

FMVSS 208 Compliance

FMVSS 208 | Adult Frontal Rigid-Barrier Occupant Protection
v1 | v2 | v3

Report Status

	v1	v2	v3
Overall	OK	OK	OK
Driver	OK	OK	OK
Dummy Containment	OK	OK	OK
HIC 15	OK	OK	OK
Chest a3ms	OK	OK	OK
Chest Deflection	OK	OK	OK
Nij	OK	OK	OK
Neck Tension Force	OK	OK	OK
Neck Compression Force	OK	OK	OK
Femur Axial Force	OK	OK	OK
Left Femur Axial Force	OK	OK	OK
Right Femur Axial Force	OK	OK	OK
Front Passenger	OK	OK	OK
Dummy Containment	OK	OK	OK
HIC 15	OK	OK	OK
Chest a3ms	OK	OK	OK
Chest Deflection	OK	OK	OK
Nij	OK	OK	OK
Neck Tension Force	OK	OK	OK

Manual Inputs

	Default	Source	v1	v2	v3
p_driver	'1'	test report	'1'	'1'	'1'
p_passenger	'3'	test report	'3'	'3'	'3'
dummy_type	'HF'	ISO-MME channel codes	'H3' (derived)	'H3' (derived)	'H3' (derived)
contained	False	video / post-test inspection	False	False	False
dummy_type	'HF'	ISO-MME channel codes	'H3' (derived)	'H3' (derived)	'H3' (derived)
contained	False	video / post-test inspection	False	False	False

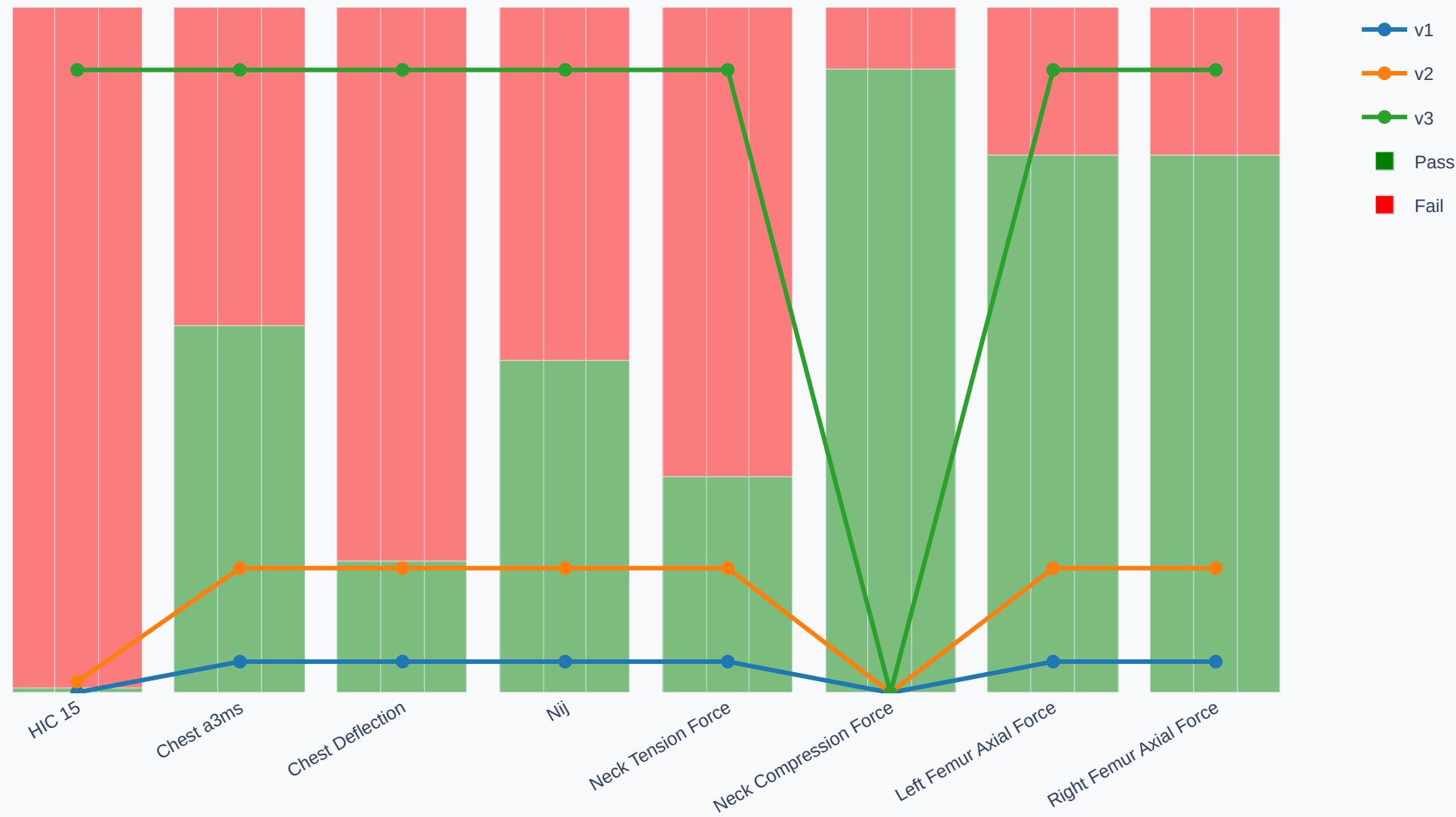
Overall Compliance

	v1	v2	v3
Driver	Fail	Fail	Fail
Front Passenger	Fail	Fail	Fail
Overall	Fail	Fail	Fail

Driver Compliance

	v1	v2	v3
Dummy Containment	Fail	Fail	Fail
HIC 15	Pass	Fail	Fail
Chest a3ms	Pass	Pass	Fail
Chest Deflection	Pass	Pass	Fail
Nij	Pass	Pass	Fail
Neck Tension Force	Pass	Pass	Fail
Neck Compression Force	Pass	Pass	Pass
Left Femur Axial Force	Pass	Pass	Fail
Right Femur Axial Force	Pass	Pass	Fail
Driver	Fail	Fail	Fail

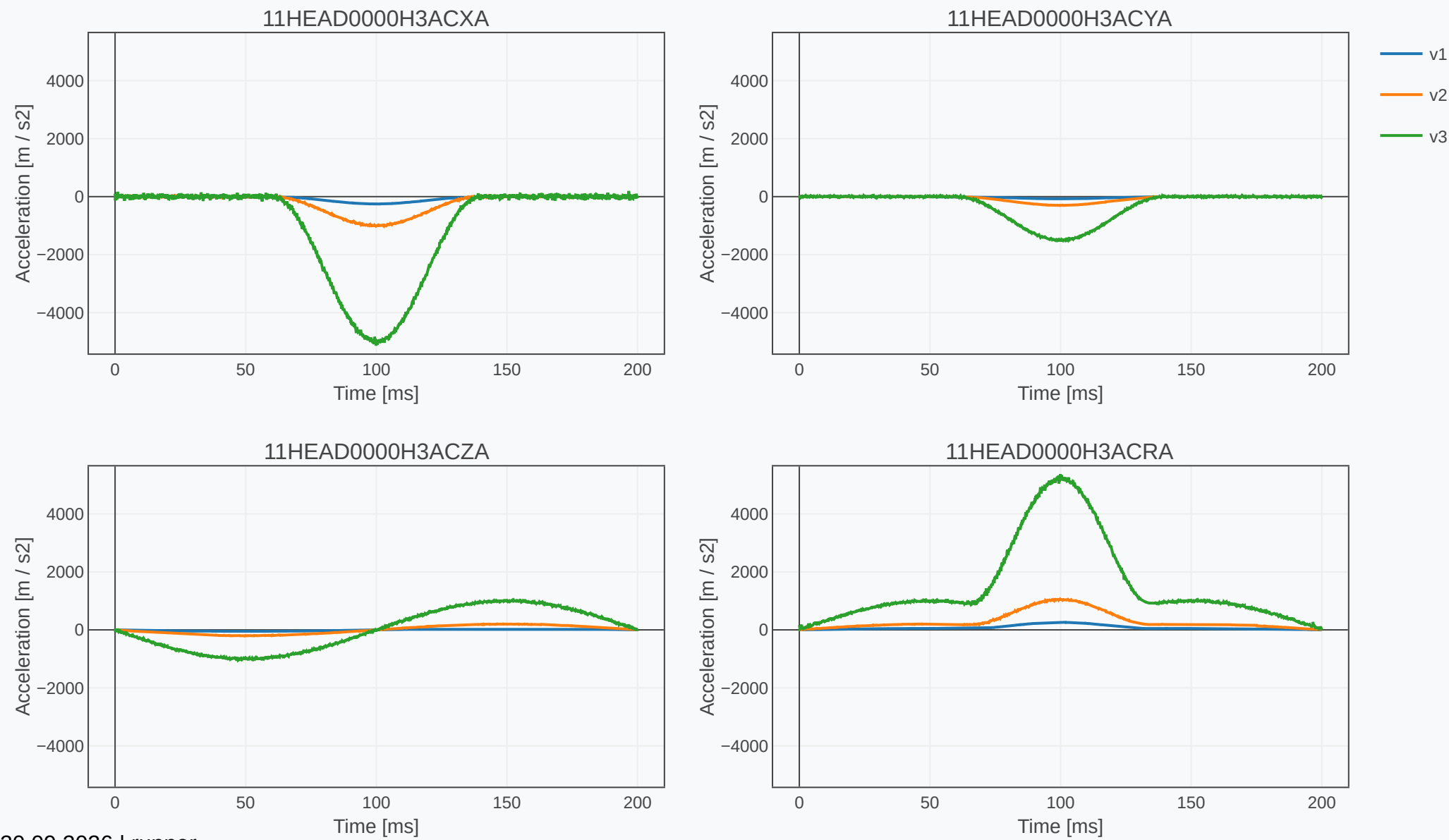
Driver Result Values



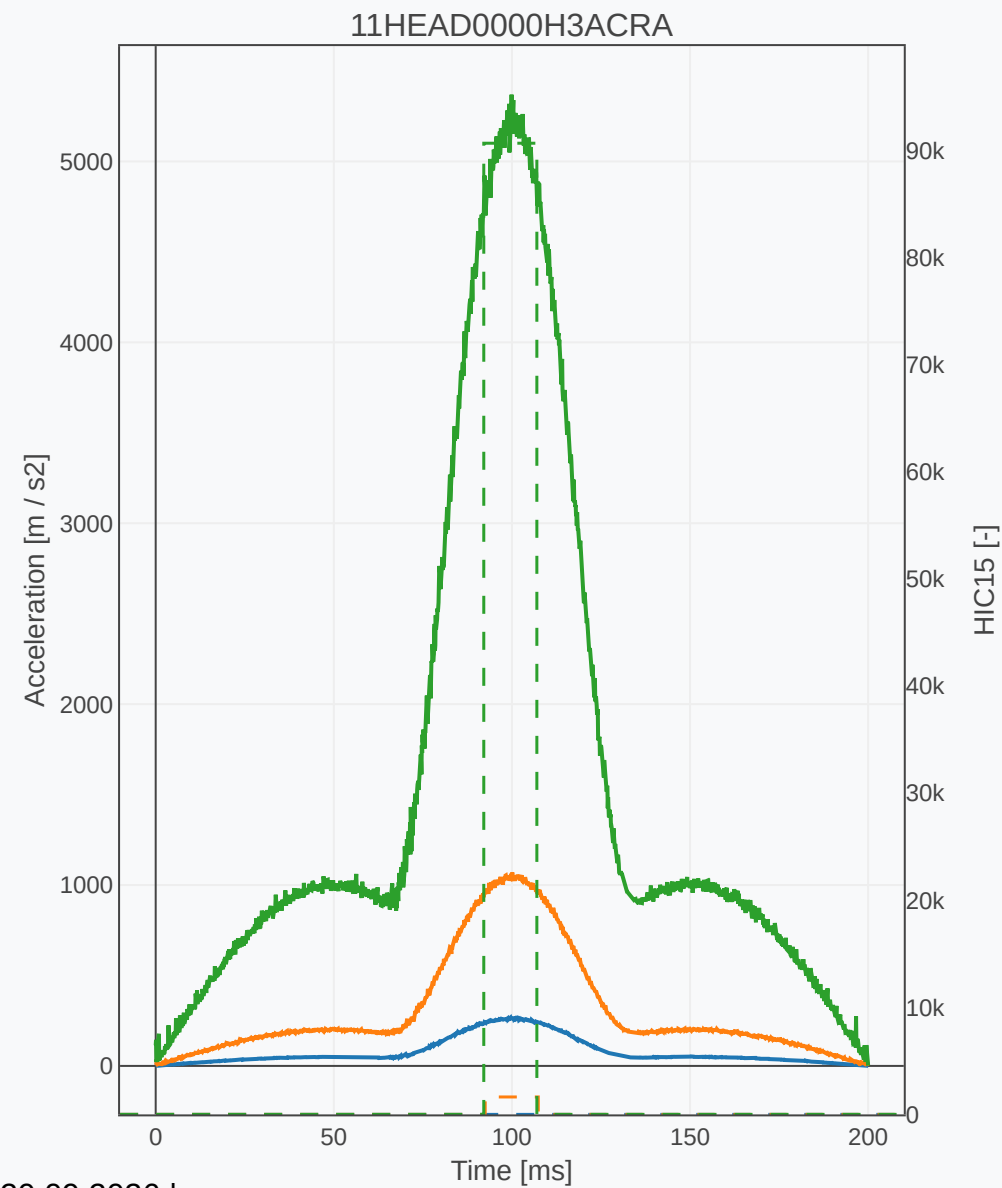
Driver Values

	v1	v2	v3
HIC 15 []	50.89	1626	9.067e+04
Chest a3ms [g0]	5.099	20.39	102
Chest Deflection [mm]	-15.02	-60.07	-300.4
Nij []	0.09364	0.3746	1.873
Neck Tension Force [N]	600	2400	1.2e+04
Neck Compression Force [N]	-0.004494	-0.01797	-0.08987
Left Femur Axial Force [N]	-580.2	-2321	-1.16e+04
Right Femur Axial Force [N]	-580.2	-2321	-1.16e+04

Driver Head Acceleration



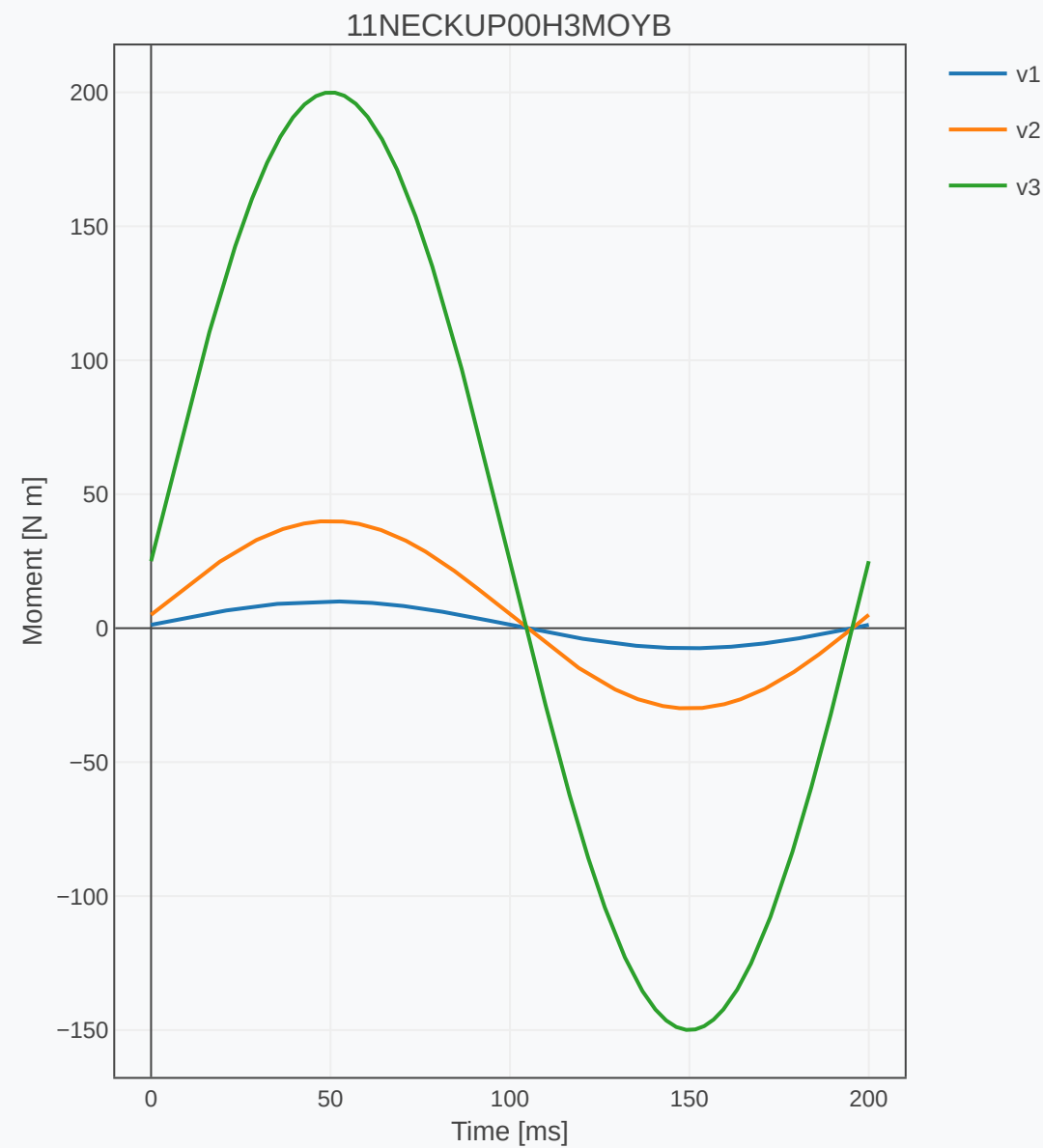
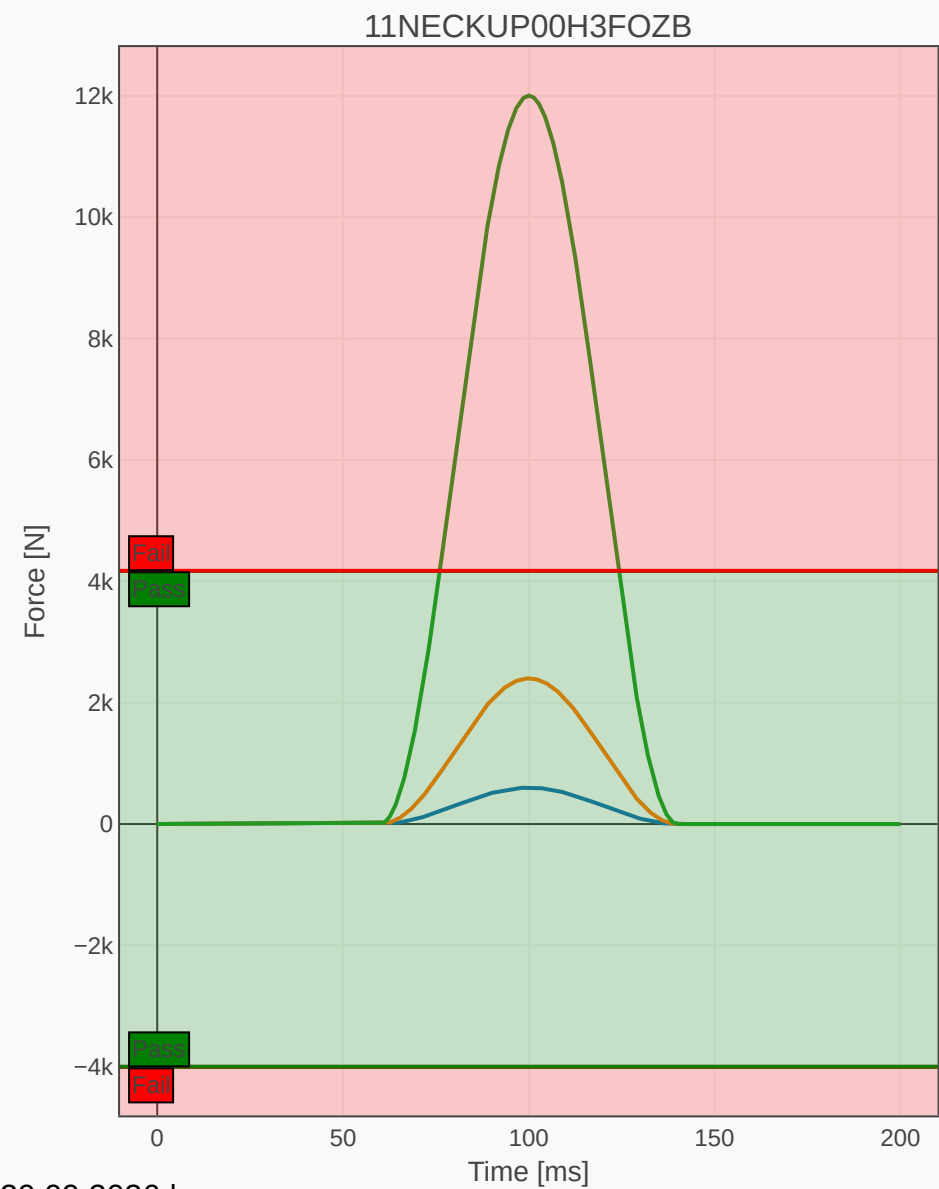
Driver HIC15



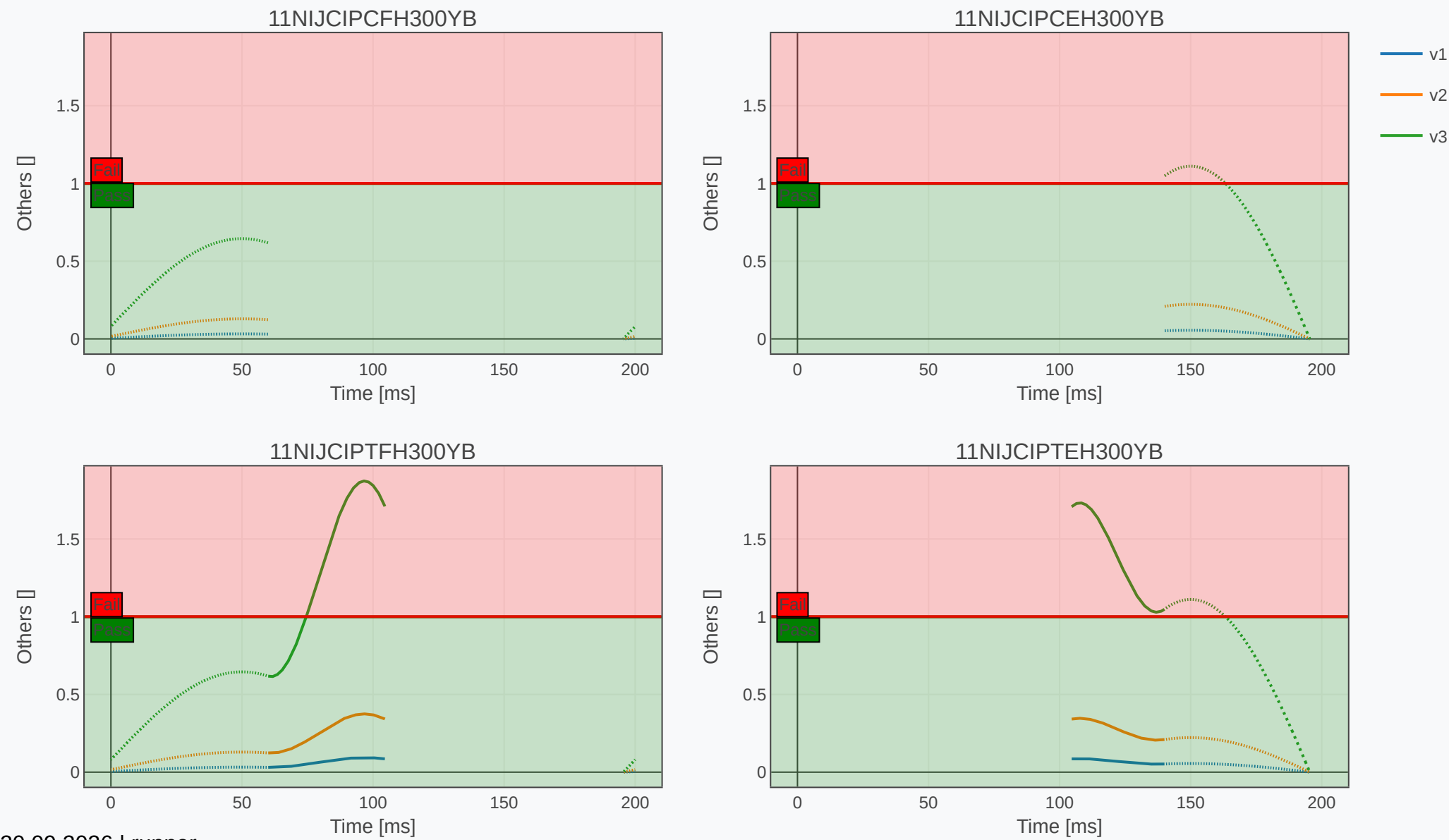
	HIC15	Start [ms]	End [ms]
v1	50.9	92.80	107.70
v2	1626.5	92.50	107.40
v3	90670.2	92.10	107.00

- v1
- v2
- v3
- v1 HIC15
- v2 HIC15
- v3 HIC15

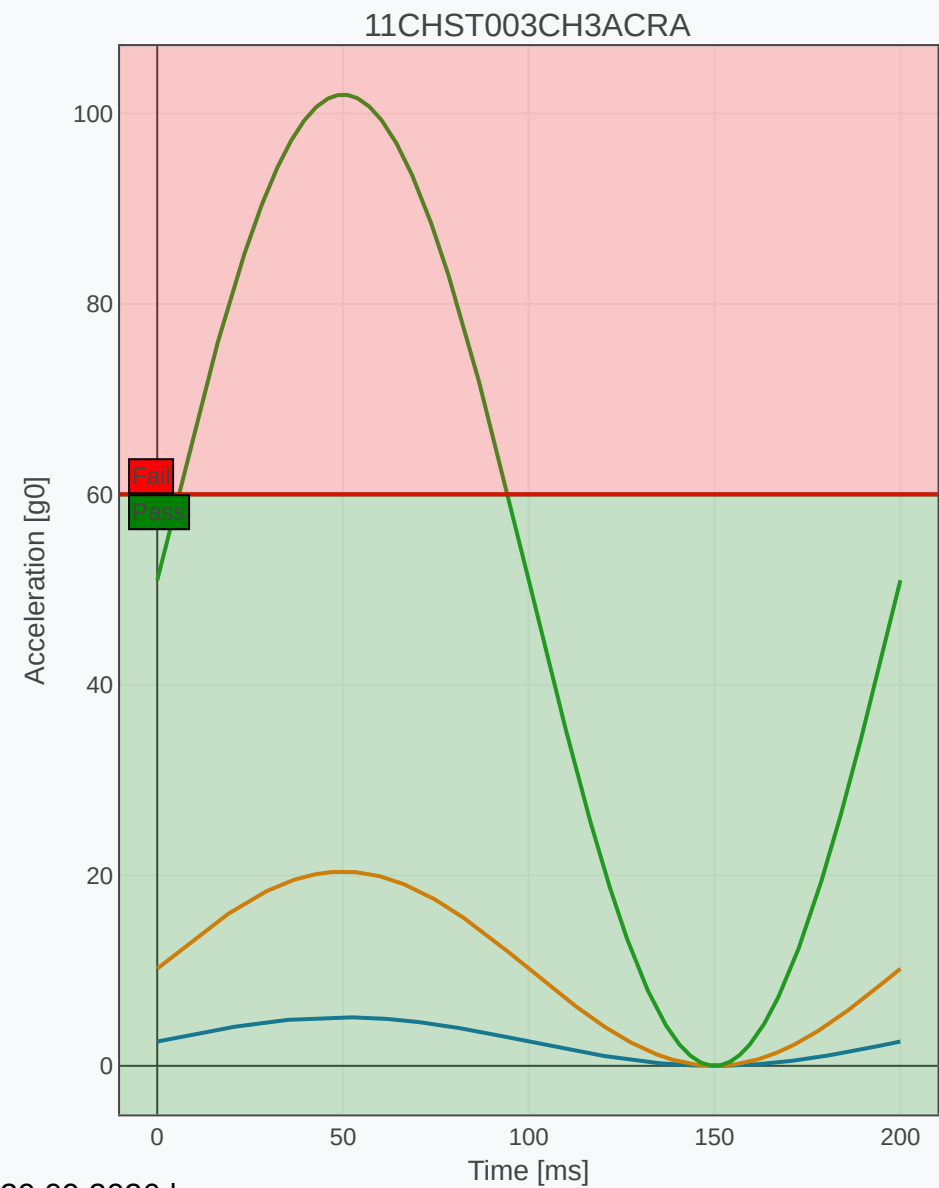
Driver Neck Load



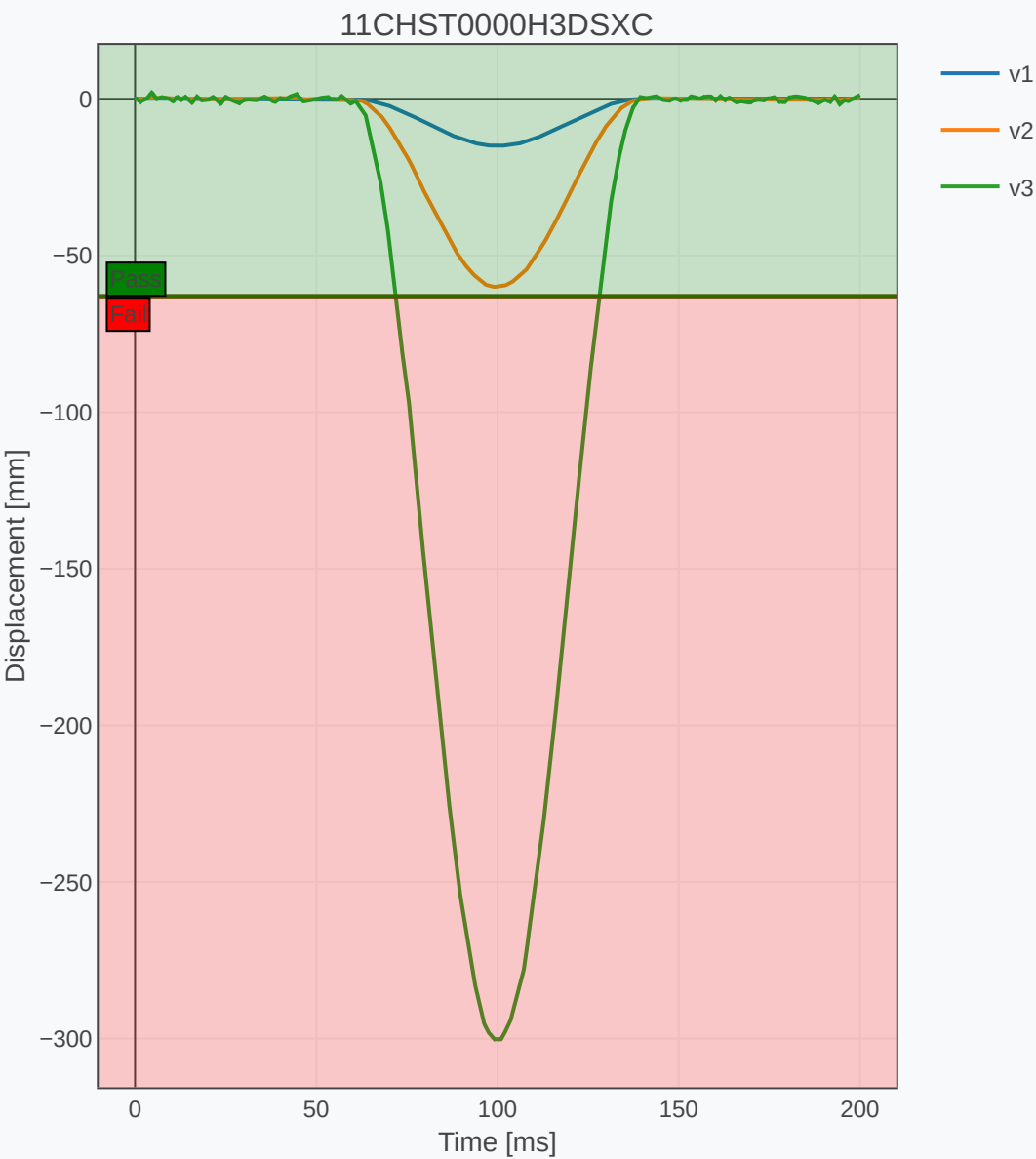
Driver Neck NIJ



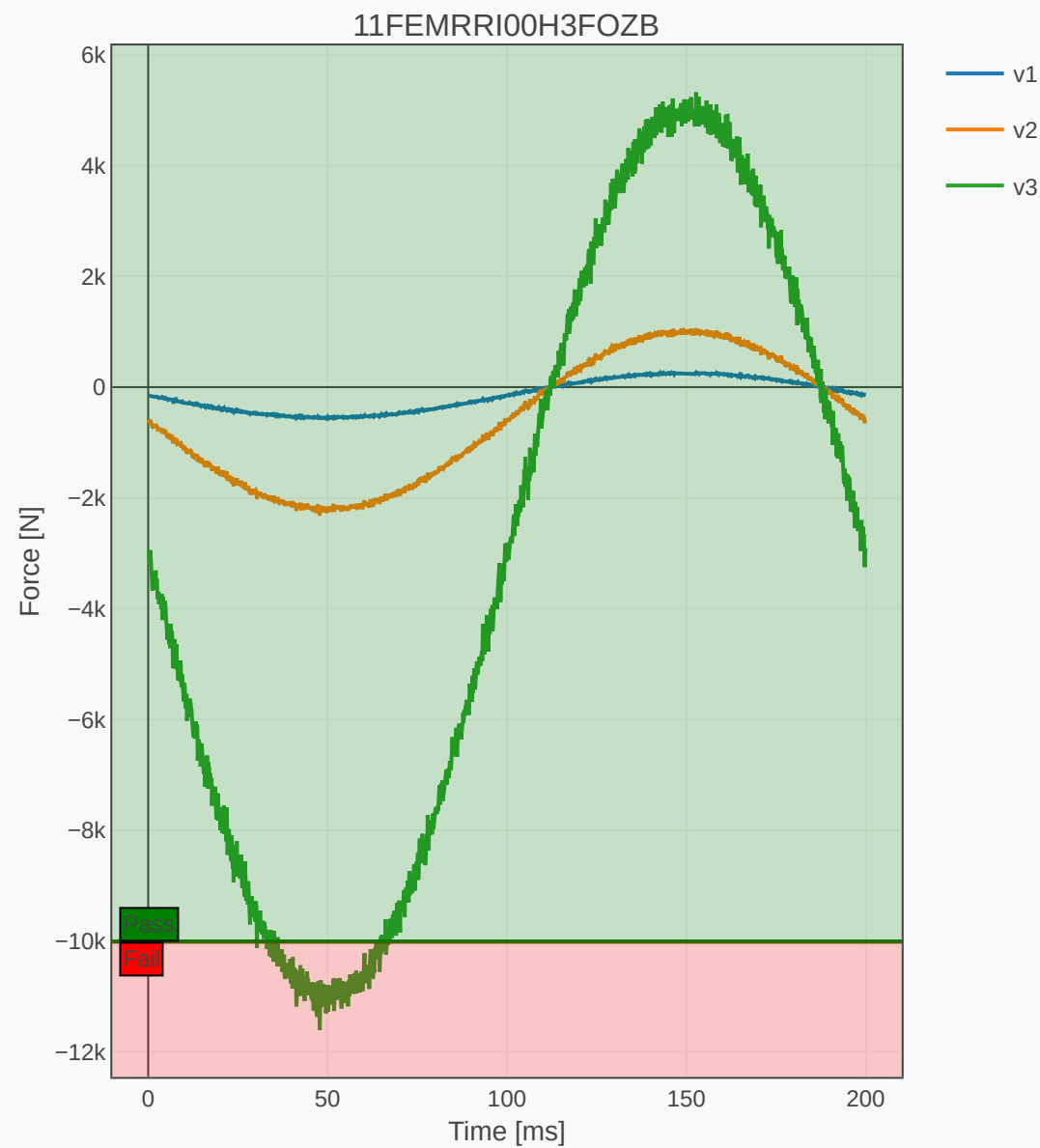
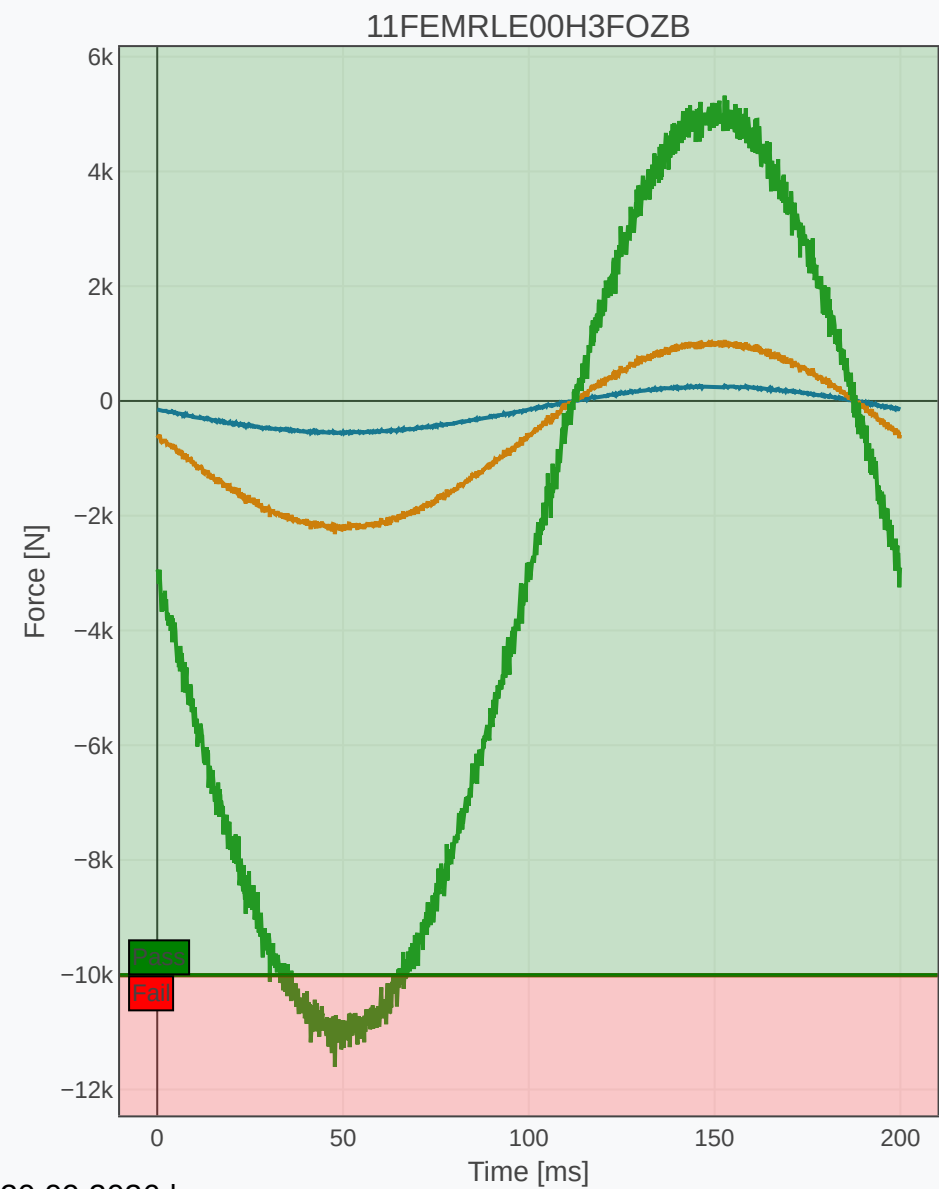
Driver Chest



20.09.2026 | runner



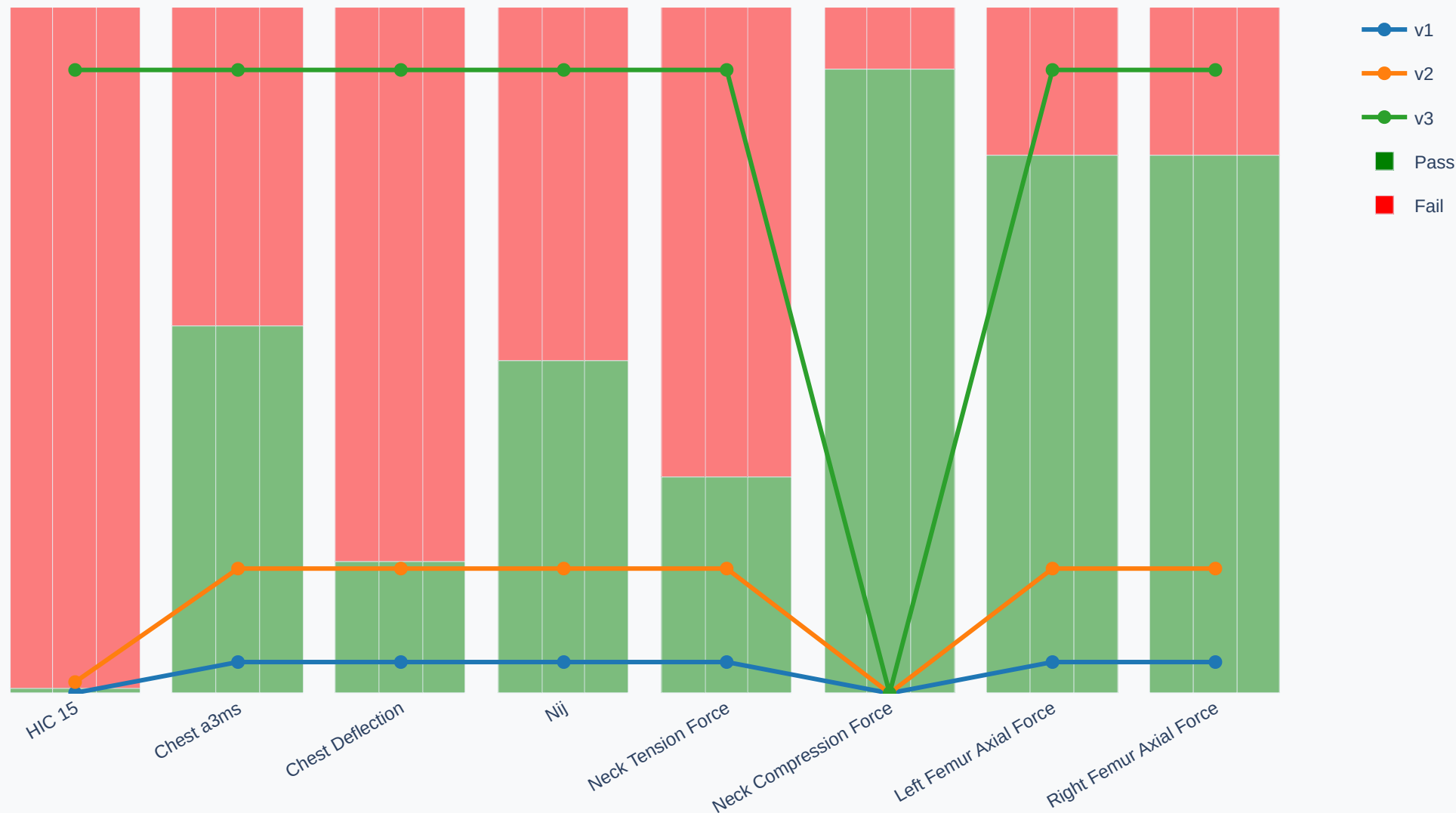
Driver Femur Axial Force



Front Passenger Compliance

	v1	v2	v3
Dummy Containment	Fail	Fail	Fail
HIC 15	Pass	Fail	Fail
Chest a3ms	Pass	Pass	Fail
Chest Deflection	Pass	Pass	Fail
Nij	Pass	Pass	Fail
Neck Tension Force	Pass	Pass	Fail
Neck Compression Force	Pass	Pass	Pass
Left Femur Axial Force	Pass	Pass	Fail
Right Femur Axial Force	Pass	Pass	Fail
Front Passenger	Fail	Fail	Fail

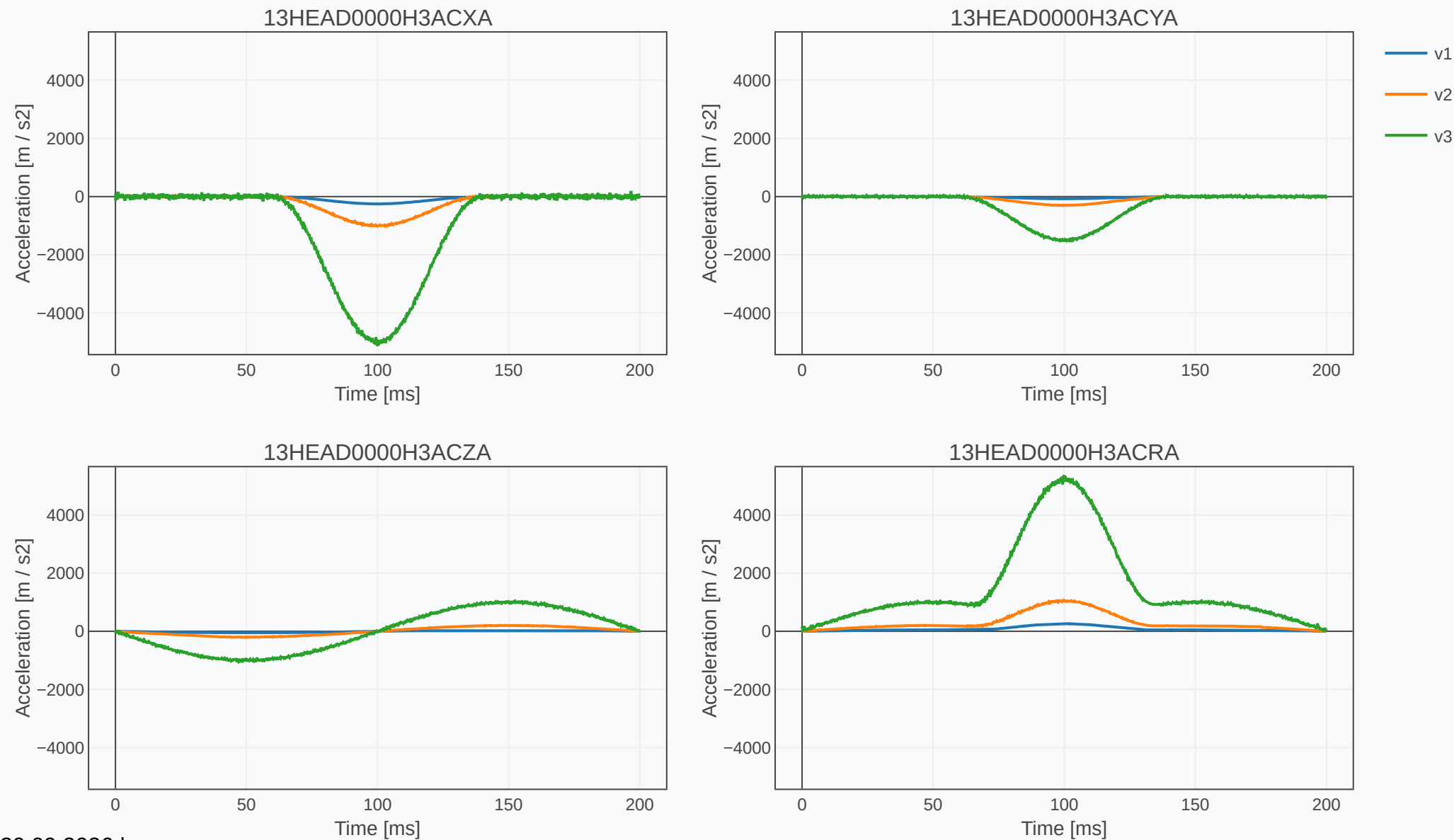
Front Passenger Result Values



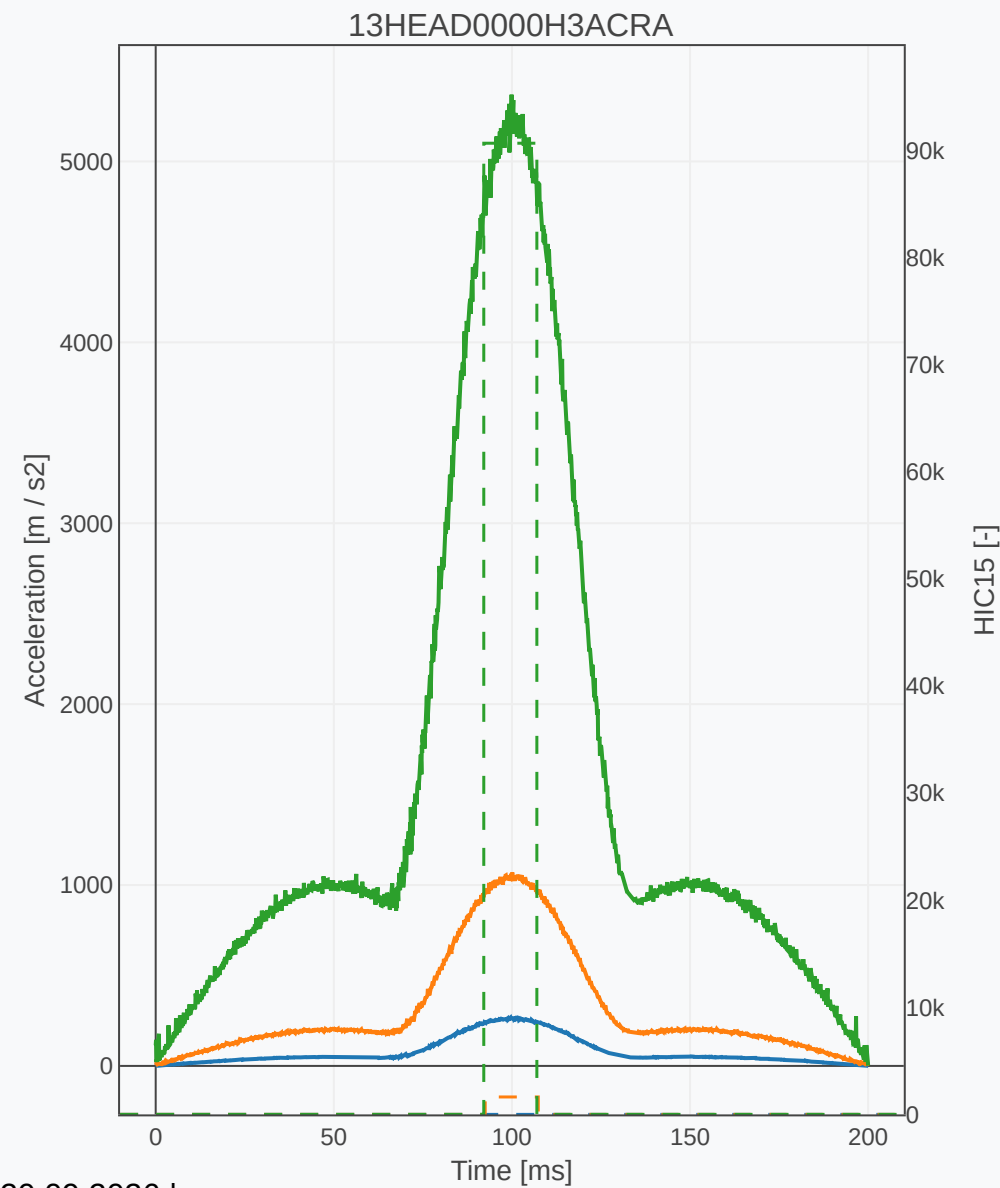
Front Passenger Values

	v1	v2	v3
HIC 15 []	50.89	1626	9.067e+04
Chest a3ms [g0]	5.099	20.39	102
Chest Deflection [mm]	-15.02	-60.07	-300.4
Nij []	0.09364	0.3746	1.873
Neck Tension Force [N]	600	2400	1.2e+04
Neck Compression Force [N]	-0.004494	-0.01797	-0.08987
Left Femur Axial Force [N]	-580.2	-2321	-1.16e+04
Right Femur Axial Force [N]	-580.2	-2321	-1.16e+04

Front Passenger Head Acceleration



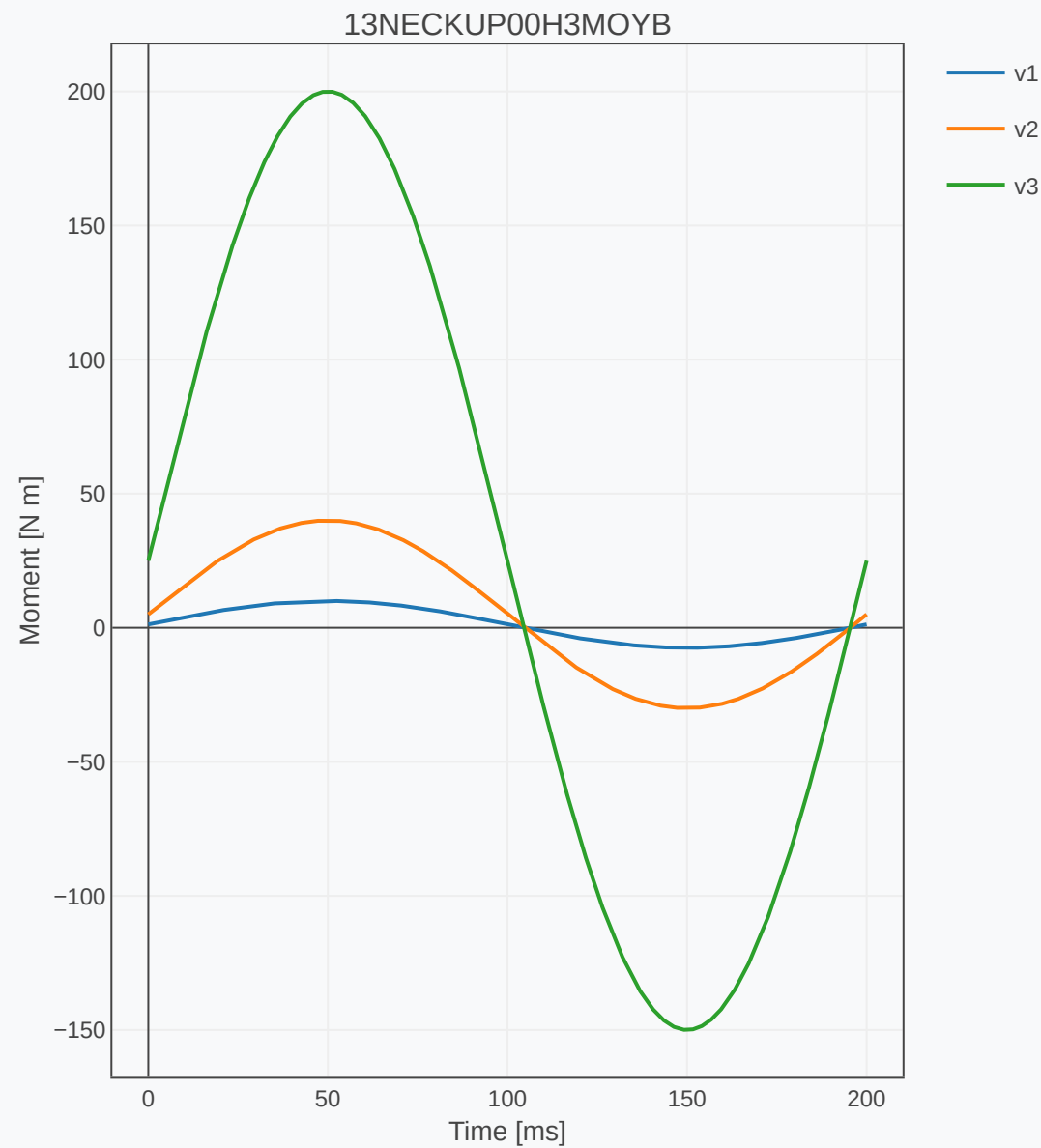
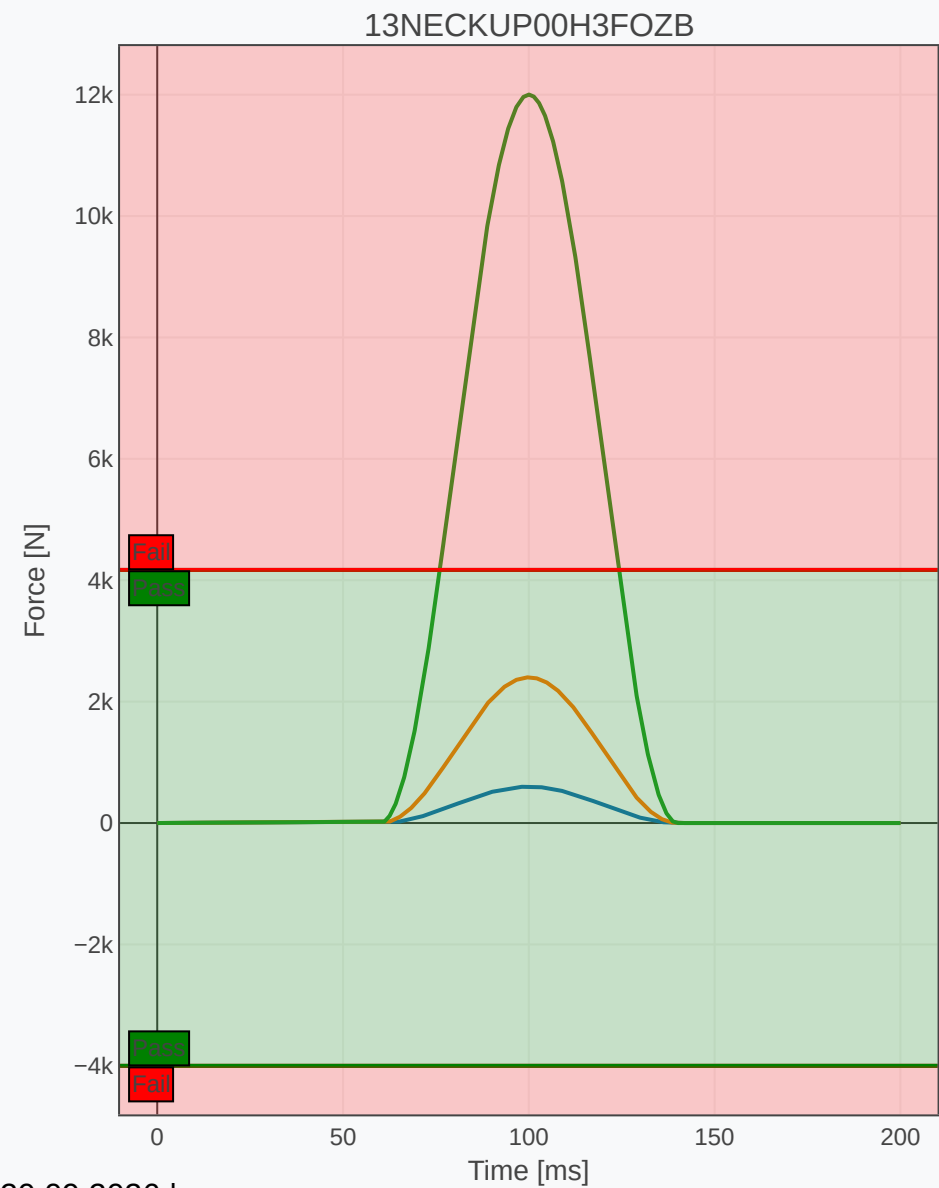
Front Passenger HIC15



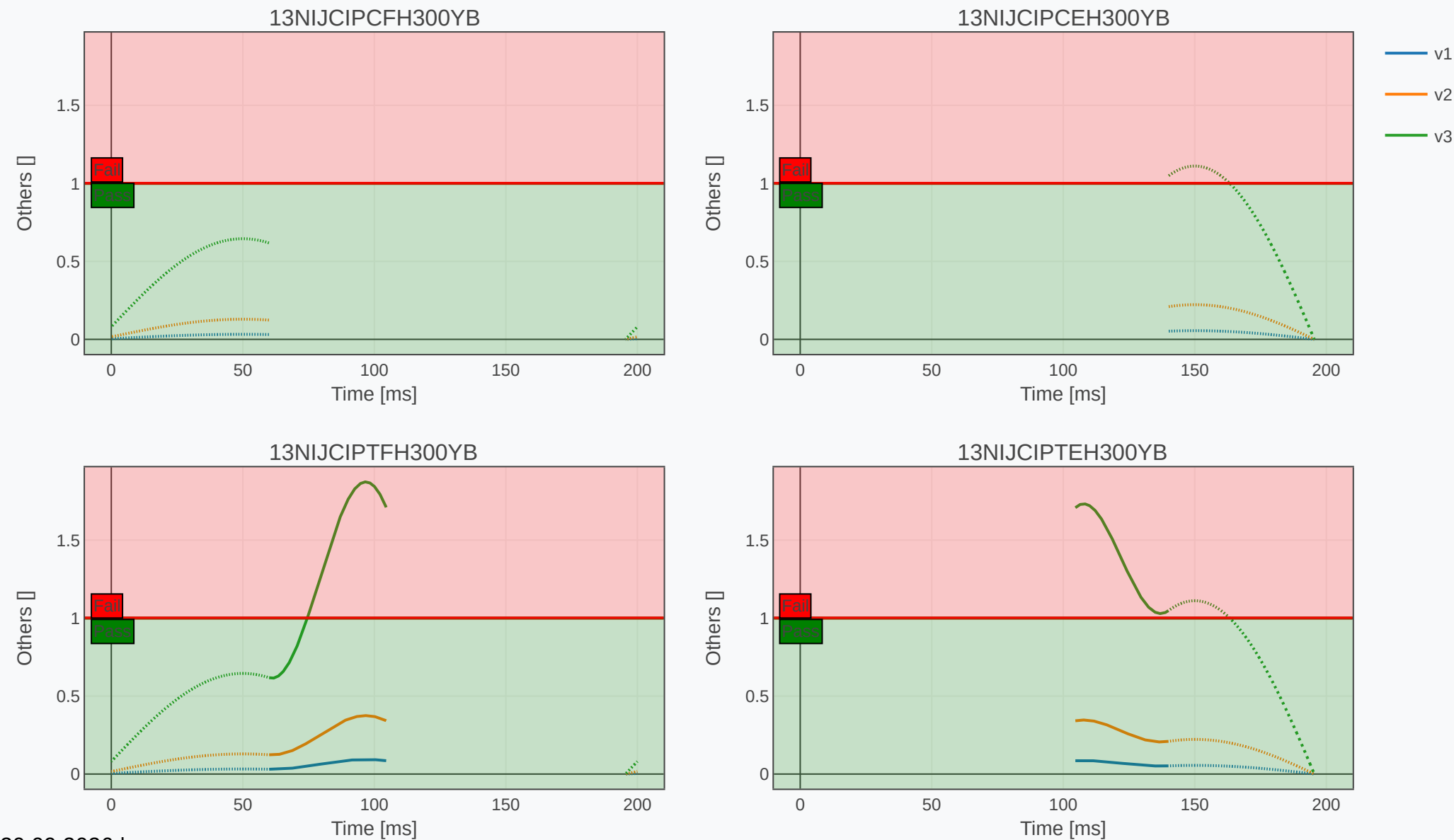
	HIC15	Start [ms]	End [ms]
v1	50.9	92.80	107.70
v2	1626.5	92.50	107.40
v3	90670.2	92.10	107.00

- v1
- v2
- v3
- v1 HIC15
- v2 HIC15
- v3 HIC15

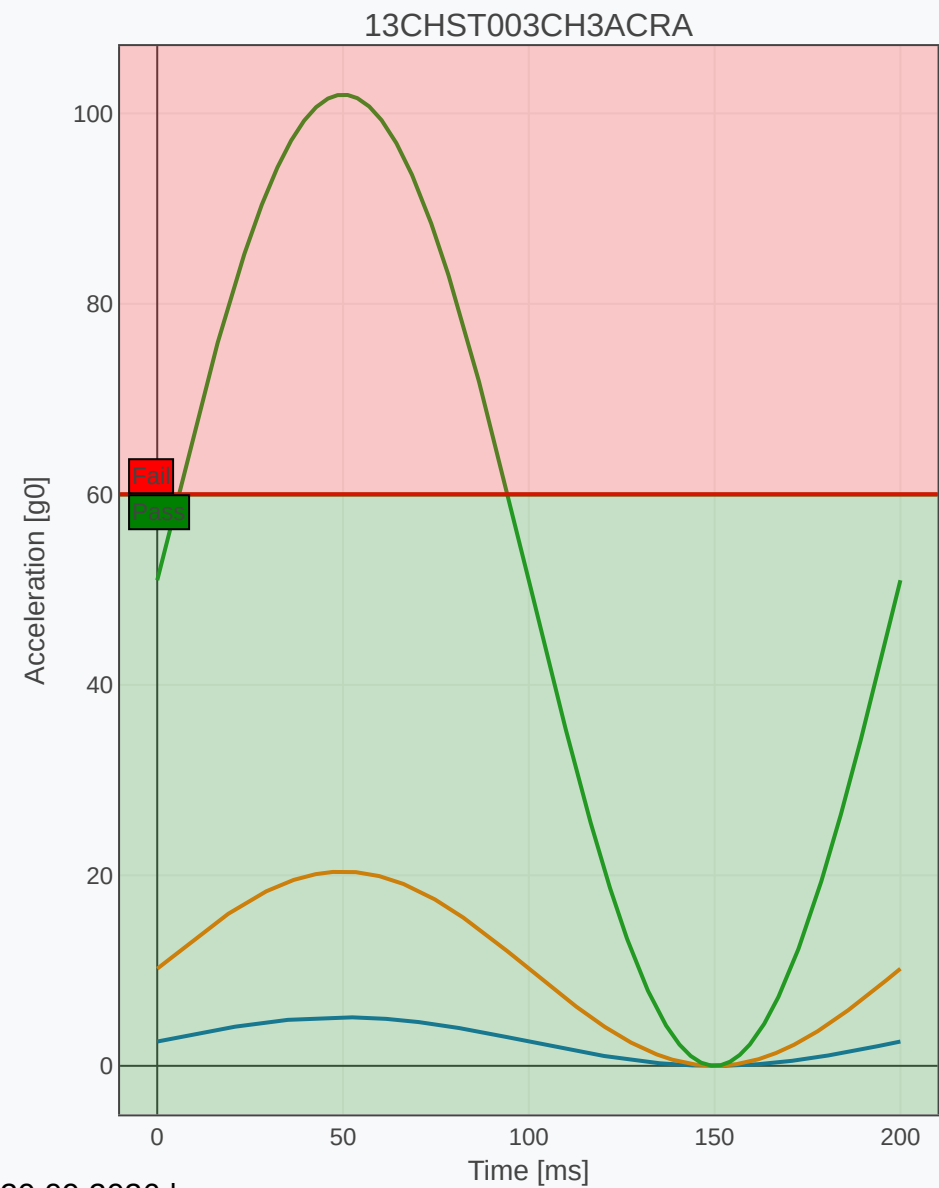
Front Passenger Neck Load



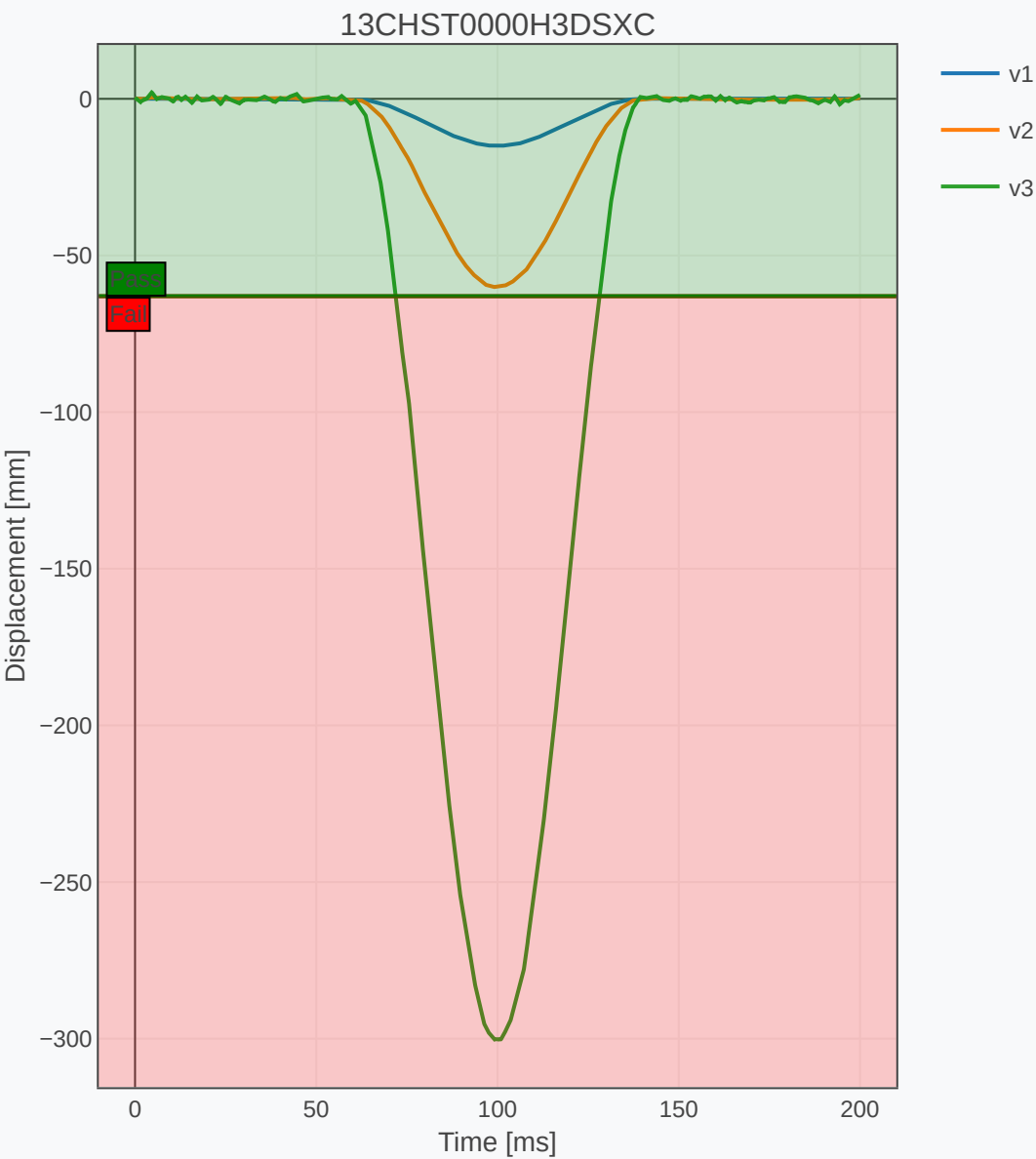
Front Passenger Neck NIJ



Front Passenger Chest



20.09.2026 | runner



Front Passenger Femur Axial Force

