

Design Review 3 Meeting - CubeSAT

April 5th, 2024

SR 307

[Reference] Subsystems List

1. Power
2. Antenna control
3. Antenna array
4. Motor control / deployment
5. Testing Apparatus

Agenda

1. Run through
 - a. Software: state machine
 - b. Dual core operation
2. Antenna updates
 - a. Luke's design ready to be milled
3. Other RF updates
 - a. LNA eval board ready to be milled
 - b. Filter design - waiting on Chisum group
 - c. Sticking with BFIC eval board per Chisum's recommendations
4. Finalized board design

Questions

- Leads of the eval board: power and ground
 - Pogo pins
- Visualizations for demo day