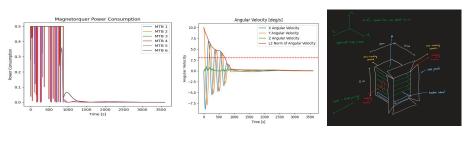
# GNC Quad Chart

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:

- 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?
- 2. Vision: incorporate landmark geographic locations into orbit determination

# Kanban

