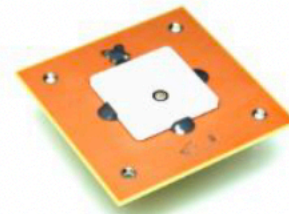


Updates

- Updated level 2 requirements
- Link budget v0 almost exists
- Exploration of antennas + LoRa
- Decided to use two different versions of radio module (915MHz) to test (E22-900M30S and 33S)
- Start looking at the code/library for radio
- Start looking at GNSS for cubesats



Blockers

- Learning about LoRa
- Order the radio modules
- Order arduino or Raspberry Pi for SPI interface with the radio module
- GNSS feasibility and requirements for the mission

Upcoming

- Prelim design of antenna + testing (understand capabilities)
- Field testing date TBD
- SPI communication interface between radio and microcontroller.
- Sending packets over radio.
- Prelim GNSS antenna and module selection

Interfaces

- Avionics: what amount data do we need to send?
- GNC: attitude, ground pass duration?
 - GNSS requirements?
- Mech: spaceclaim for prelim antenna on sat
 - Spaceclaim for GNSS?