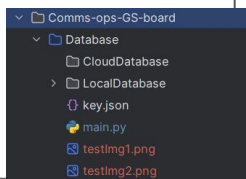
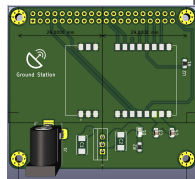
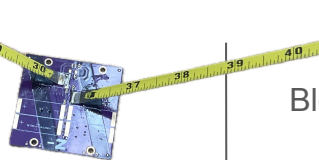


10/02/2024

Updates

- V-dipole prototypes using smaller tape measure & different Z- board.
- Radio module output power ~28.5dBm (was 17.9 - issue resolved by Neil & Akshat)
- GS board complete and will be sent for fabrication soon.
- GPS Module selected with unlocked version known
- Basic GPS tradestudy done to support selection
- Developed the database interface for uploading, retrieving, and monitoring files using Google Cloud Storage. (Cost ?)



Blockers

- Time

Upcoming

- VNA testing later today + anechoic chamber
- Turnstile antenna prototype + testing
- Send/receive LoRa packets.
- Look more into LoRa arduino library.
- Select GPS antenna
- Acquiring GPS modules
- Testing with argus-1 GPS system

Interfaces

- Avionics:
 - LoRa dev board with new radio.
 - Coordinating GPS module selection