

Do you need help with interpreting the plots? See here.

PX4 Quadrotor

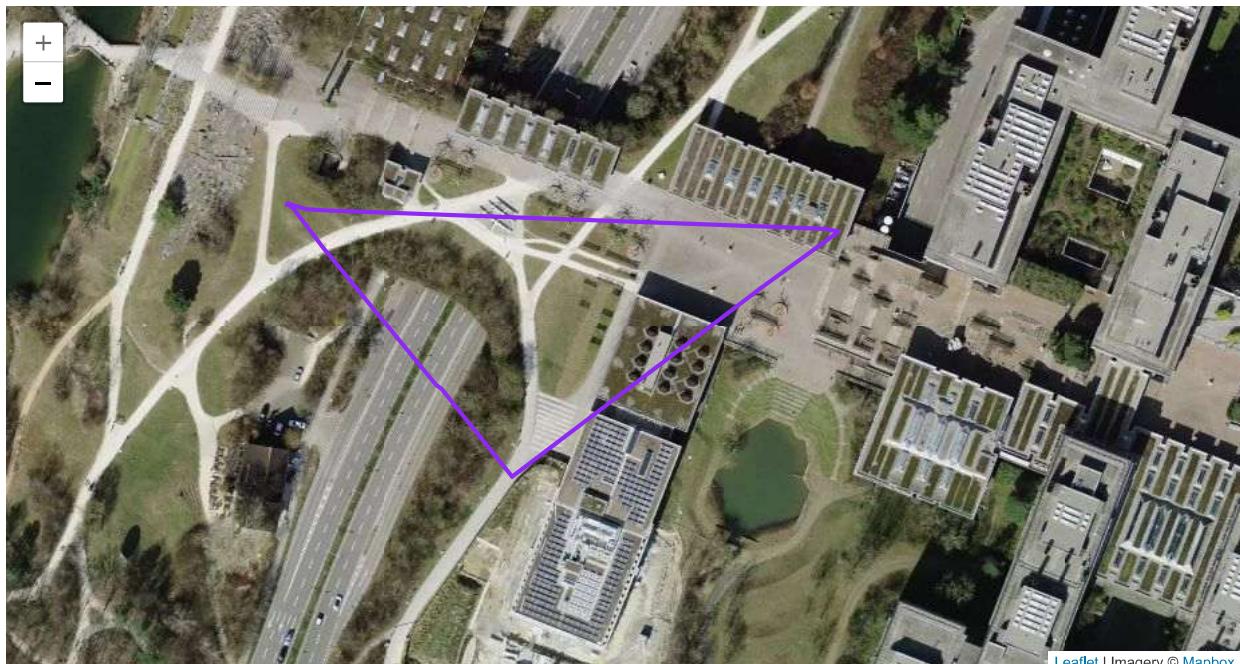
05/12/2024

[Open 3D View](#)

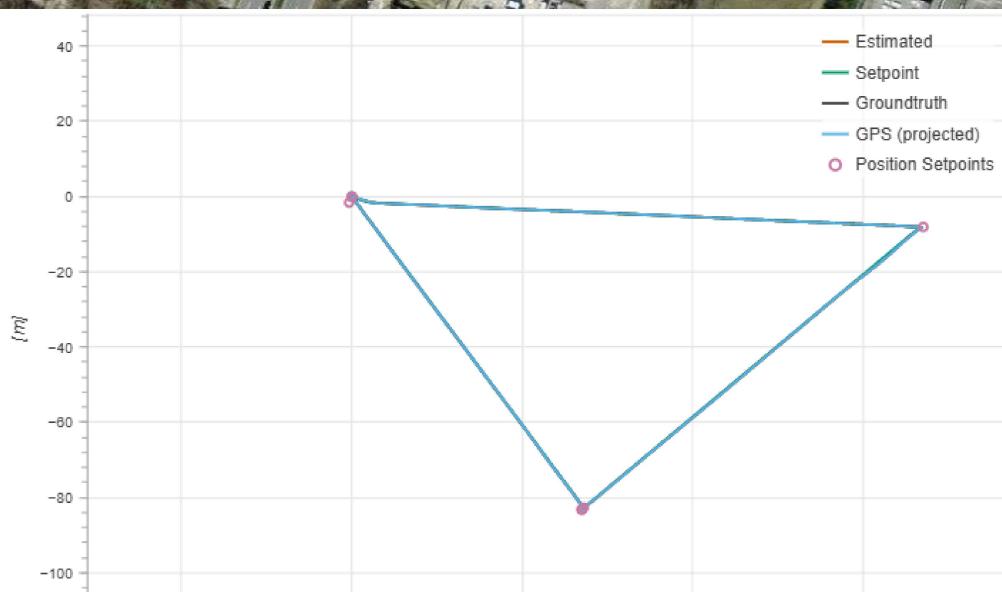
[Open PID Analysis](#)

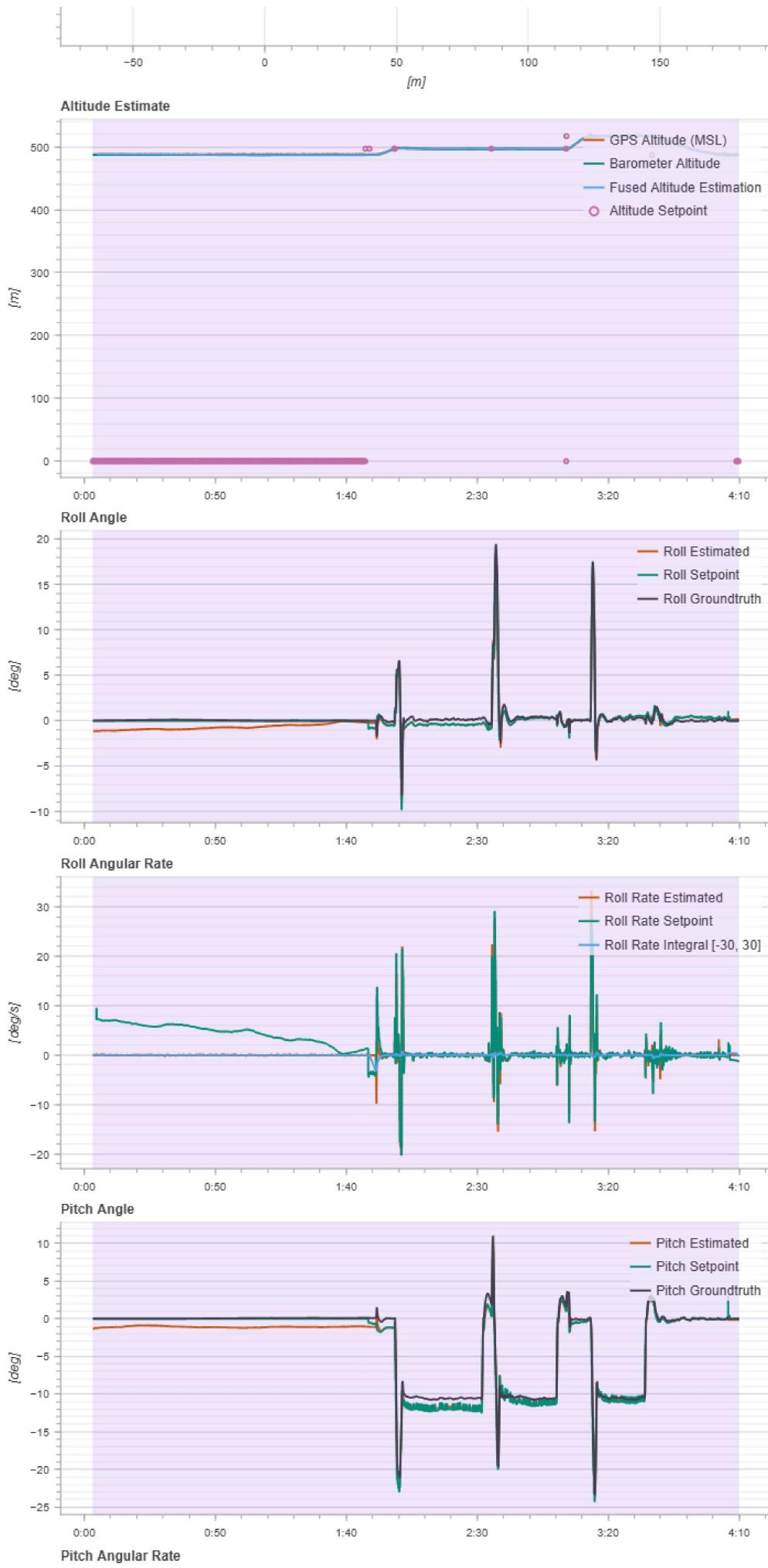
Airframe:	10015	Distance:	470.6 m
Hardware:	PX4_SITL	Max Altitude Difference:	32 m
Software Version:	v1.16.0 (alpha) (814b2439) branch: main	Average Speed:	7.2 km/h
OS Version:	Linux, v5.15.167	Max Speed:	18.0 km/h
Estimator:	EKF2	Max Speed Horizontal:	18.0 km/h
Logging Start ?:	05-12-2024 23:36	Max Speed Up:	10.6 km/h
Logging Duration:	0:04:06	Max Speed Down:	6.5 km/h
Vehicle Life	0 seconds	Max Tilt Angle:	24.6 deg
Flight Time:			

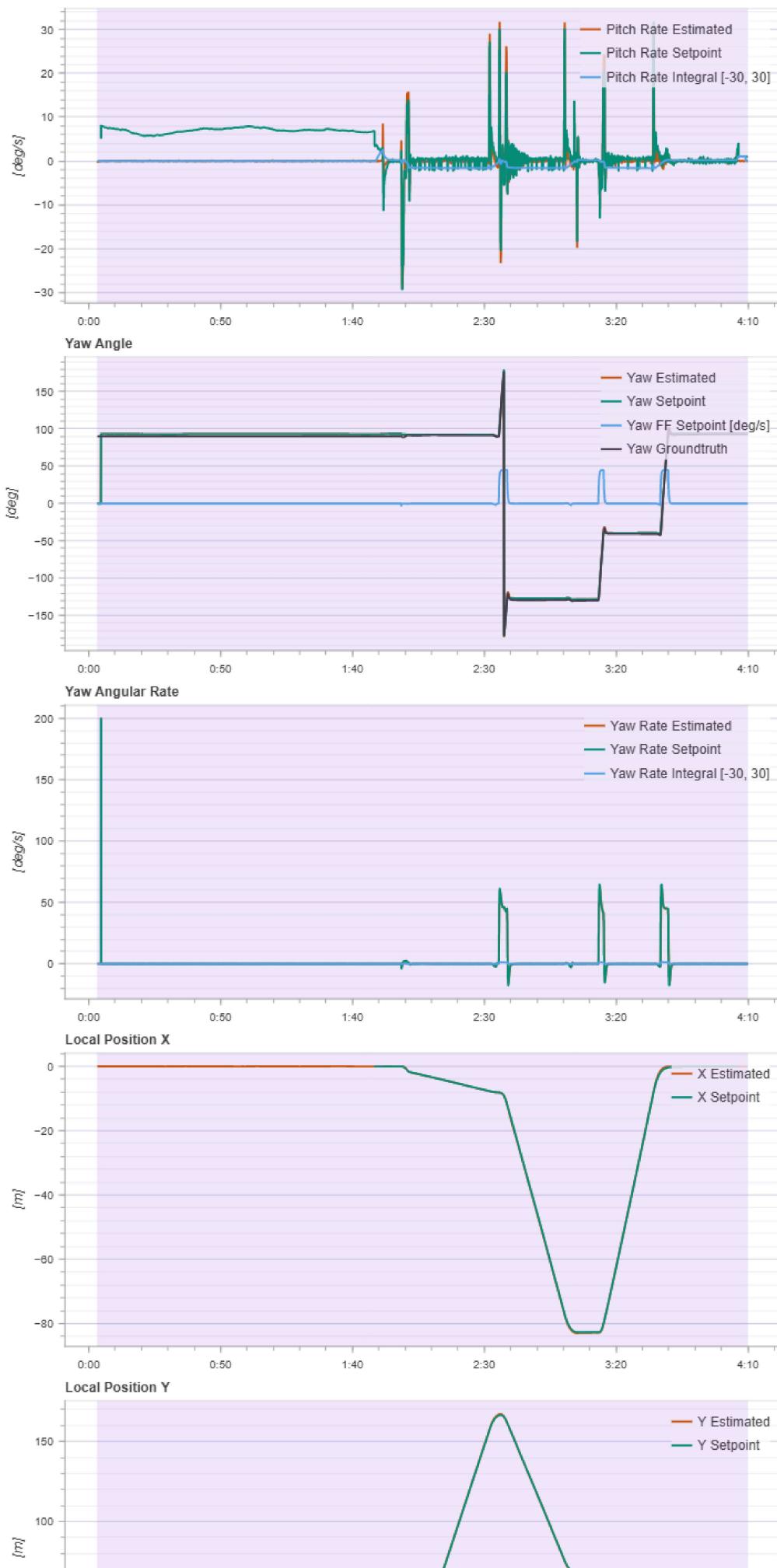
Add a detected error...

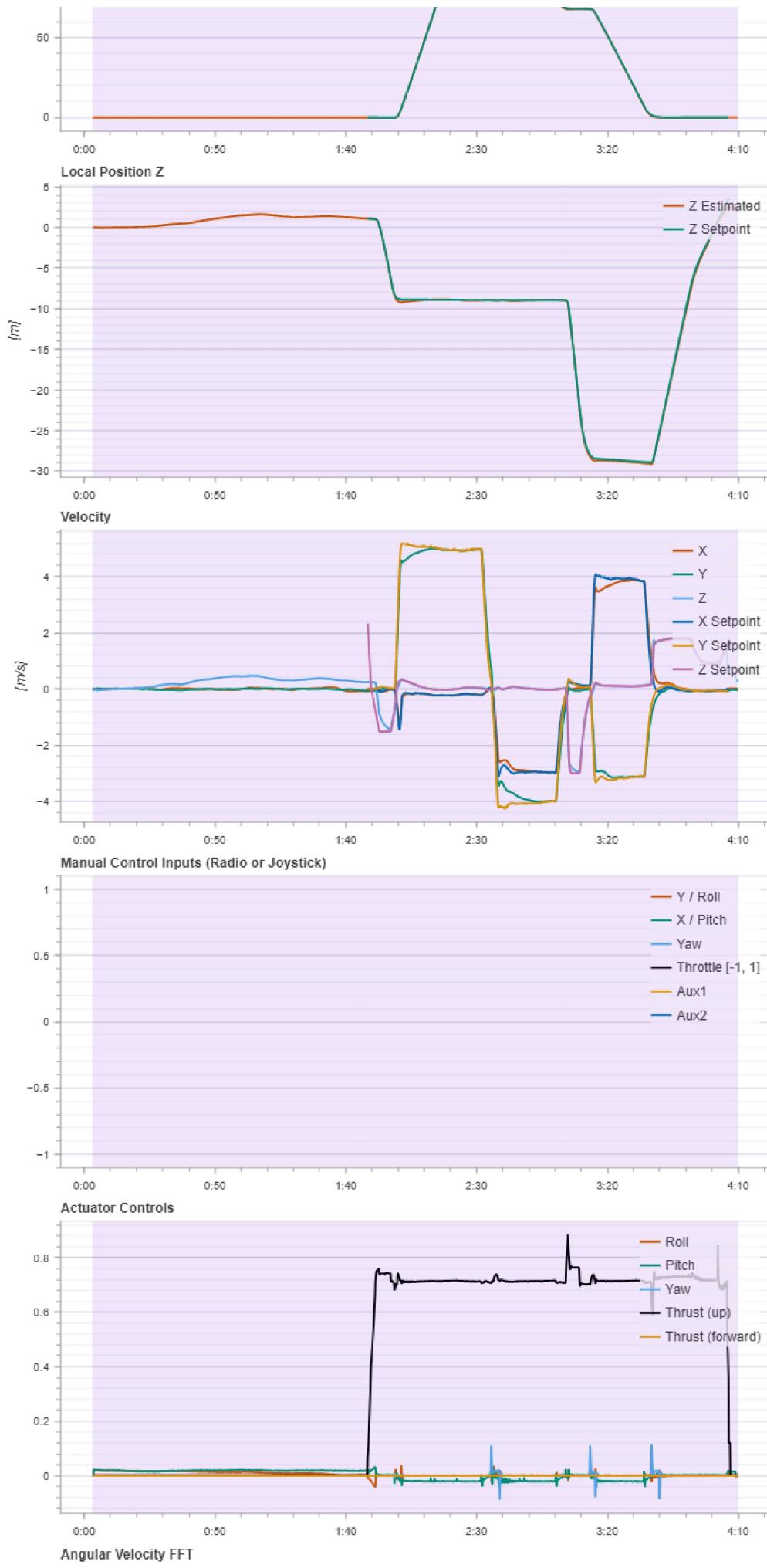


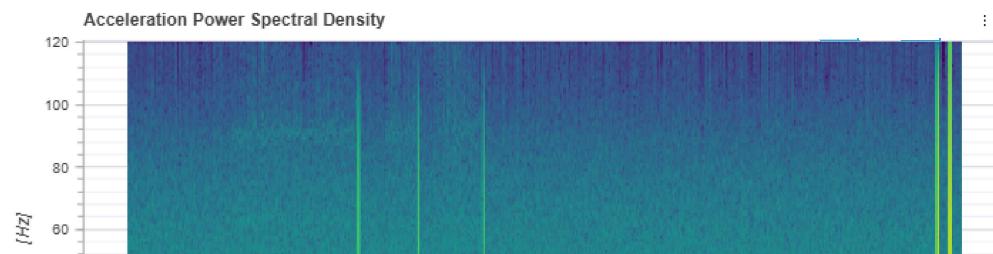
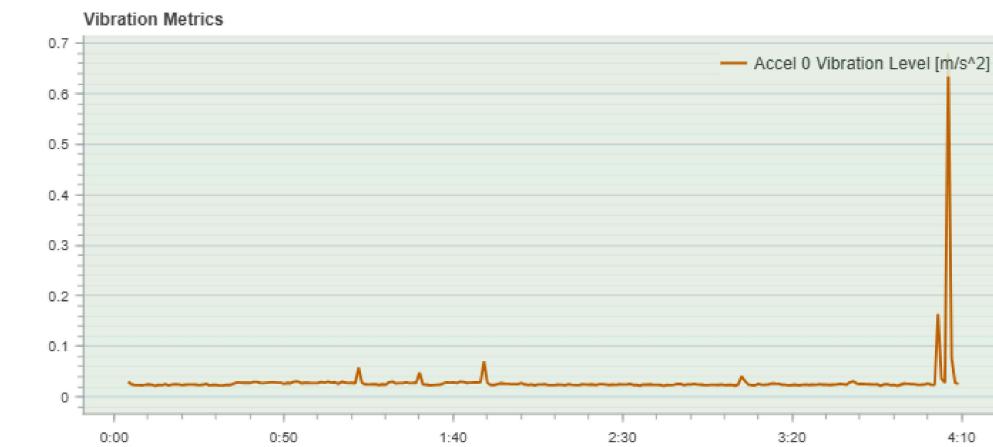
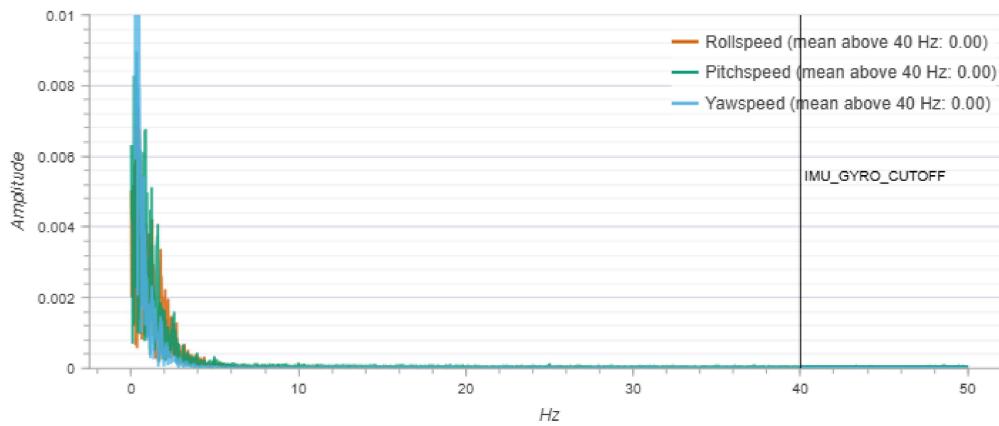
Leaflet | Imagery © Mapbox

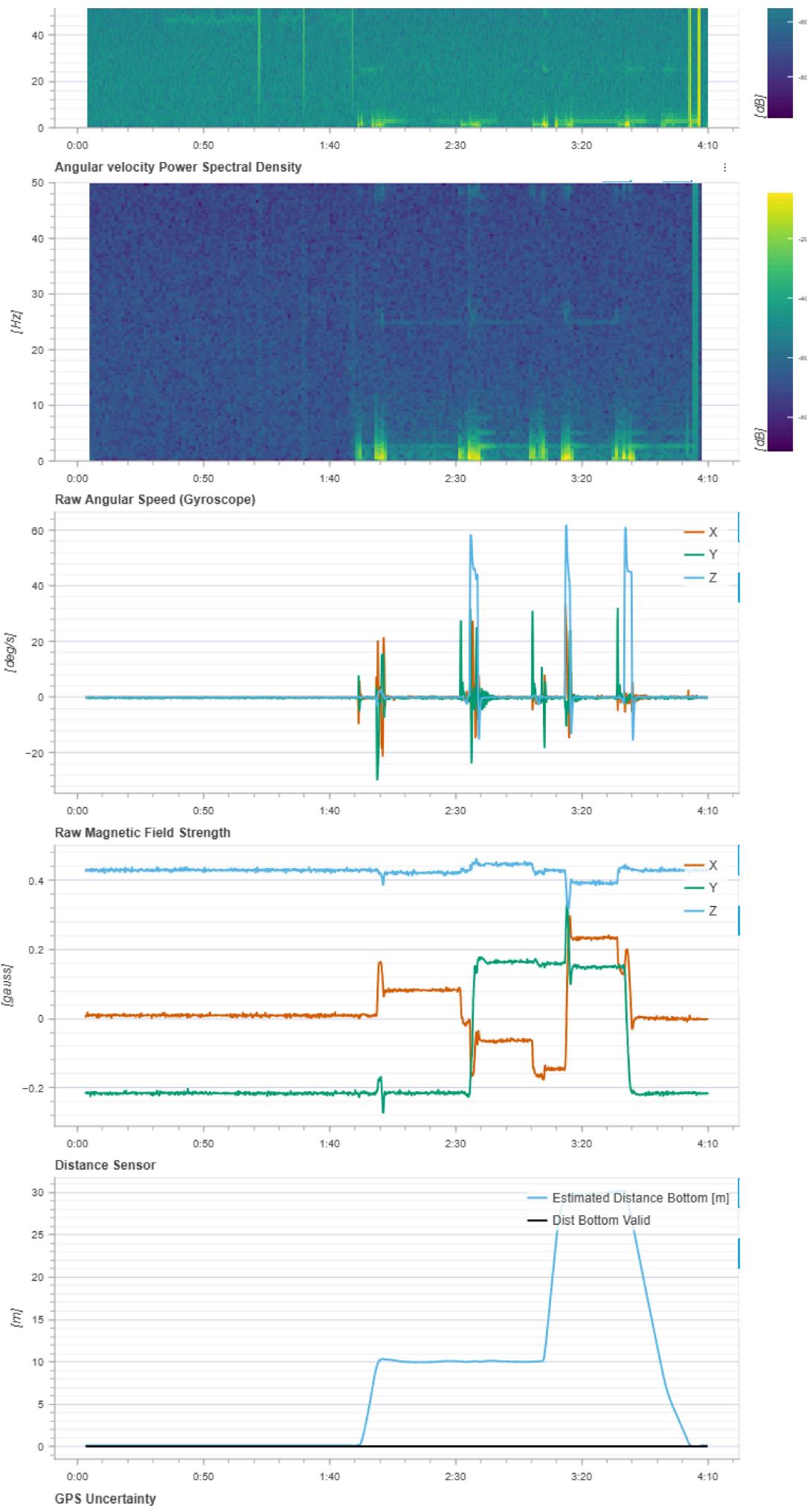


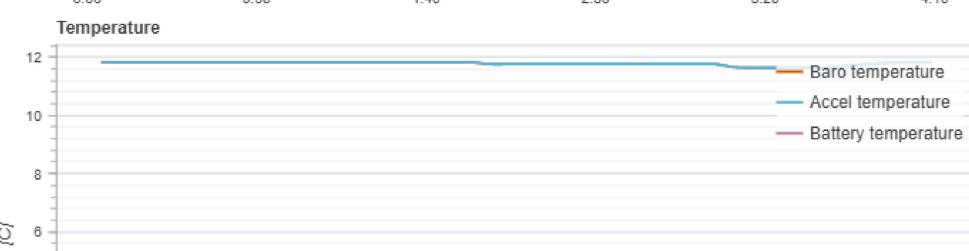
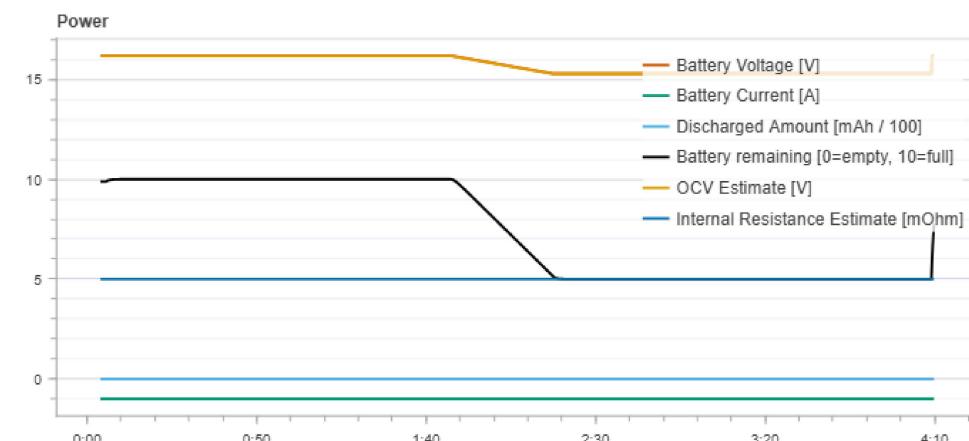
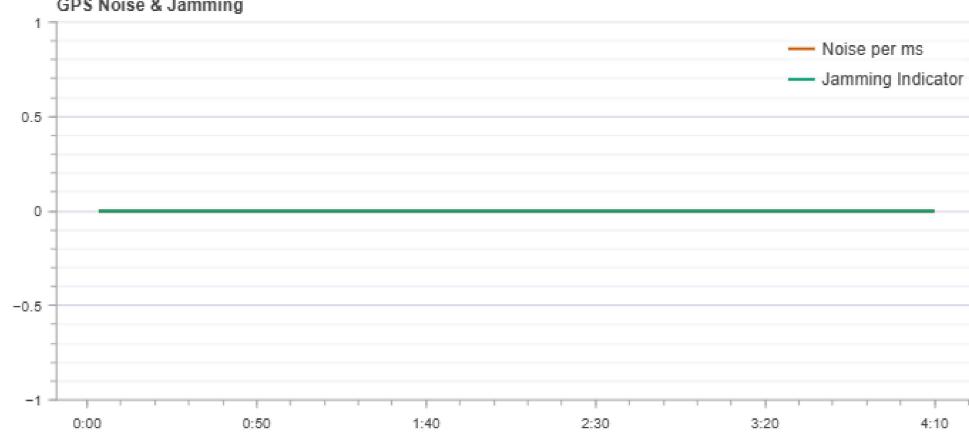
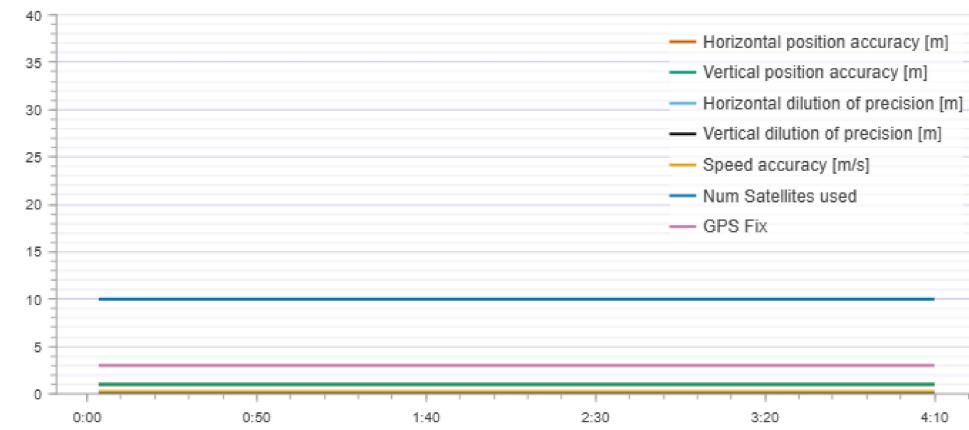


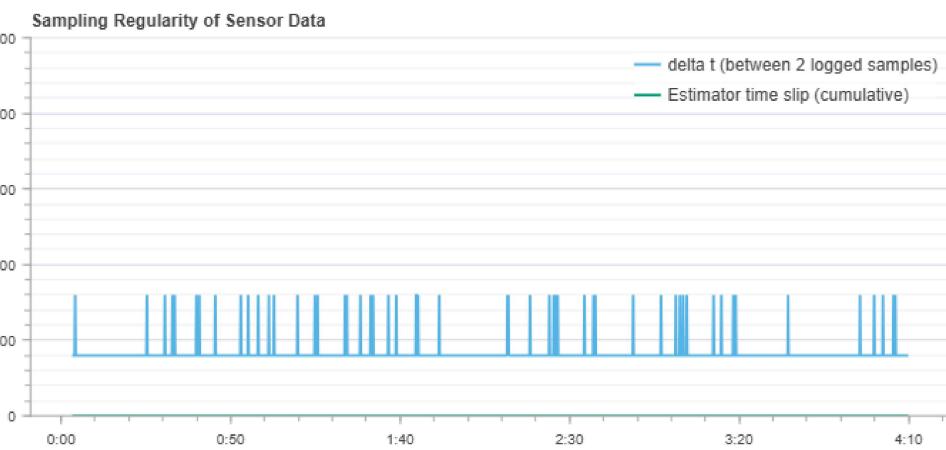
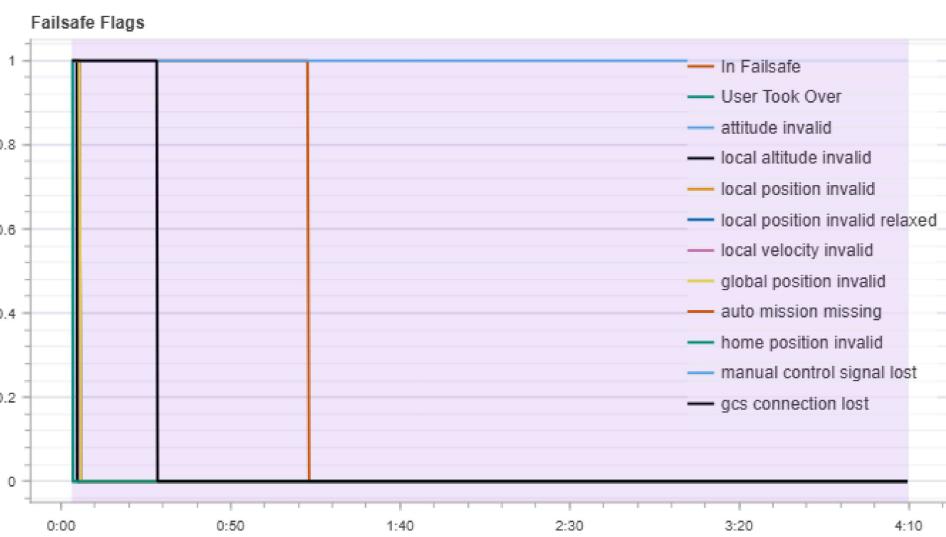
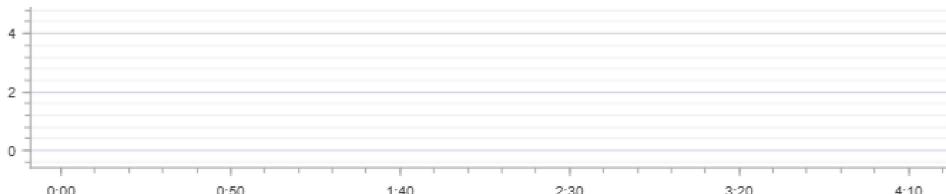












Non-default Parameters (except RC and sensor calibration)

#	Name	Value	Frame Default	Min	Max	Description
0	BAT1_N_CELLS	4	4			Number of cells for battery 1
1	CA_ROTOR0_PX	0.15	0.15	-100	100	Position of rotor 0 along X body axis relative to center of mass
2	CA_ROTOR0_PY	0.25	0.25	-100	100	Position of rotor 0 along Y body axis relative to center of mass
3	CA_ROTOR1_PX	-0.15	-0.15	-100	100	Position of rotor 1 along X body axis relative to center of mass
4	CA_ROTOR1_PY	-0.19	-0.19	-100	100	Position of rotor 1 along Y body axis relative to center of mass
5	CA_ROTOR2_KM	-0.05	-0.05	-1	1	Moment coefficient of rotor 2
6	CA_ROTOR2_PX	0.15	0.15	-100	100	Position of rotor 2 along X body axis relative to center of mass
7	CA_ROTOR2_PY	-0.25	-0.25	-100	100	Position of rotor 2 along Y body axis relative to center of mass
8	CA_ROTOR3_KM	-0.05	-0.05	-1	1	Moment coefficient of rotor 3

Logged Messages

#	Time	Level	Message
0	0:00:03	INFO	logging: opening log file 2024-12-5/16_36_13.ulg
1	0:00:03	INFO	[logger] Opened full log file: ./log/2024-12-05/16_36_13.ulg
2	0:00:03	INFO	[mavlink] MAVLink only on localhost (set param MAV_{i}_BROADCAST = 1 to enable network)
3	0:00:03	INFO	[mavlink] MAVLink only on localhost (set param MAV_{i}_BROADCAST = 1 to enable network)
4	0:00:03	INFO	[px4] Startup script returned successfully
5	0:00:03	INFO	[tone_alarm] home set
6	0:00:05	WARNING	[health_and_arming_checks] Preflight Fail: height estimate not stable
7	0:00:07	WARNING	[health_and_arming_checks] Preflight Fail: height estimate not stable
8	0:00:09	INFO	[commander] ☐[32mReady for takeoff!☐[0m
9	0:00:12	ERROR	[simulator_mavlink] poll timeout 0, 22

[Show additional Data](#)