

Design Review 2 Meeting - CubeSAT

March 8th, 2023

[Reference] Subsystems List

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

Agenda

1. Demo: Motor control with S3
2. FIELD TRIP!
3. Demo: Power detector - antenna control & testing apparatus subsystem
4. Schematic high level design review
5. Software block diagram review

Updates

- Parts acquisition: BFIC chip and eval board, LNAs
- Working on RF filter design
- Chisum's grad students working on lens design, should be finalized by end of the week
 - Meeting with
- Reviewed and approved software block diagram with Chisum
- Power tracking methodology finalized