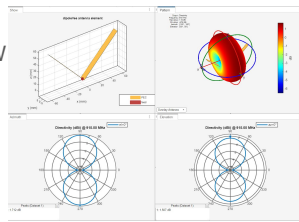


9/25/2024

Updates

- Ground station RFM98PW is replaced by E22-900M30S, done with the new schematic.
- Ridge testing
- Prelim antenna analysis using matlab antenna toolbox



GNSS:



Blockers

- Waiting for ground station BOM from Tim
- Can we buy an antenna analyzer?

Upcoming

- Detailed GNSS module comparison
- Send the new GS PCB for order.
- Eggbeater vs yagi for ground station
- Anechoic testing with last year's v-dipole?
- Making another v-dipole (last year's design)
 - Making it with a smaller tape measure
 - Made dummy test boards
- Link budget for downlink



Interfaces

- Avionics:
 - Mission ops: transmit time during ground pass? (determines bit rate)
- GNC: attitude, ground pass duration?
 - GNSS requirements - discussed
- Vision:
 - Needed for link budget: are images being sent in color? Image compression?
- Mech: