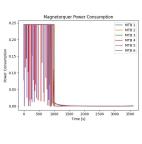
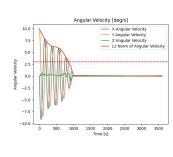
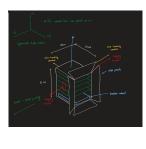
GNC Quad Chart

October 23 2024







External Tools Needed:

Blockers:

- Time

Progress:

- 1. Simulation
 - a. Tested models for Gravity, Sun position and Magnetic Field
 - b. Debugging sun pointing scenario

Plan for the Upcoming Week:

- 1. First sun pointing, nadir pointing control simulation results
 - a. Power, torque use for RW sizing
- 2. Switch to C++ simulation completely

Interfaces:

- 1. Mechanical + Avionics + comms: We believe we can make 4 cameras work, and which faces to put them on + reaction wheel placement. WIII this configuration work?
- Vision: incorporate landmark geographic locations into orbit determination

Kanban

