**Overnight\_Test\_2305\_2215**

Start: 23.5.2025 22:15

End: 24.5.2025 08:01

Duration: 09:46:19

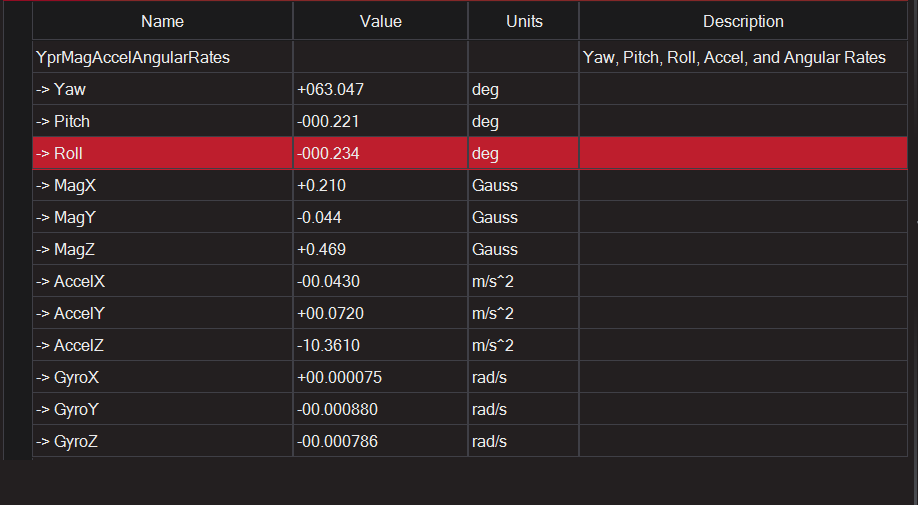
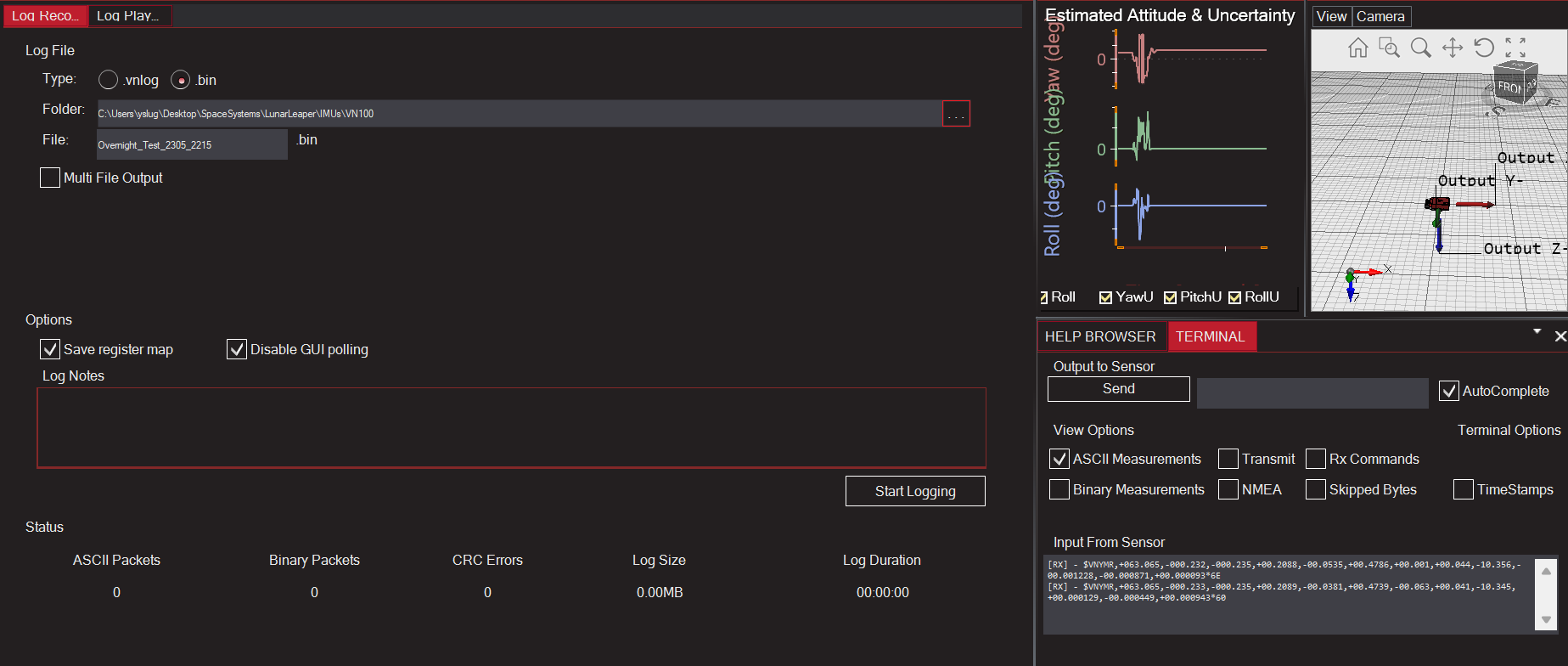
Rate: 40 Hz

Bytes: 120

Bandwidth at start: 42.2-42.7 %

Setup: Ground floor, IMU connected to Laptop, weighed down by mass (394 g), covered by glass bowl

Output data: .bin file, saved in LunarLeaper > IMUs > VN100, however not as many measurements noted as expected



**Overnight\_Test\_2405\_2215**

Start: 24.5.2025 22:15

End: 25.5.2025 08:05

Duration: 09:53:11

Everything else the same as before

**Overnight\_Test\_2505\_2340**

Start: 25.5.2025 23:35

End: 26.5.2025

Duration: 7:33:07

Everything else the same as before but different room

**Drop\_Test\_2605**

Start: 08:27

Duration: 1 min 25 sec

Setup/Measurement: Same as before

Method: Dropping 1kg at distances 0.5 m to 4.5 m from a height of 50 cm with a delta\_s of 50 cm (9 peaks should be detected)

Output: Same as before + sound file to check timing of drops

**Drop\_Test\_2605\_2**

Start: 08:39

Duration: 1:08

Setup/Measurement: same but now 50 Hz rate (max possible), bandwidth at 50-54 %

Method: drop from 50 cm

Output: same as Drop\_Test\_2605

**Drop\_Test\_2605\_3**

Start: 08:45

Duration: 1:04

Repeat of Drop\_test 2