

- establish Church of Gromesology
- collectively GEE weston's face and TORQUE his GEE GUN off

### **Sat Comms**

- SX-series sounds like good idea + tinygs
- forced to LoRA-only communications

### **Ground station**

- satnogs needs tle's from us
- TinyGS for LoRA (NO TLE)

### **Electrical**

- alt microcontrollers/computer? quad-core
- esp32 is kinda cooked radiation wise, very inconsistent, can expect a few days' lifetime reasonably and anything beyond that is a blind shot
- remove Pi and use oc7670 camera

### **Structural**

- Find way to use 3d printing without comprimising whole sat.
- Aluminum really isn't that expensive.
- Likewise don't be stupid with microbio experiment.
- Tuna can zone with 3d printing.

### **Legal**

- LoRA is in a sort of gray zone, is proprietary but not encrypted
- satellites *have* used lora in ham bands, but good to have a backup...?
- provider (rocket labs) cares more about flight software than primary customer
- while primary customer does not care about potentially lighting the entire rocket on fire, rocket lab will care if we are about to blow them up
- prevent comms interference with primary customer and rocket lab