh	union



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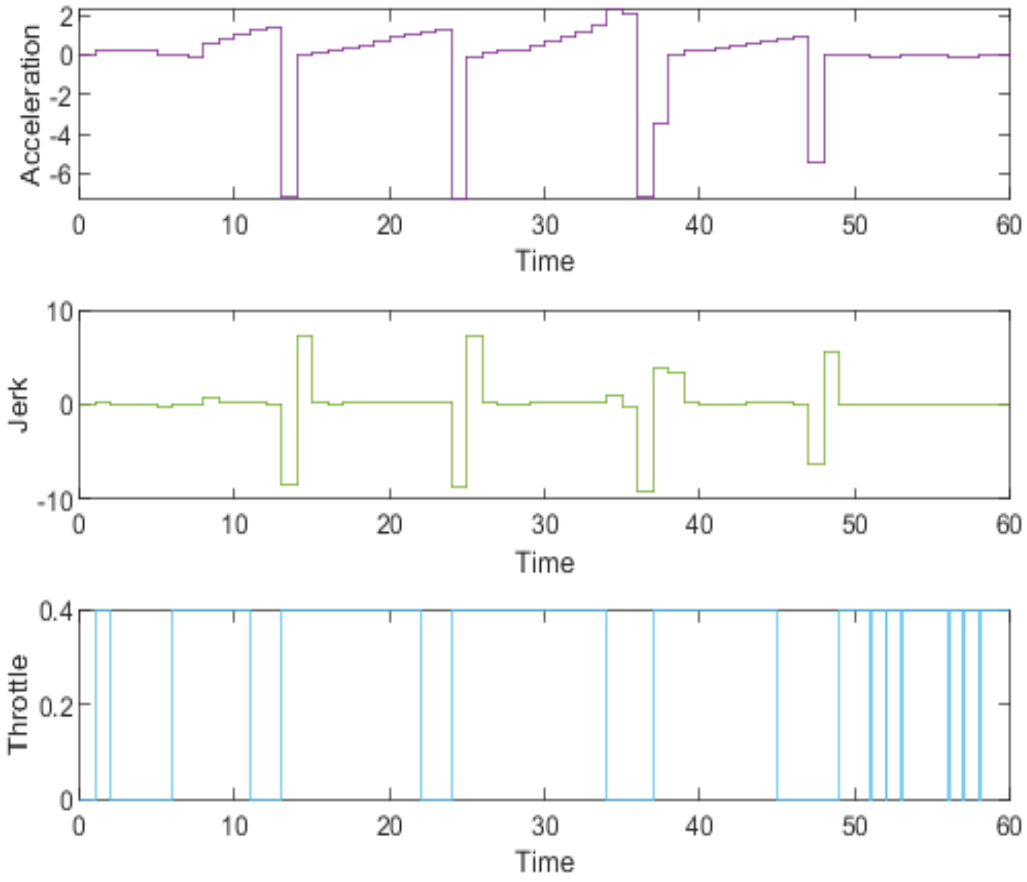
Name	Data Type	Units	Sample Time	Interp	Sync
Acceleration	double		0.1	zoh	union
Jerk	double		0.1	zoh	union
Throttle	double		0.1	zoh	union



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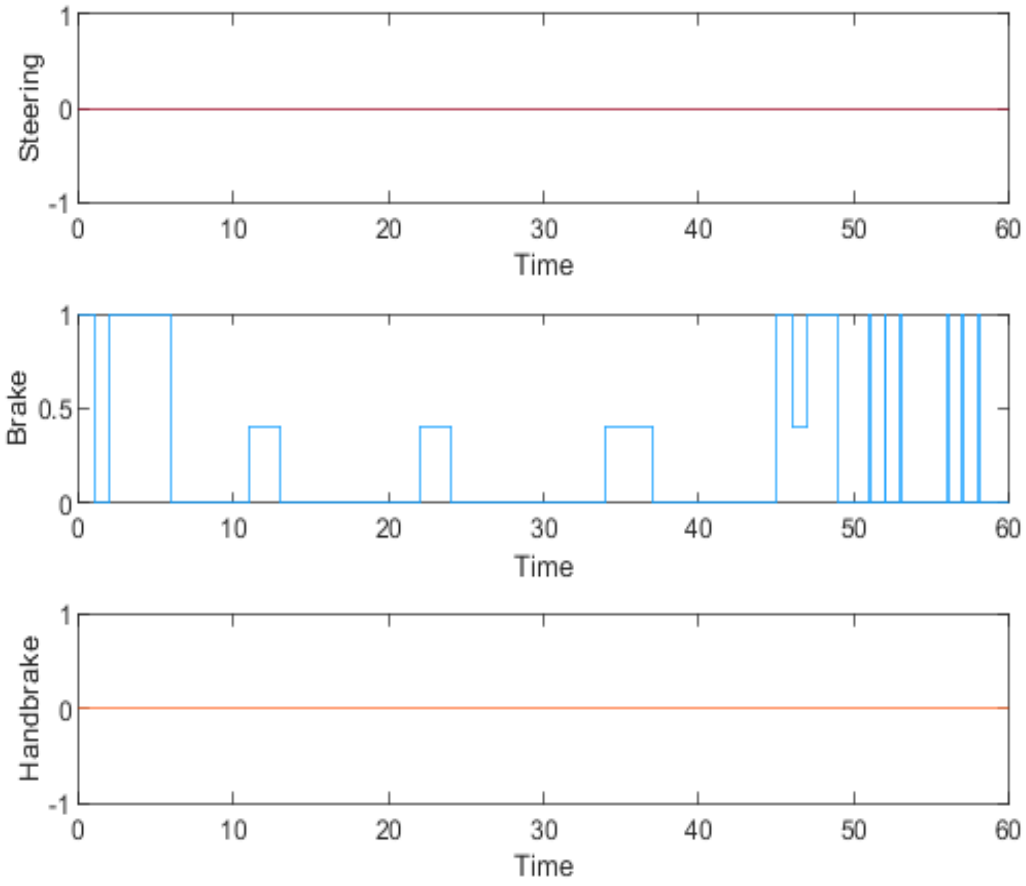
Name	Data Type	Units	Sample Time	Interp	Sync
Steering	double		0.1	zoh	union
Brake	double		0.1	zoh	union
Handbrake	double		0.1	zoh	union



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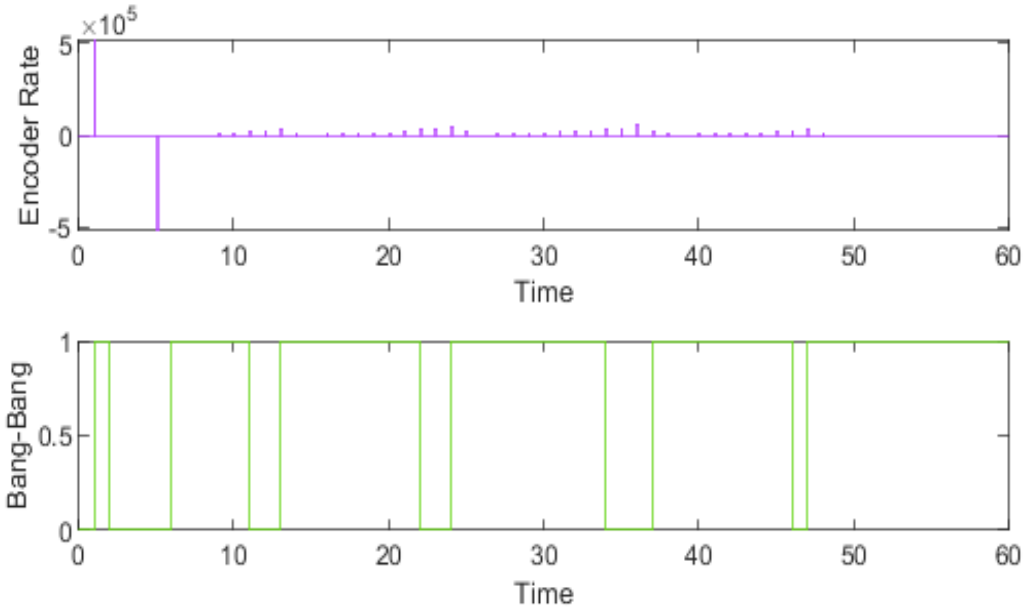
Name	Data Type	Units	Sample Time	Interp	Sync
Encoder Rate	sfix32_S10		0.1	zoh	union
Bang-Bang	double		0.1	zoh	union



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Simulation Logs:
The data logging override settings for the model 'AutoDRIVE_RZR_AEB' have been configured to log the following signals that are not available for logging because they have been removed from a referenced model, are inside inactive variants, or come from a source that has been commented out. These signals have been automatically removed from the data logging override settings. Save this model to avoid this warning when simulating the model in the future.

BlockPath:
Control/Variant Subsystem/Bang-Bang Controller/Constant

OutputPortIndex: 1

BlockPath:
Control/Variant Subsystem/PID Controller/Constant

OutputPortIndex: 1

BlockPath:
Control/Variant Subsystem/PID Controller/Discrete PID Controller

OutputPortIndex: 1

BlockPath:
Control/Variant Subsystem/PID Controller/Discrete Derivative

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/Tiny YOLO V2/Constant

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/YOLO V2/Constant

OutputPortIndex: 1

BlockPath:

Perception/Variant Subsystem/Tiny YOLO V3/Constant

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/YOLO V3/Constant

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/Tiny YOLO V4/Constant

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/YOLO V4/Constant

OutputPortIndex: 1

BlockPath:
Planning/Variant Subsystem/Abrupt AEB/Constant

OutputPortIndex: 1

BlockPath:
Planning/Variant Subsystem/Smooth AEB/Constant

OutputPortIndex: 1

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

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Iteration3

Test Result Information

Result Type:	Test Iteration Result
Parent:	AEB
Start Time:	15-Nov-2024 22:28:23
End Time:	15-Nov-2024 22:42:11
Outcome:	Failed
Cause of Failure:	Failed criteria: Assessments

Test Case Information

Name:	Iteration3
Type:	Baseline Test

Iteration Settings

Test Overrides

Parameter Name	Value
ParameterSet	Parameter Set 2
VariantConfiguration	VConfig12

Logical and Temporal Assessments

Name	Assessment
Collision Check	At any point of time, (collisionCount < uint16(1)) must be true **REQUIREMENTS** **Description:** Collision **Document:** Requirements.slreqx

Simulation

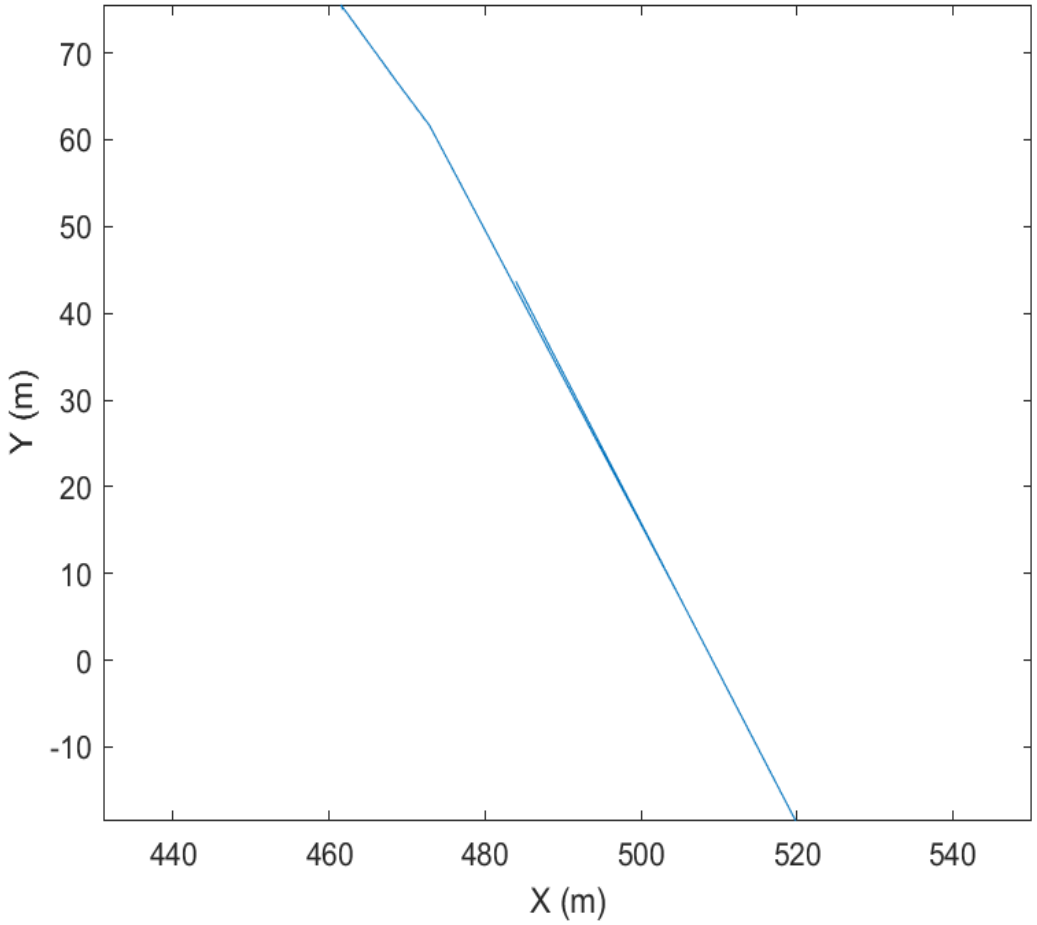
System Under Test Information

Model:	AutoDRIVE_RZR_AEB
Release:	Current
Simulation Mode:	normal
Override SIL or PIL Mode:	0
Configuration Set:	Configuration
Variant Configuration:	VConfig12
Start Time:	0
Stop Time:	60
Checksum:	3680710202 2172829172 2016448274 2277714308
Simulink Version:	24.2
Model Version:	1.66
Model Author:	tsamak
Date:	Fri Nov 15 22:18:59 2024
User ID:	tsamak
Model Path:	C:\Users\tsamak\Downloads\MathWorks RZR AEB - System Composer\AutoDRIVE_RZR_AEB.slx
Machine Name:	AUE-VKROVI-L11
Solver Name:	FixedStepDiscrete
Solver Type:	Fixed-Step
Fixed Step Size:	0.10000000000000001
Simulation Start Time:	2024-11-15 22:28:23
Simulation Stop Time:	2024-11-15 22:42:10
Platform:	PCWIN64

Parameter Overrides

Workspace Variable	Value	Source	Model Element
Parameter Set 2			
TimeOfDay	0	model workspace	Simulation/Time of Day
WeatherID	3	model workspace	Simulation/Weather ID

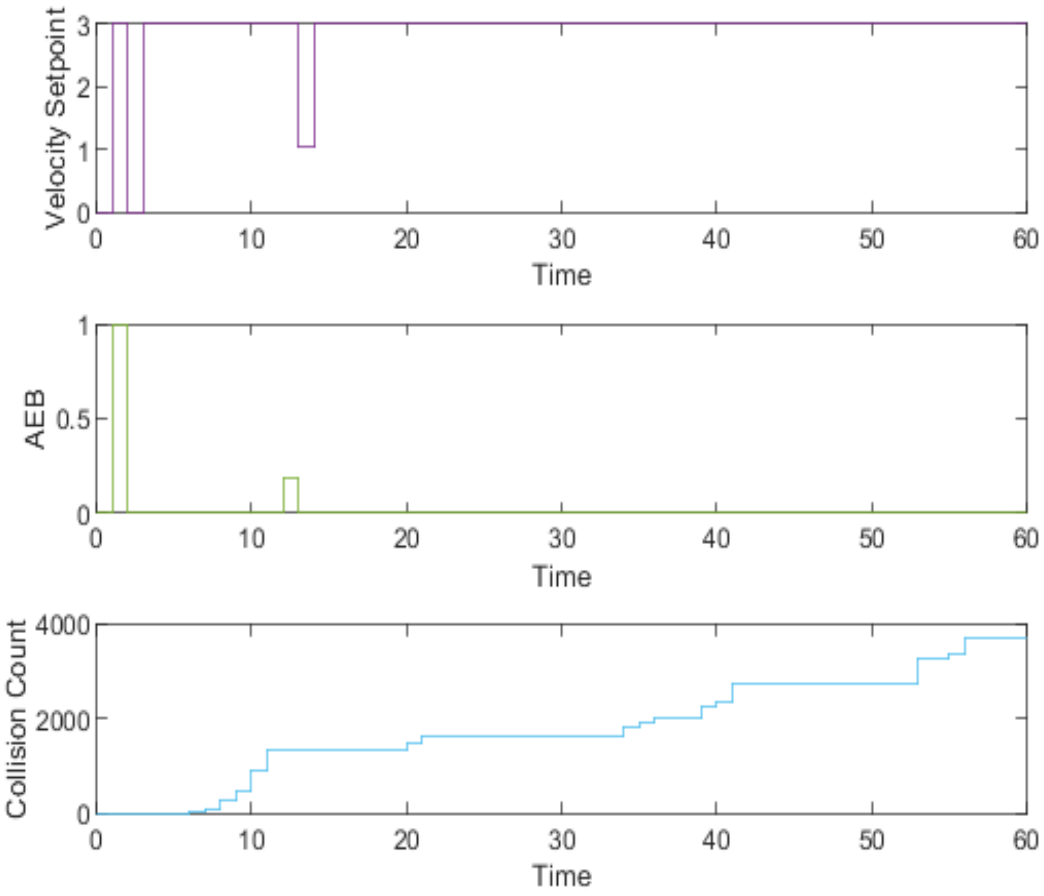
Simulation Callback Plots



Simulation Output

Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
Velocity Setpoint	double		0.1	zoh	union	Link
AEB	double		1	zoh	union	Link
Collision Count	uint16		1	zoh	union	Link
X	double		1	zoh	union	Link
Y	double		1	zoh	union	Link
Roll	double		1	zoh	union	Link
Pitch	double		1	zoh	union	Link
Yaw	double		1	zoh	union	Link
Roll Rate	double		1	zoh	union	Link
Pitch Rate	double		1	zoh	union	Link
Yaw Rate	double		1	zoh	union	Link
Acc X	double		1	zoh	union	Link
Acc Y	double		1	zoh	union	Link
Acc Z	double		1	zoh	union	Link
Velocity	double		0.1	zoh	union	Link
Acceleration	double		0.1	zoh	union	Link
Jerk	double		0.1	zoh	union	Link
Throttle	double		0.1	zoh	union	Link
Steering	double		0.1	zoh	union	Link
Brake	double		0.1	zoh	union	Link
Handbrake	double		0.1	zoh	union	Link
Encoder Rate	sfix32_S10		0.1	zoh	union	Link
Bang-Bang	double		0.1	zoh	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
Velocity Setpoint	double		0.1	zoh	union
AEB	double		1	zoh	union
Collision Count	uint16		1	zoh	union



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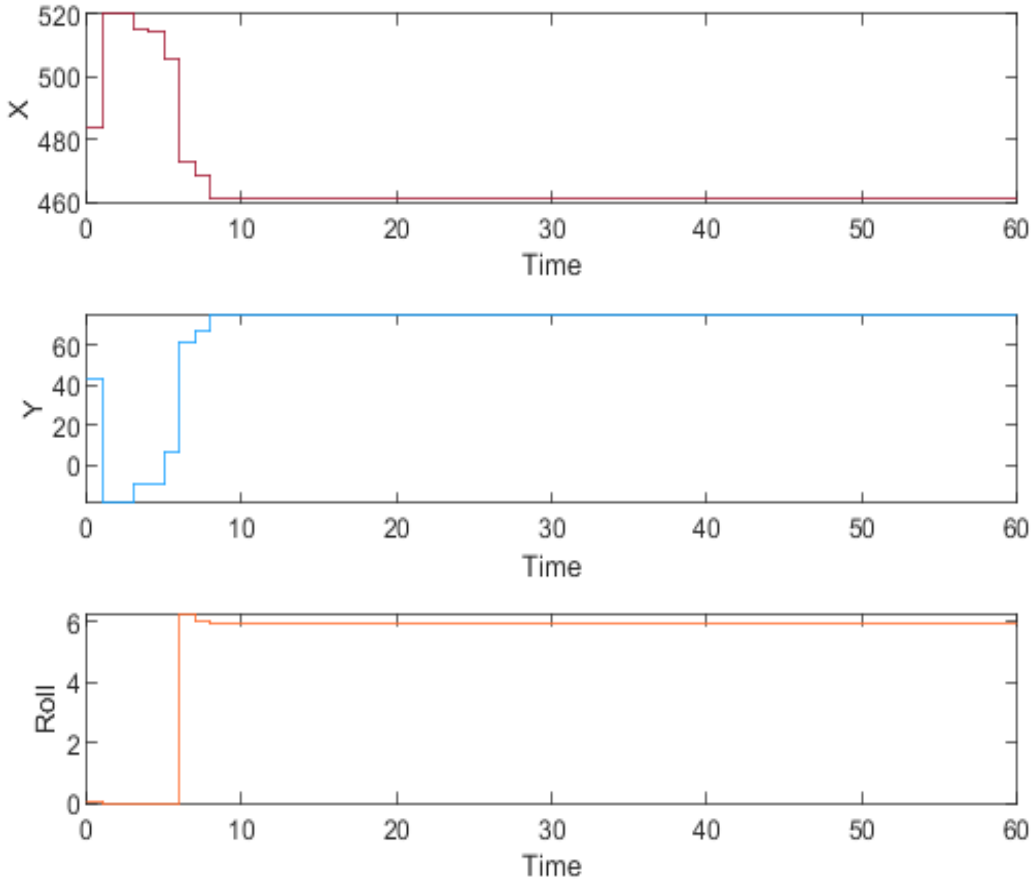
Name	Data Type	Units	Sample Time	Interp	Sync
X	double		1	zoh	union
Y	double		1	zoh	union
Roll	double		1	zoh	union



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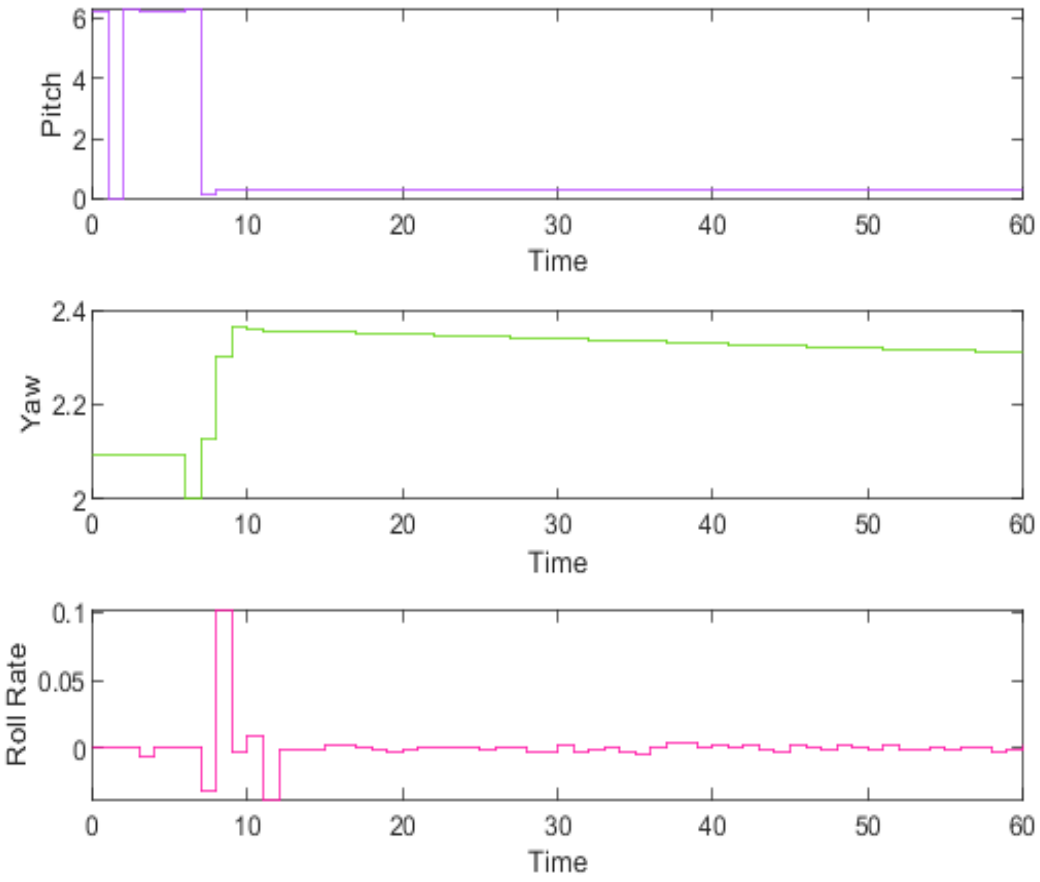
Name	Data Type	Units	Sample Time	Interp	Sync
Pitch	double		1	zoh	union
Yaw	double		1	zoh	union
Roll Rate	double		1	zoh	union



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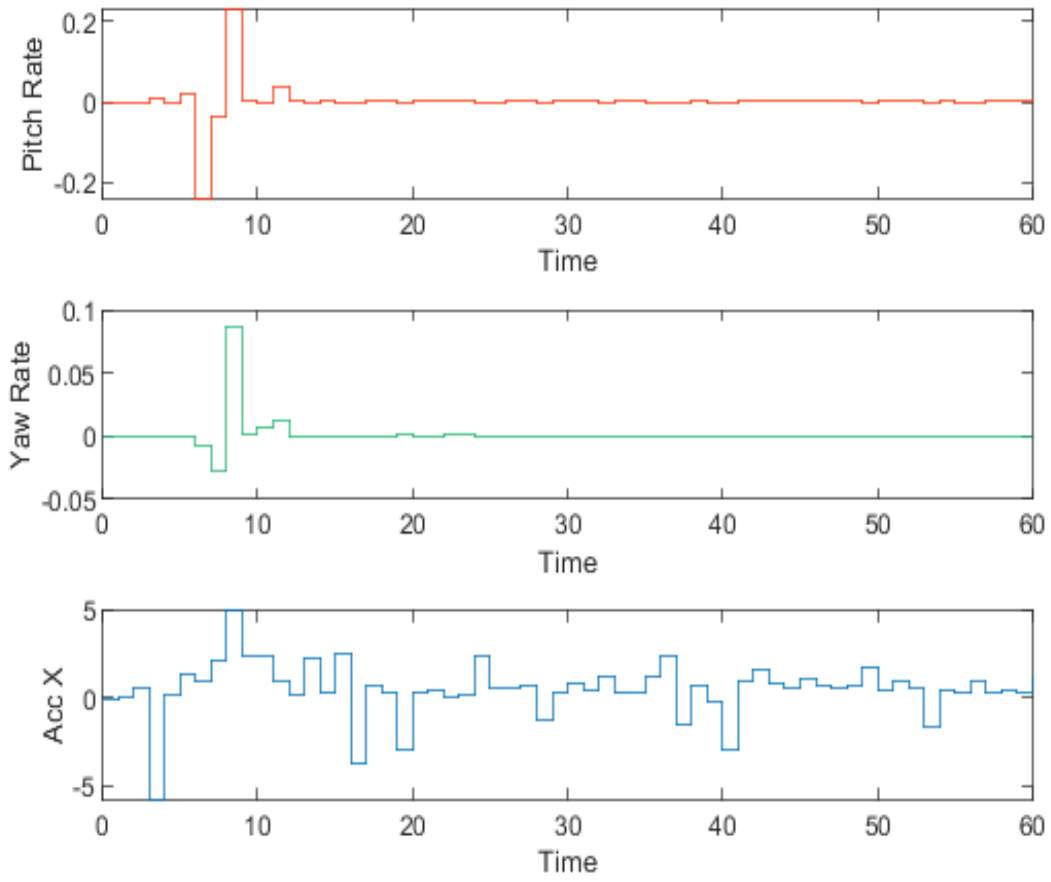
Name	Data Type	Units	Sample Time	Interp	Sync
Pitch Rate	double		1	zoh	union
Yaw Rate	double		1	zoh	union
Acc X	double		1	zoh	union



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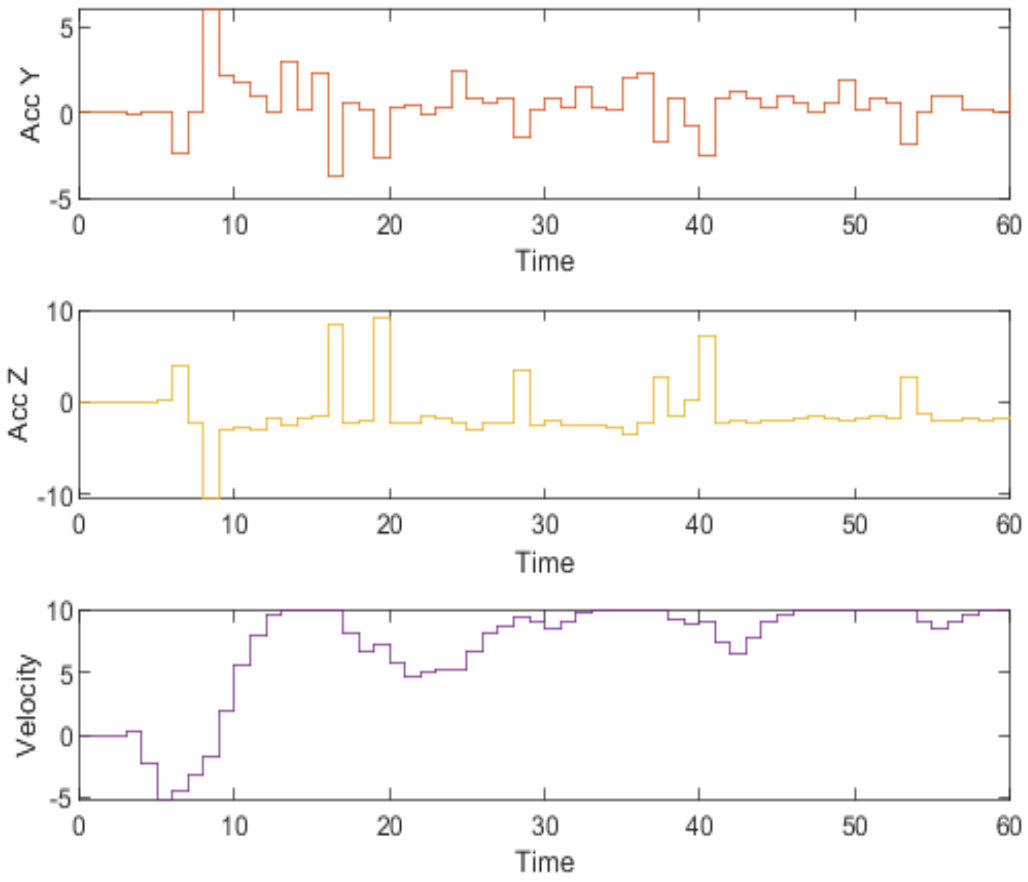
Name	Data Type	Units	Sample Time	Interp	Sync
Acc Y	double		1	zoh	union
Acc Z	double		1	zoh	union
Velocity	double		0.1	zoh	union



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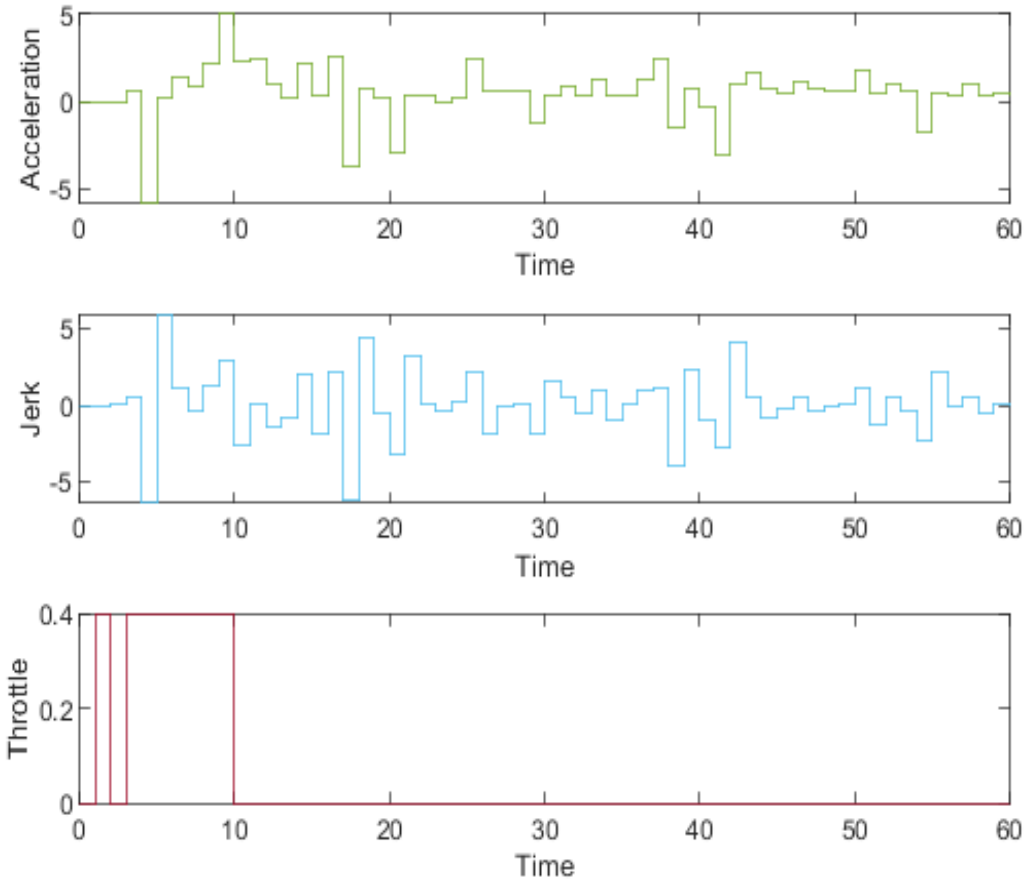
Name	Data Type	Units	Sample Time	Interp	Sync
Acceleration	double		0.1	zoh	union
Jerk	double		0.1	zoh	union
Throttle	double		0.1	zoh	union



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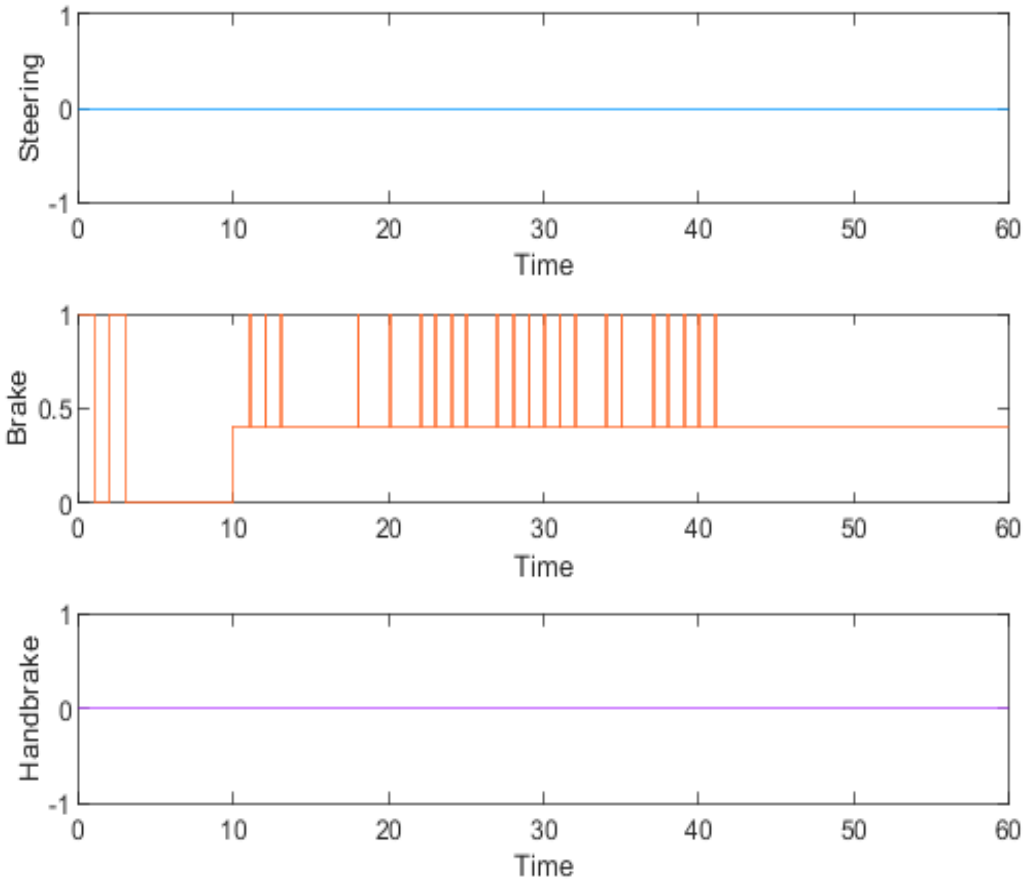
Name	Data Type	Units	Sample Time	Interp	Sync
Steering	double		0.1	zoh	union
Brake	double		0.1	zoh	union
Handbrake	double		0.1	zoh	union



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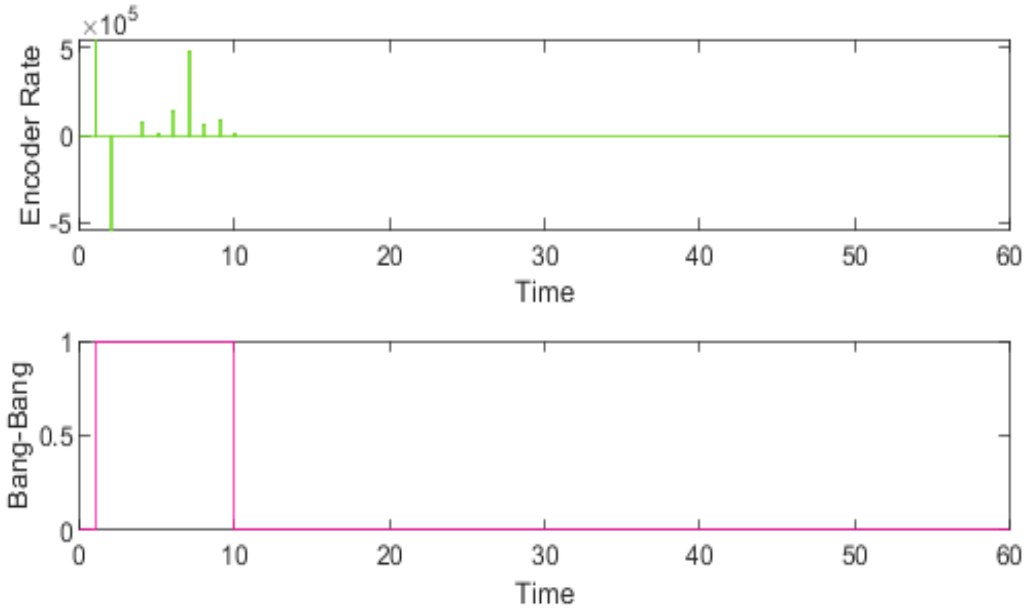
Name	Data Type	Units	Sample Time	Interp	Sync
Encoder Rate	sfix32_S10		0.1	zoh	union
Bang-Bang	double		0.1	zoh	union



Back to Report SummaryBack to Signal Summary

Simulation Logs:
The data logging override settings for the model 'AutoDRIVE_RZR_AEB' have been configured to log the following signals that are not available for logging because they have been removed from a referenced model, are inside inactive variants, or come from a source that has been commented out. These signals have been automatically removed from the data logging override settings. Save this model to avoid this warning when simulating the model in the future.

BlockPath:
Control/Variant Subsystem/Bang-Bang Controller/Constant

OutputPortIndex: 1

BlockPath:
Control/Variant Subsystem/PID Controller/Constant

OutputPortIndex: 1

BlockPath:
Control/Variant Subsystem/PID Controller/Discrete PID Controller

OutputPortIndex: 1

BlockPath:
Control/Variant Subsystem/PID Controller/Discrete Derivative

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/Tiny YOLO V2/Constant

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/YOLO V2/Constant

OutputPortIndex: 1

BlockPath:

Perception/Variant Subsystem/Tiny YOLO V3/Constant

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/YOLO V3/Constant

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/Tiny YOLO V4/Constant

OutputPortIndex: 1

BlockPath:
Perception/Variant Subsystem/YOLO V4/Constant

OutputPortIndex: 1

BlockPath:
Planning/Variant Subsystem/Abrupt AEB/Constant

OutputPortIndex: 1

BlockPath:
Planning/Variant Subsystem/Smooth AEB/Constant

OutputPortIndex: 1

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

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