

Do you need help with interpreting the plots? See [here](#).

PX4 Quadrotor

Open 3D View

Open PID Analysis

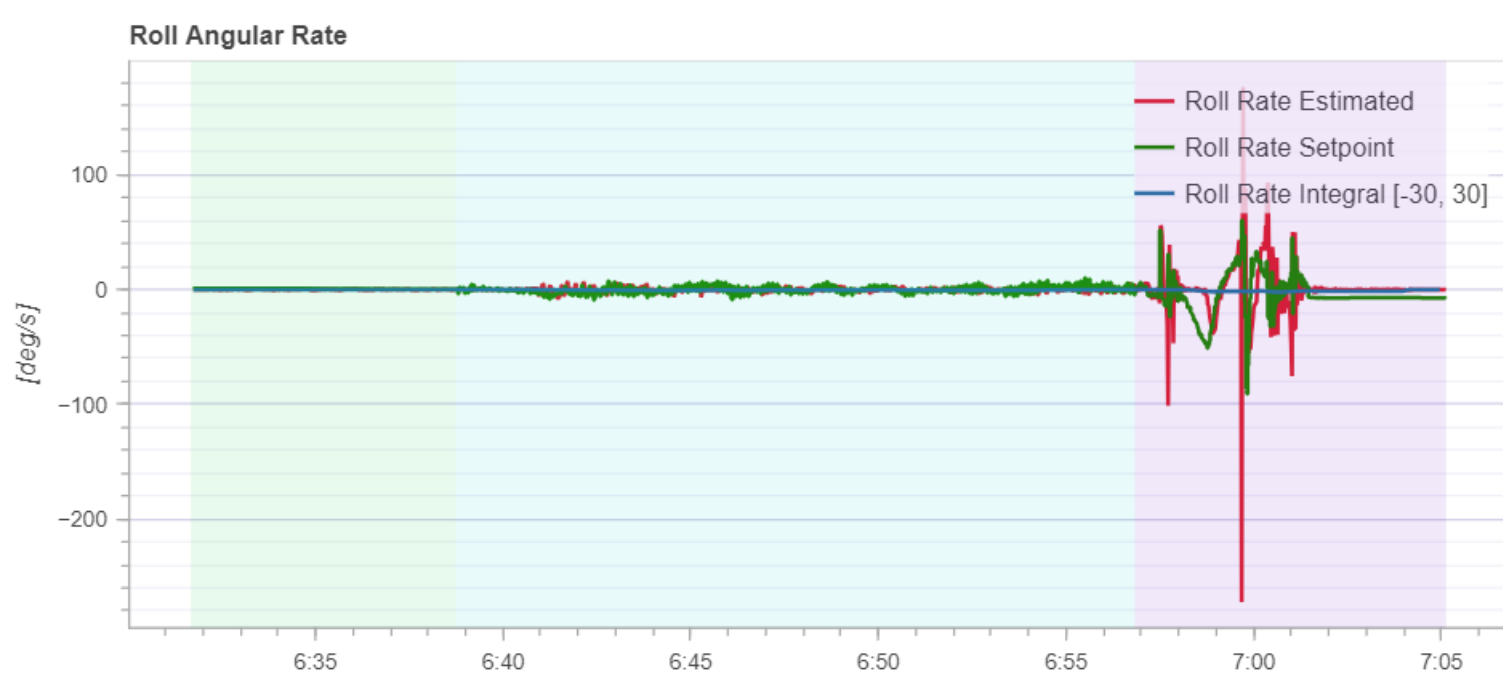
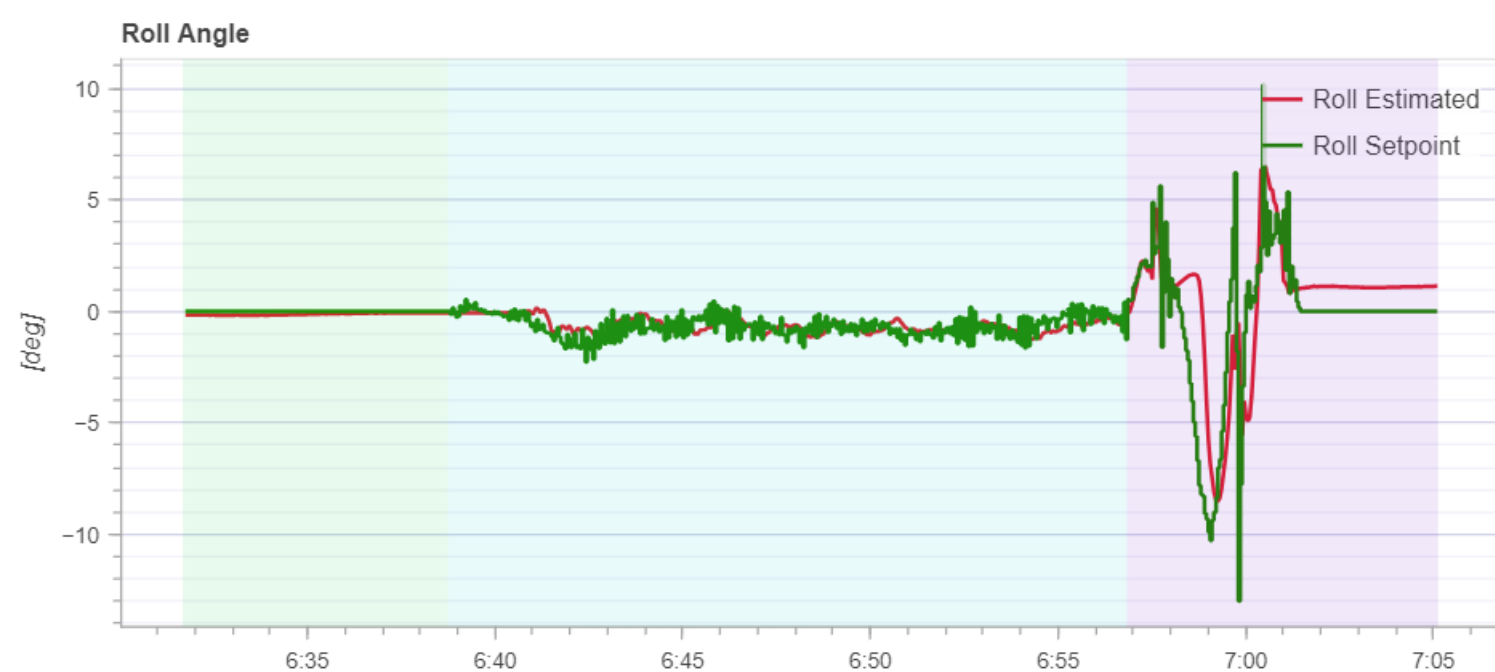
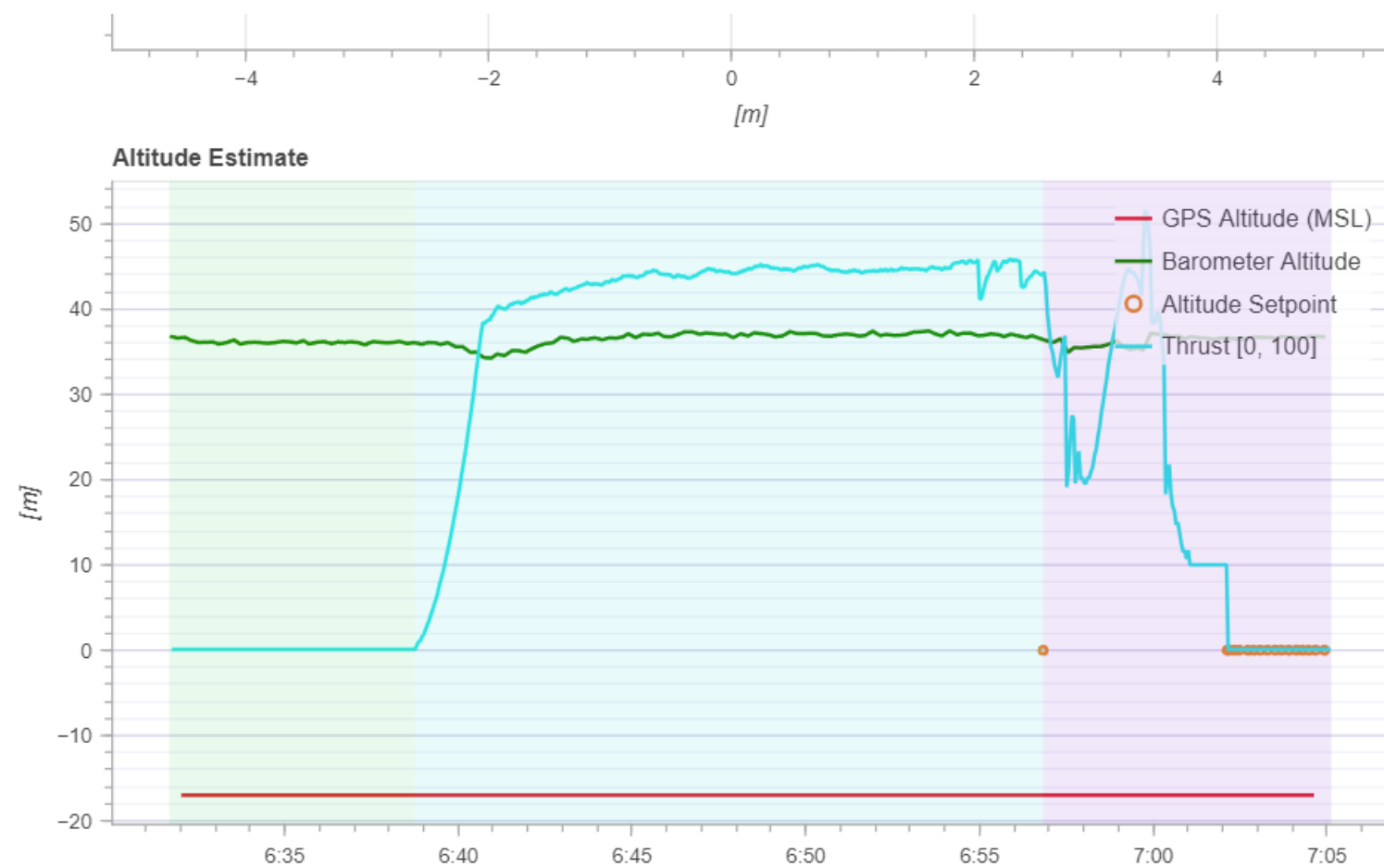
Airframe:	4011	Distance:	5.4 m
Hardware:	PX4_FMU_V6C (V6C01)	Max Altitude Difference:	2 m
Software Version:	6c8880dc	Average Speed:	0.4 km/h
	branch: v6c_1.13.1_p450_rgble	Max Speed:	4.7 km/h
OS Version:	NuttX, v11.0.0	Max Speed Horizontal:	3.1 km/h
Estimator:	EKF2	Max Speed Up:	0.5 km/h
Logging Duration:	0:00:33	Max Speed Down:	4.1 km/h
Vehicle Life		Max Tilt Angle:	15.2 deg
Flight Time:	2 minutes 7 seconds		
Vehicle UUID:	000600000000343739383031510b00440024		

Add a detected error...

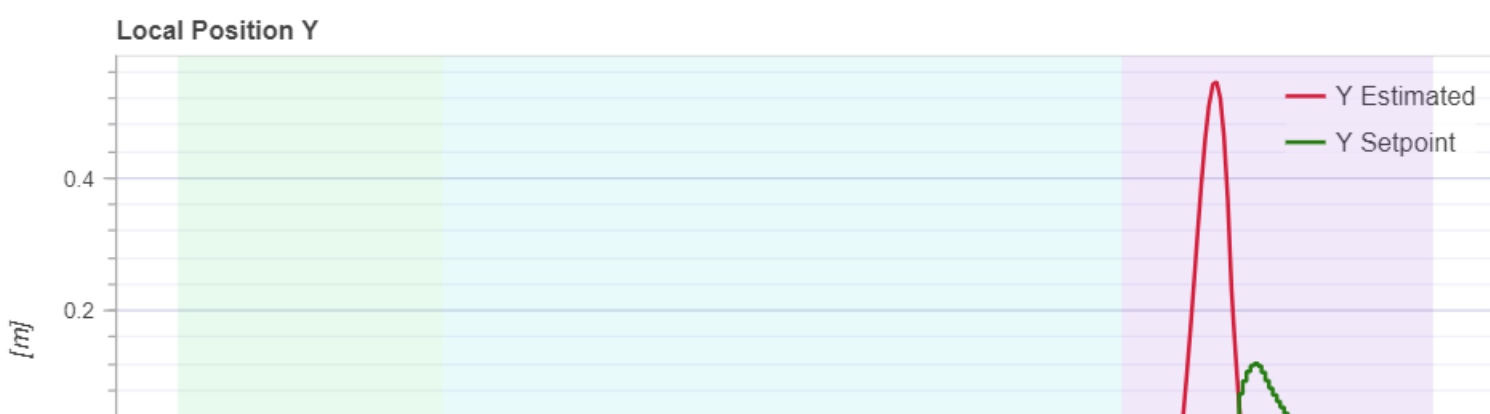
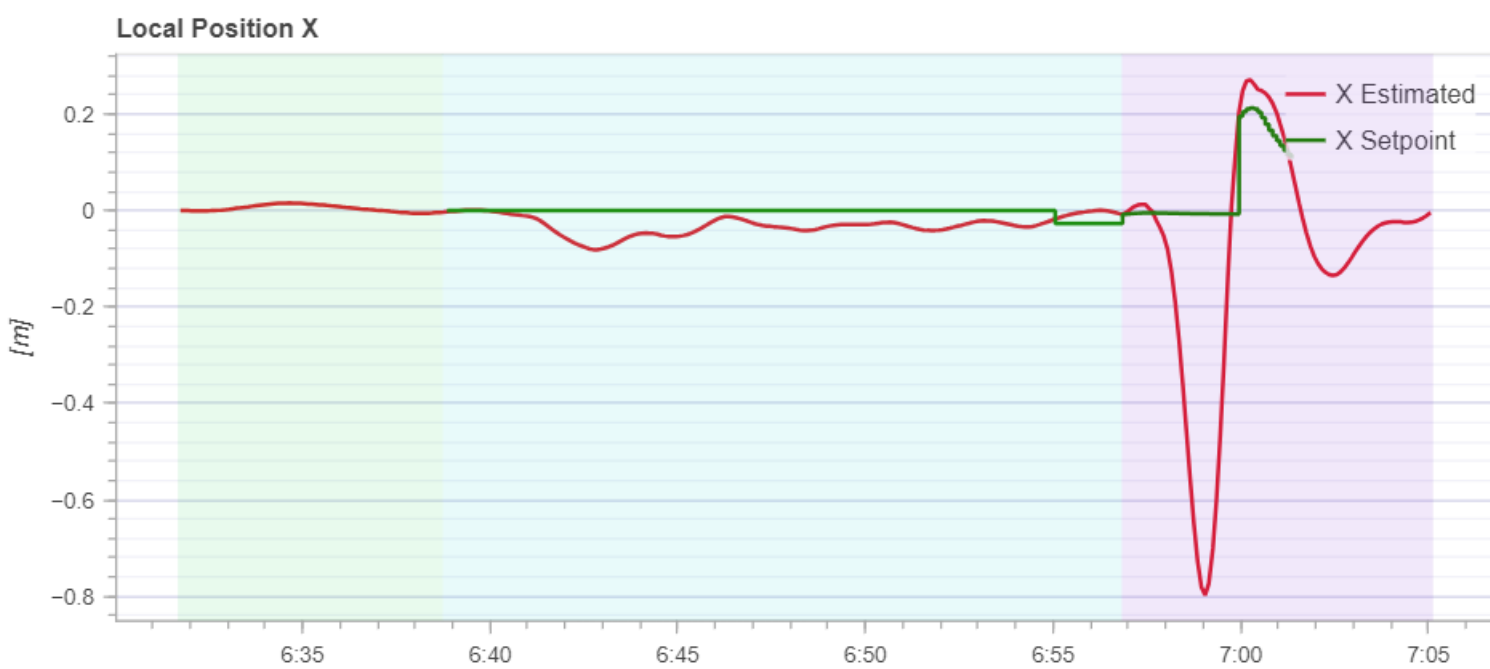
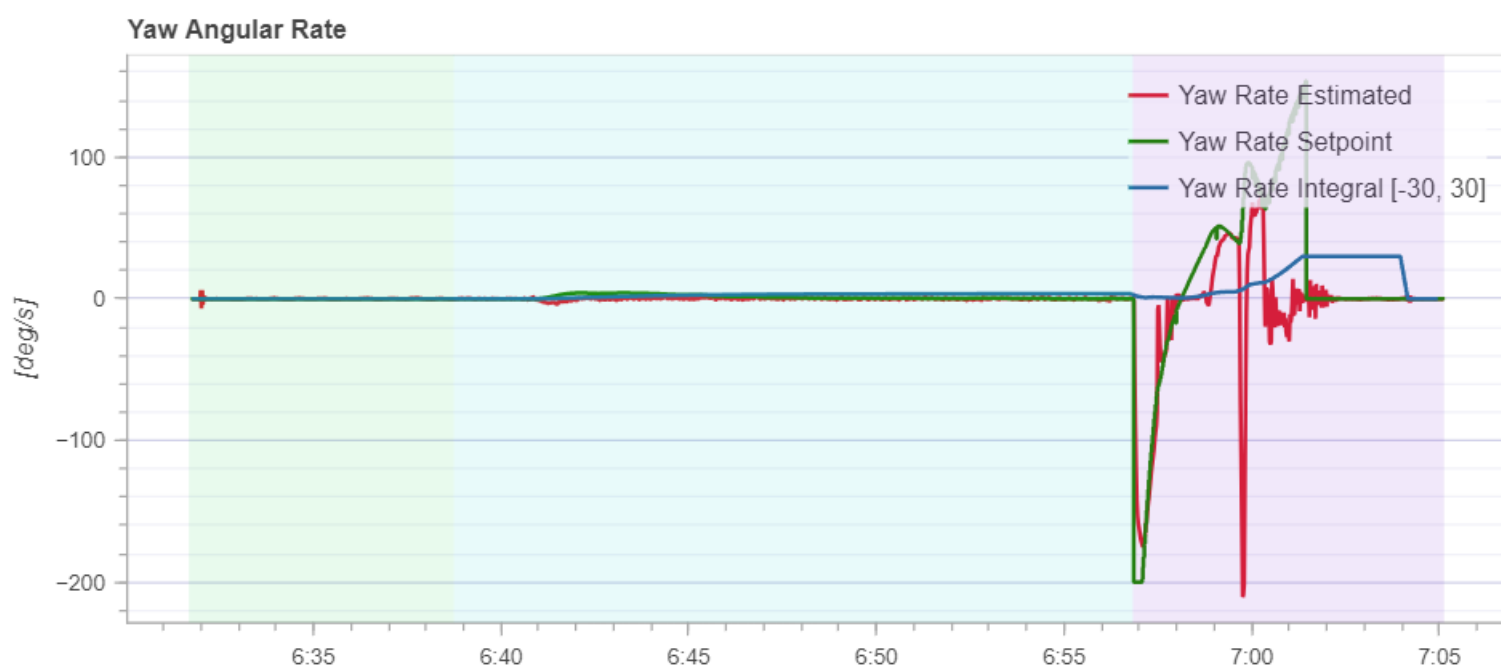
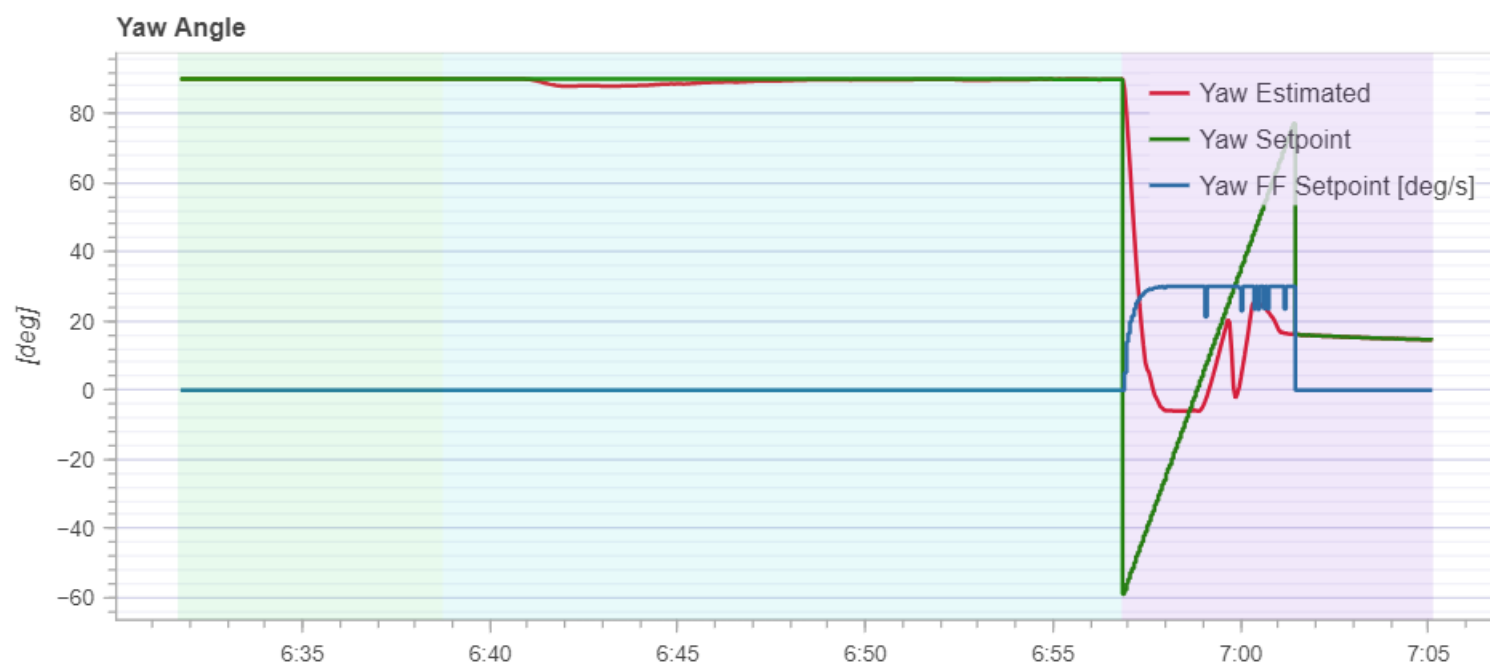
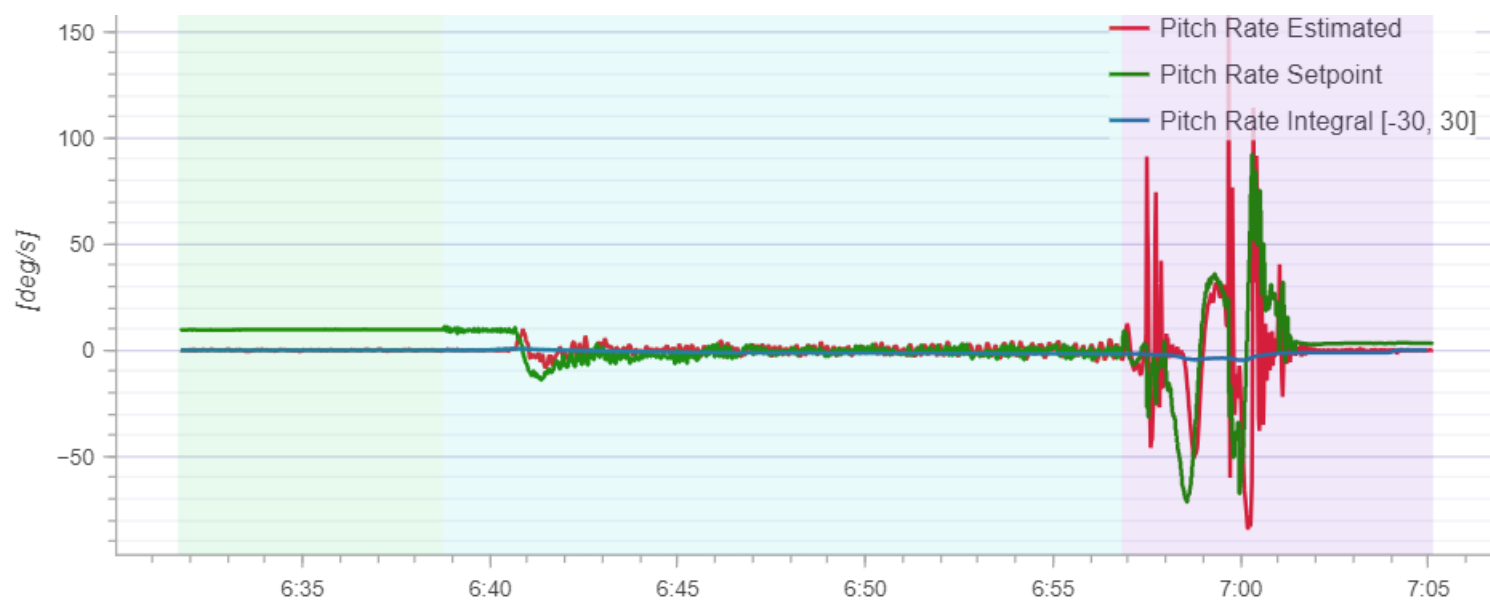
+

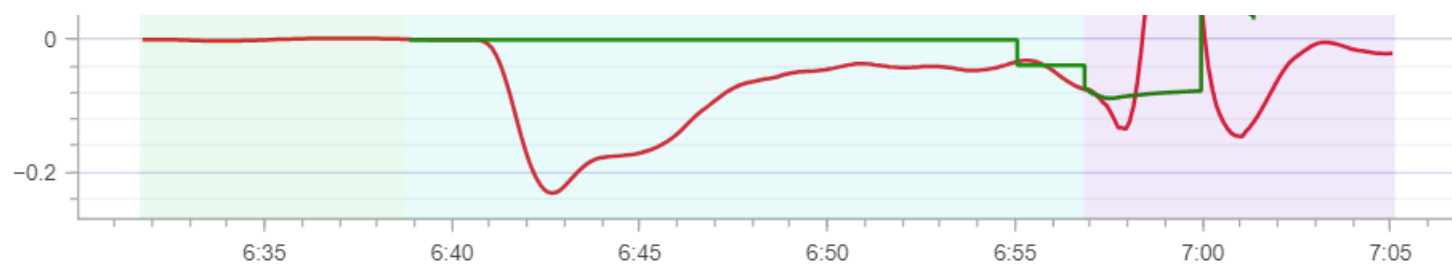
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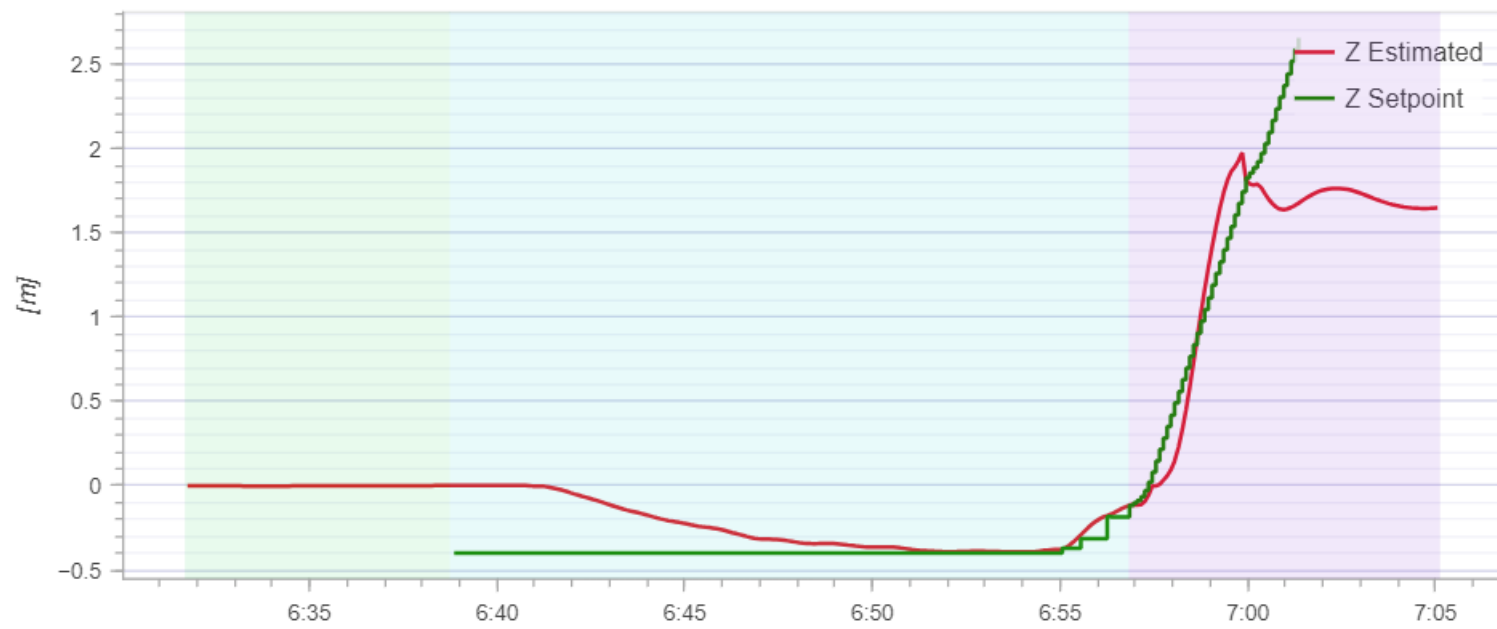


Pitch Angular Rate

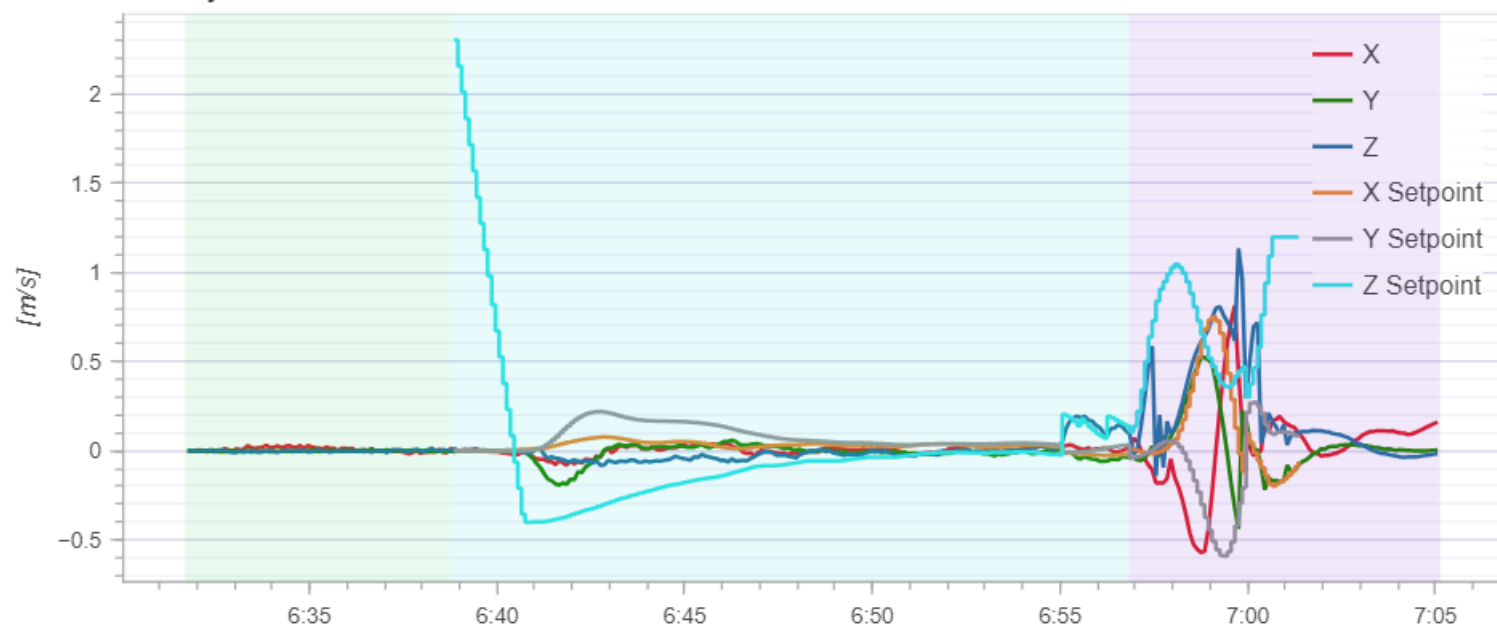




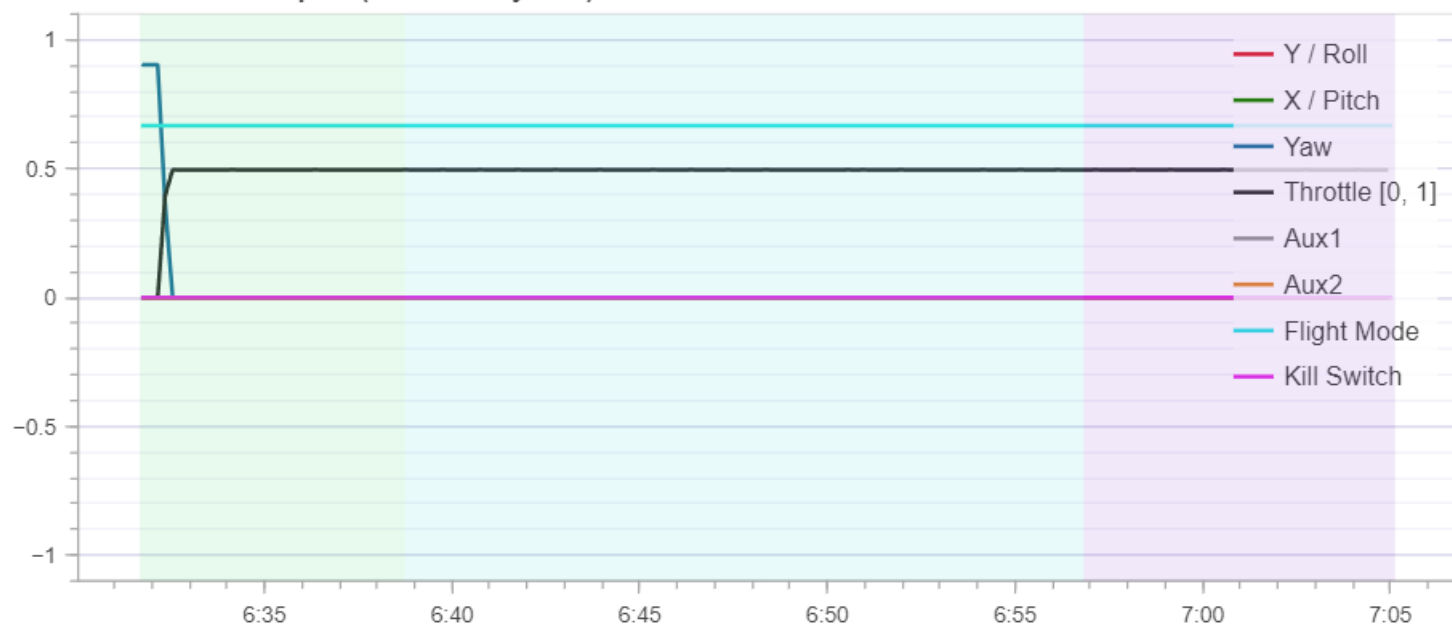
Local Position Z



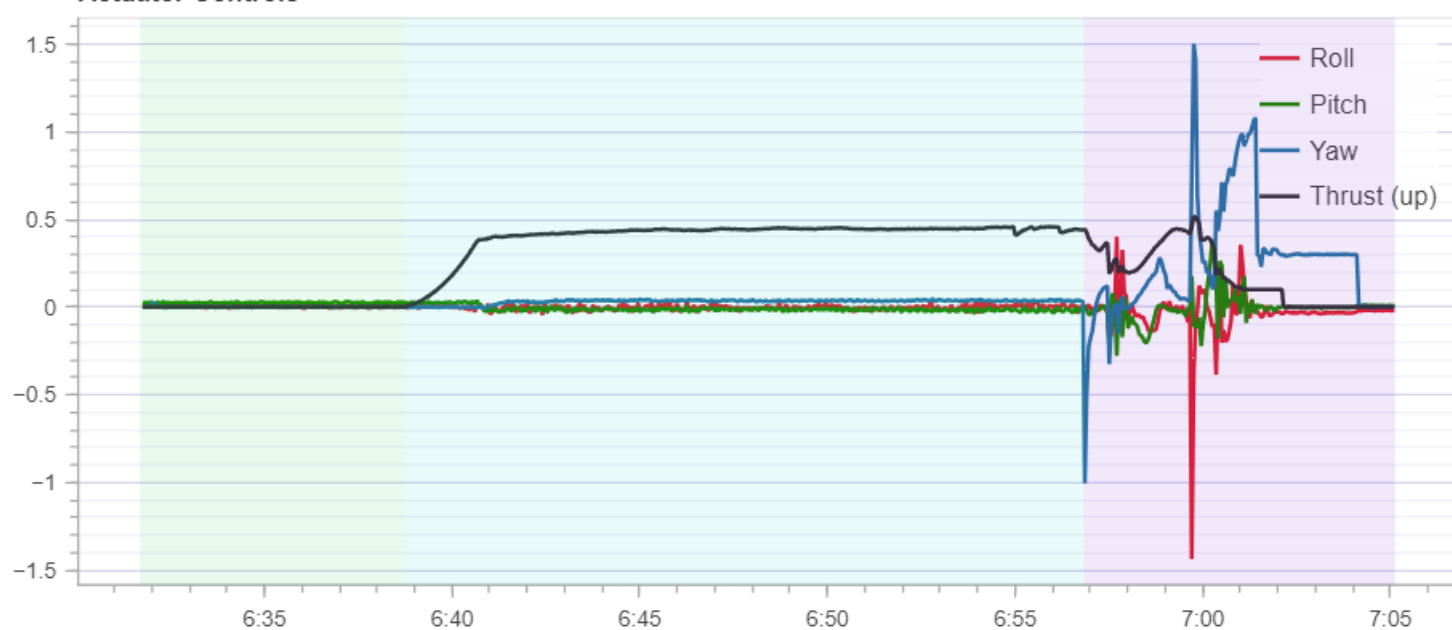
Velocity



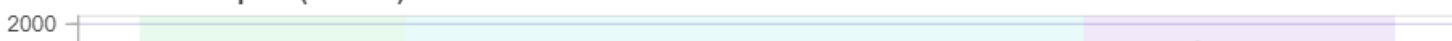
Manual Control Inputs (Radio or Joystick)

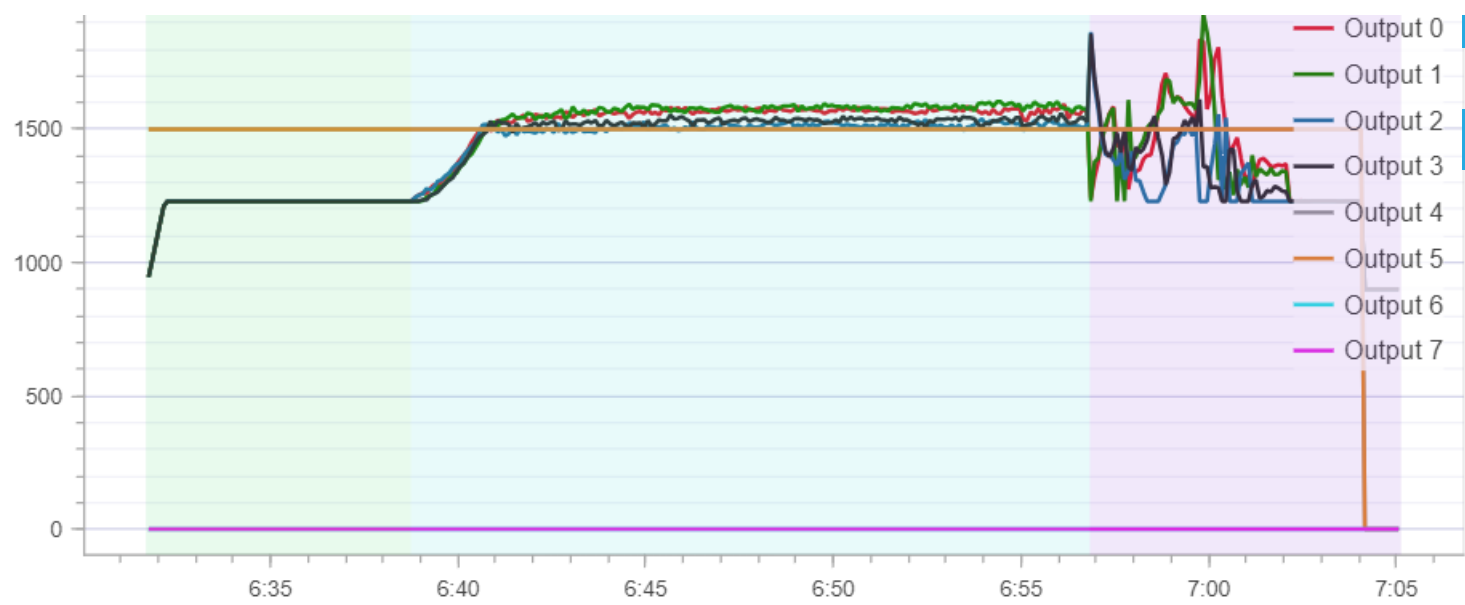


Actuator Controls

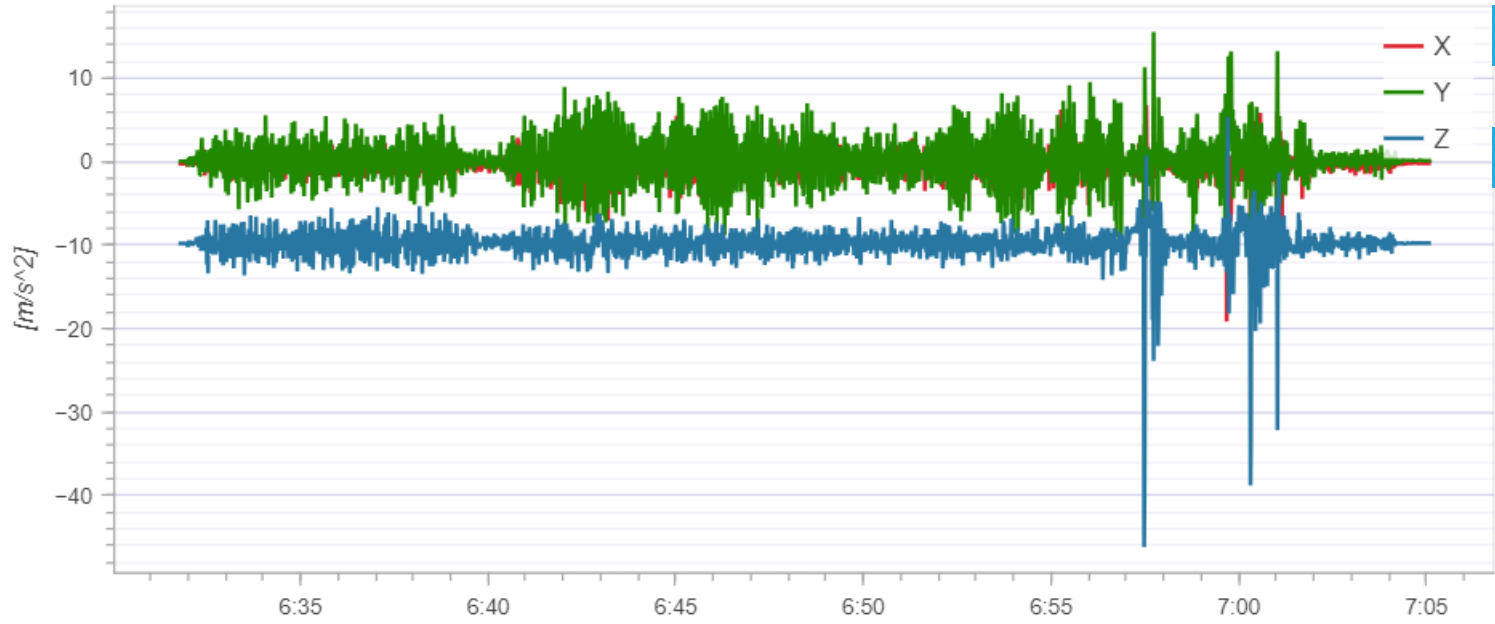


Actuator Outputs (EXTRA)

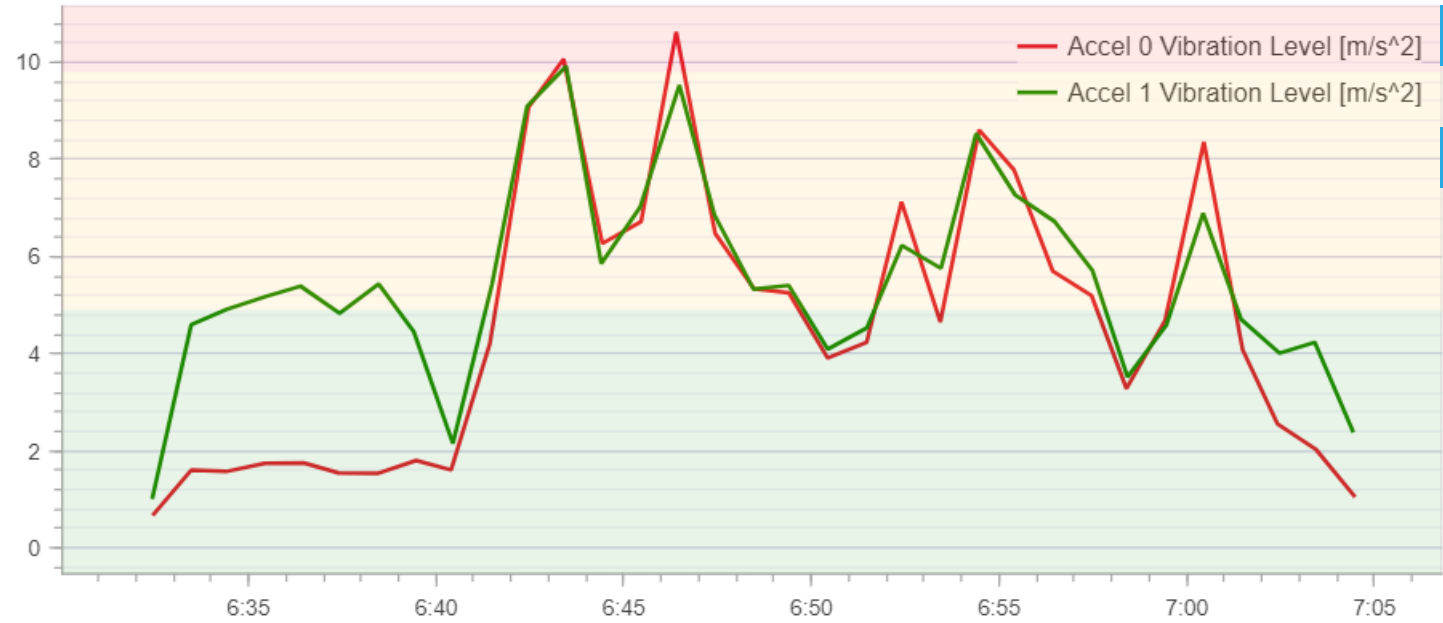




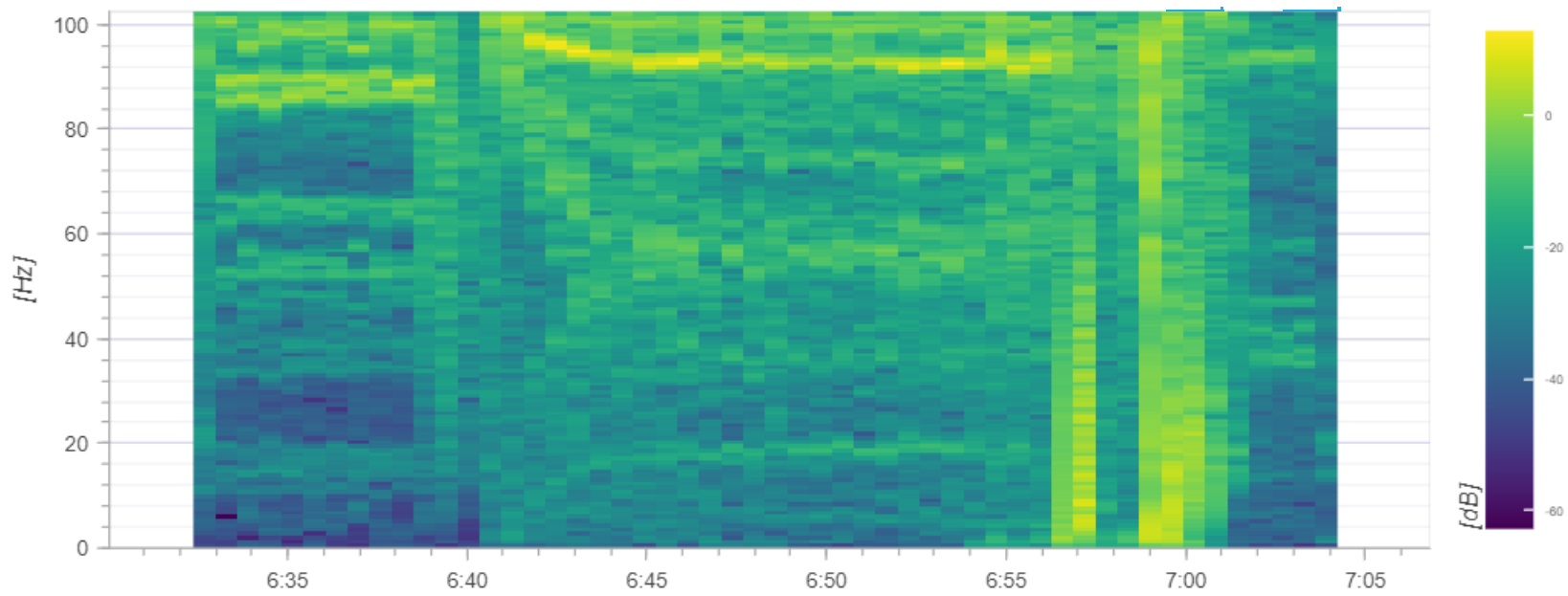
Raw Acceleration



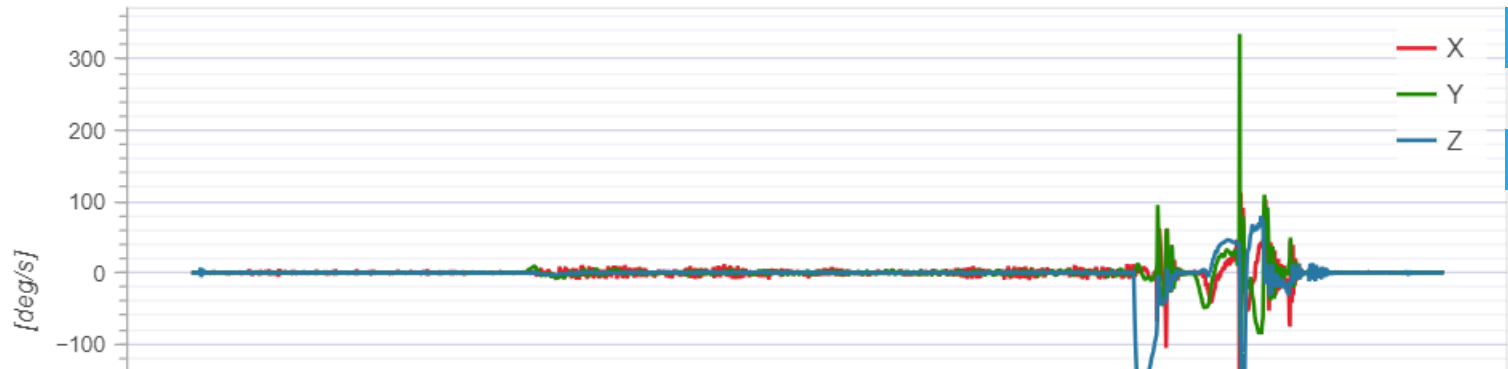
Vibration Metrics

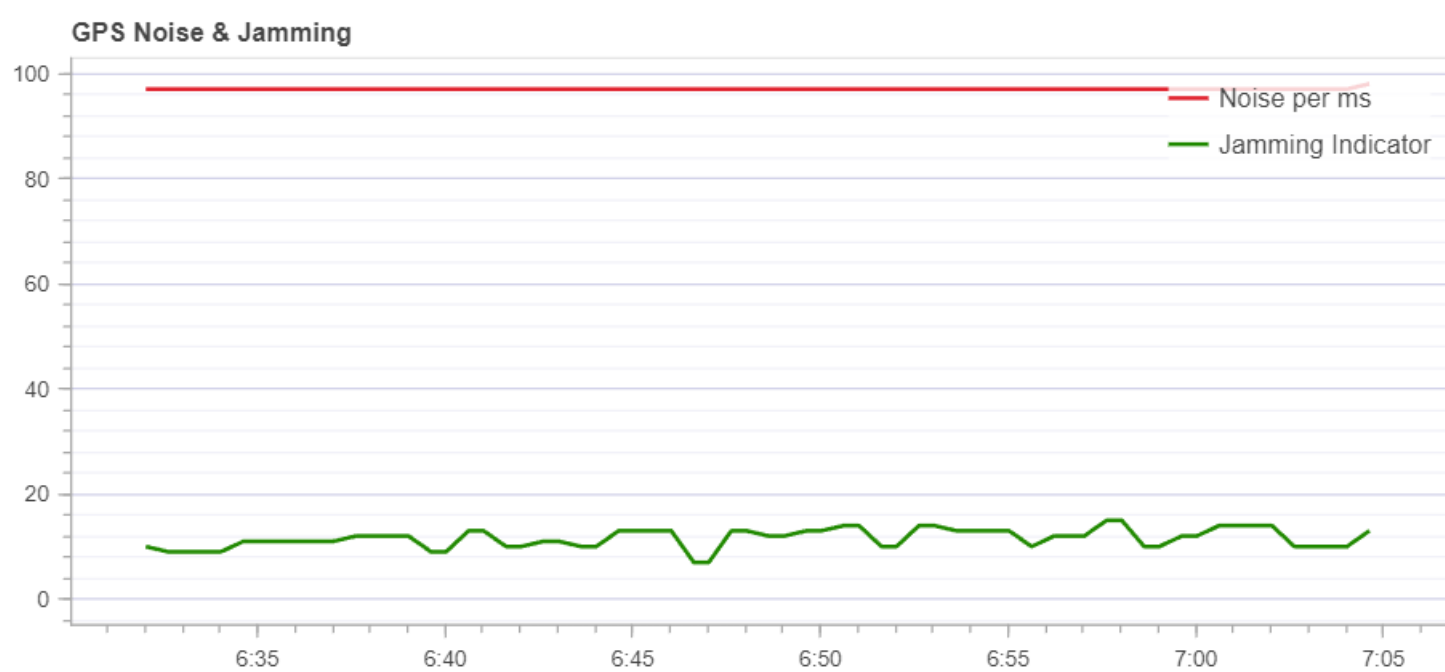
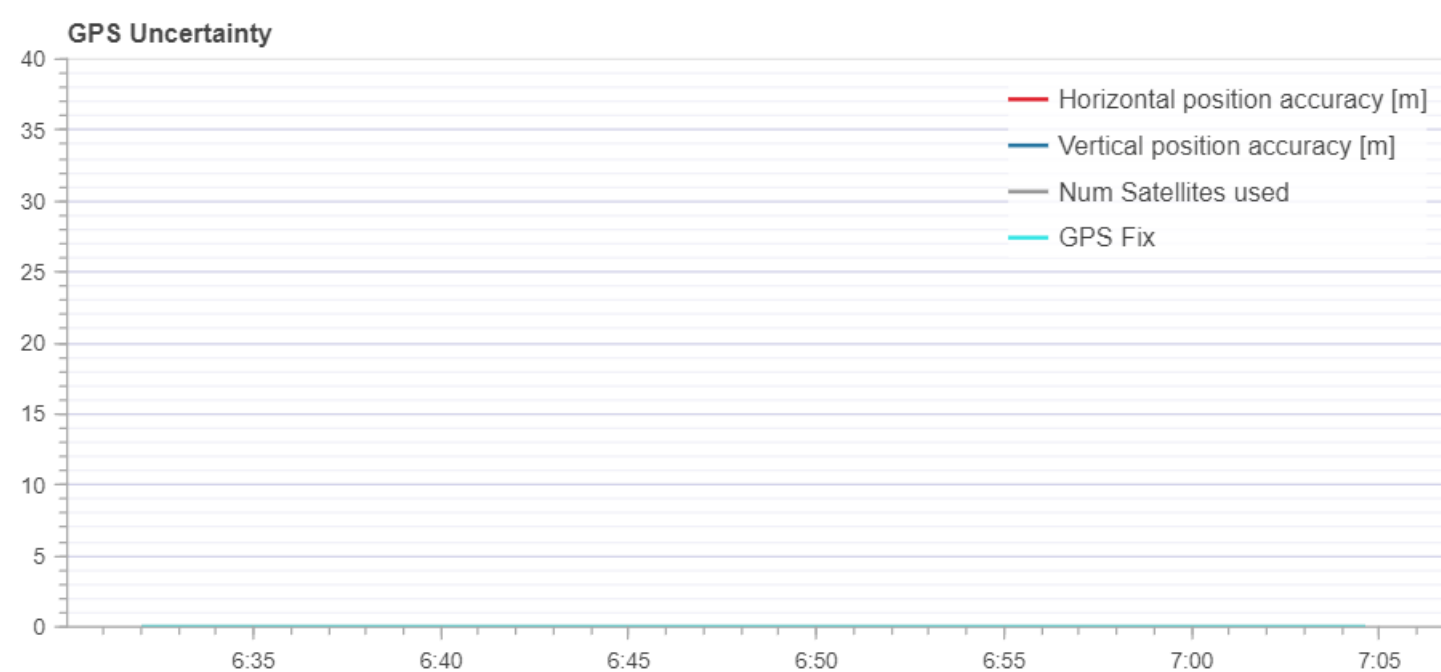
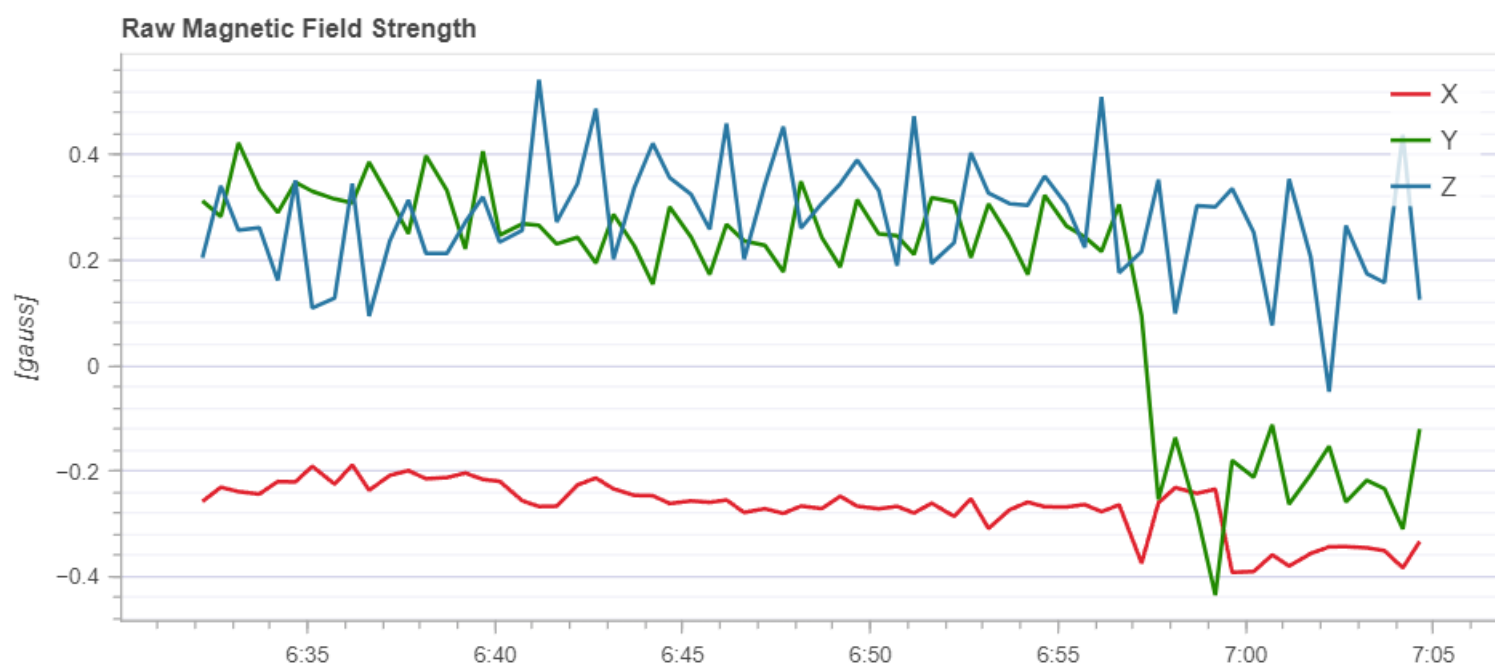
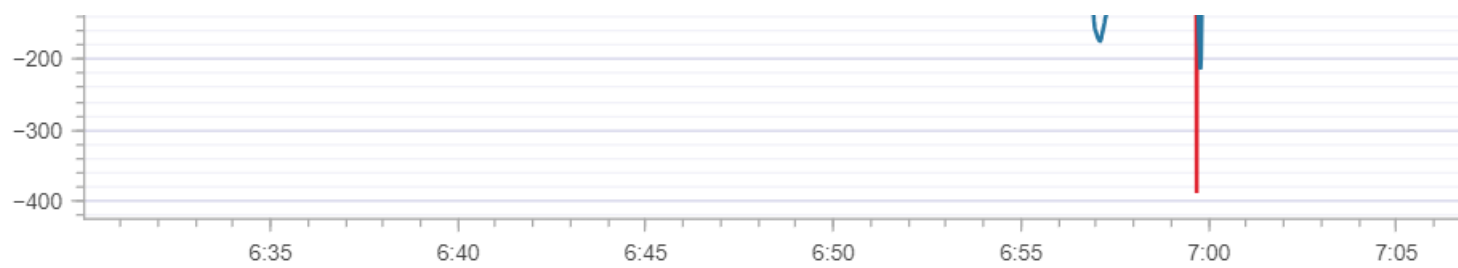


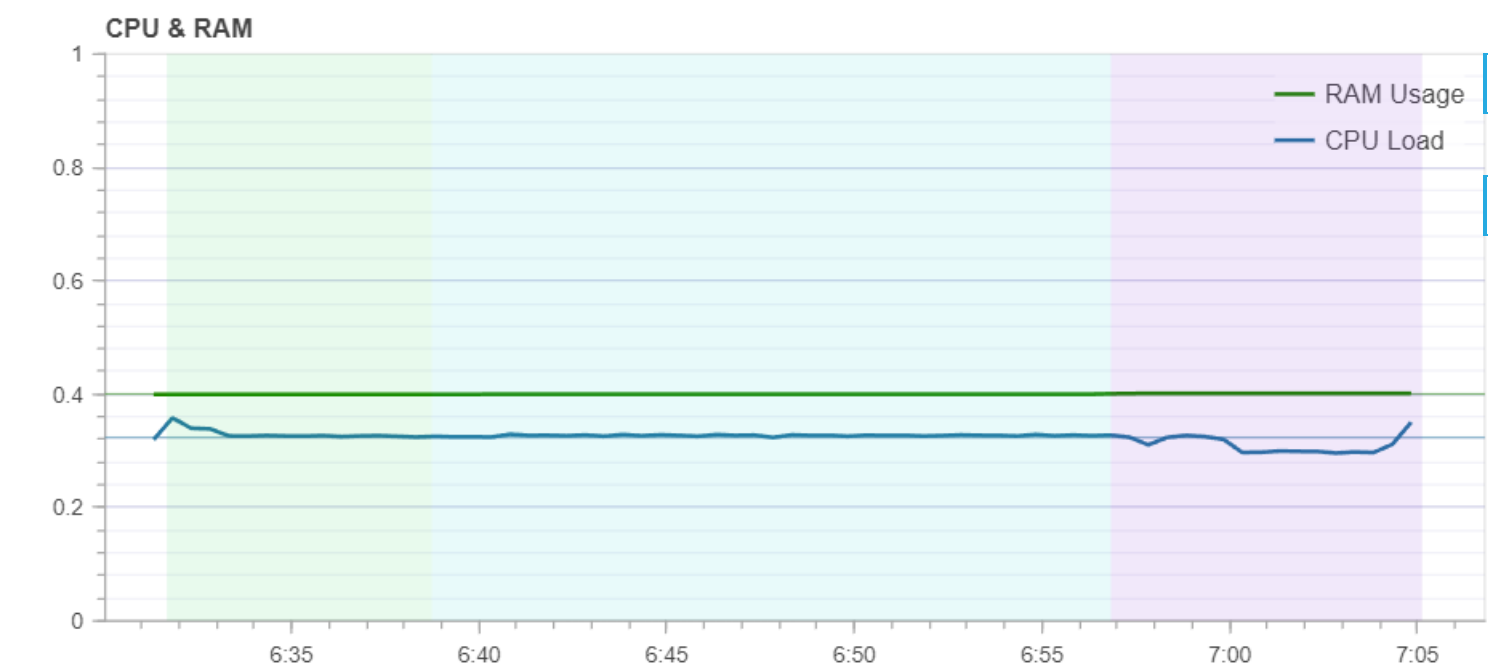
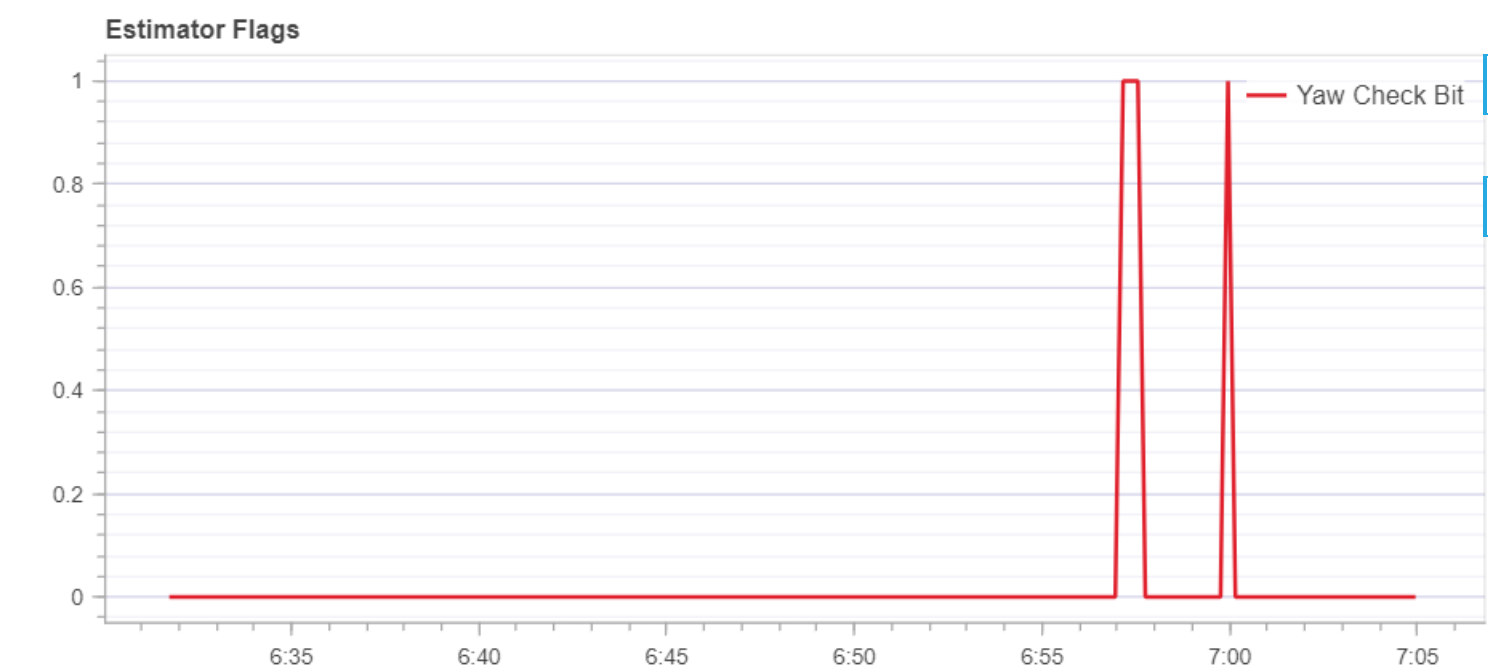
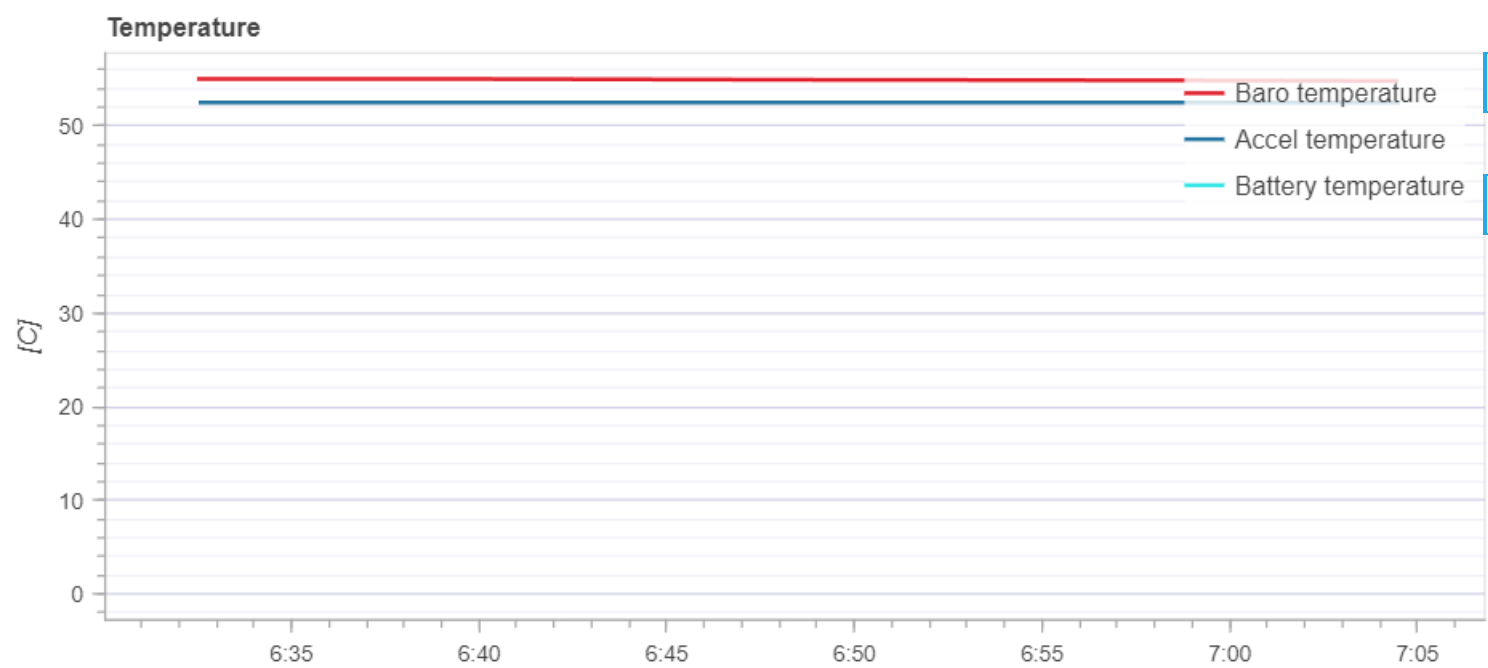
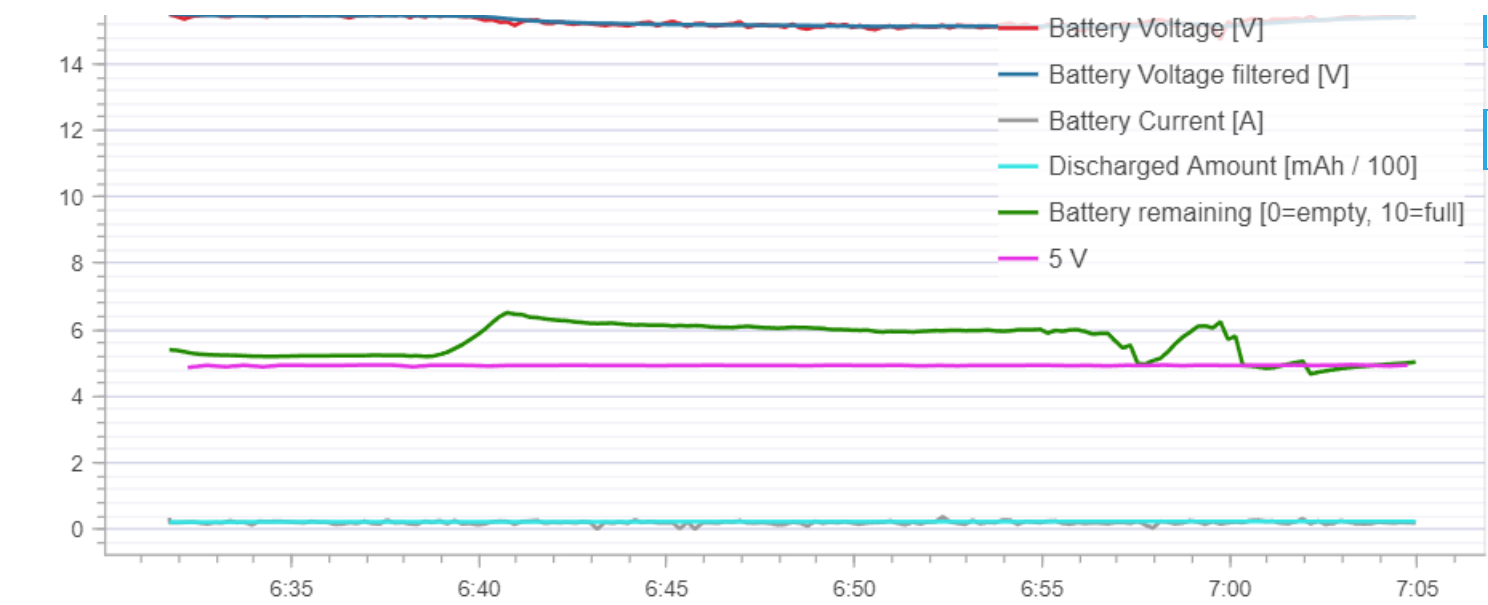
Acceleration Power Spectral Density

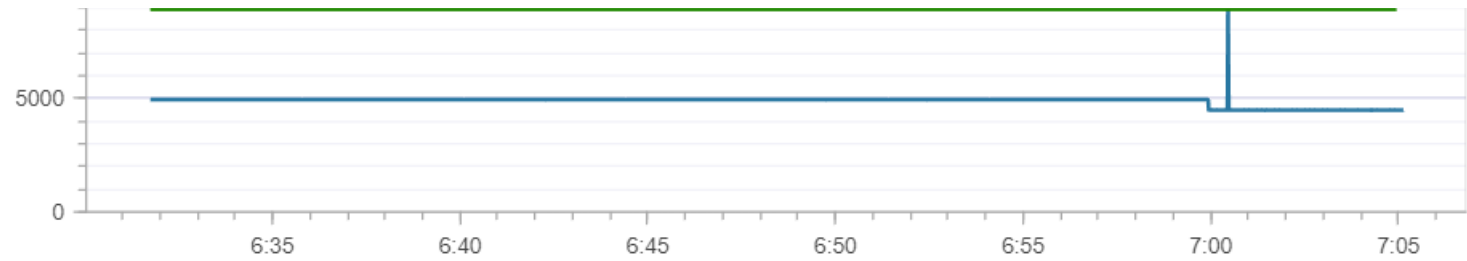


Raw Angular Speed (Gyroscope)









Non-default Parameters (except RC and sensor calibration)

#	Name	Value	Frame Default	Min	Max	Description
0	BAT1_A_PER_V	36.367515563964844	36.367515563964844			(unknown)
1	BAT1_CAPACITY	-1	-1			(unknown)
2	BAT1_I_CHANNEL	-1	-1			(unknown)
3	BAT1_N_CELLS	4				(unknown)
4	BAT1_R_INTERNAL	-1	-1			(unknown)
5	BAT1_SOURCE	0				(unknown)
6	BAT1_V_CHANNEL	-1	-1			(unknown)
7	BAT1_V_CHARGED	4.199999809265137	4.050000190734863			(unknown)
8	BAT1_V_DIV	10.219459533691406	18.100000381469727			(unknown)
9	BAT1_V_EMPTY	3.5	3.5			(unknown)

Logged Messages

#	Time	Level	Message
0	0:04:44	INFO	Connection to ground control station lost
1	0:06:12	INFO	GCS connection regained
2	0:06:31	INFO	Armed by RC
3	0:06:31	INFO	[logger] Start file log (type: full)
4	0:06:31	INFO	logging: opening log file 2024-2-20/7_41_54.ulg
5	0:06:31	INFO	[logger] Opened full log file: /fs/microsd/log/2024-02-20/07_41_54.ulg
6	0:06:39	INFO	Takeoff detected
7	0:06:59	WARNING	[ekf2] primary EKF changed 1 (filter fault) -> 0
8	0:07:02	INFO	Landing detected
9	0:07:04	INFO	Disarmed by auto preflight disarming

Show additional Data