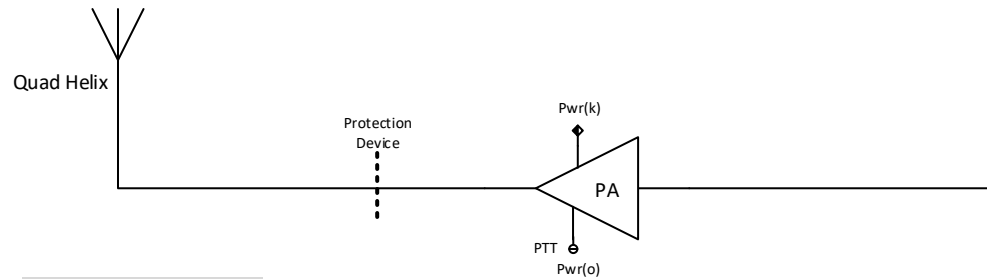
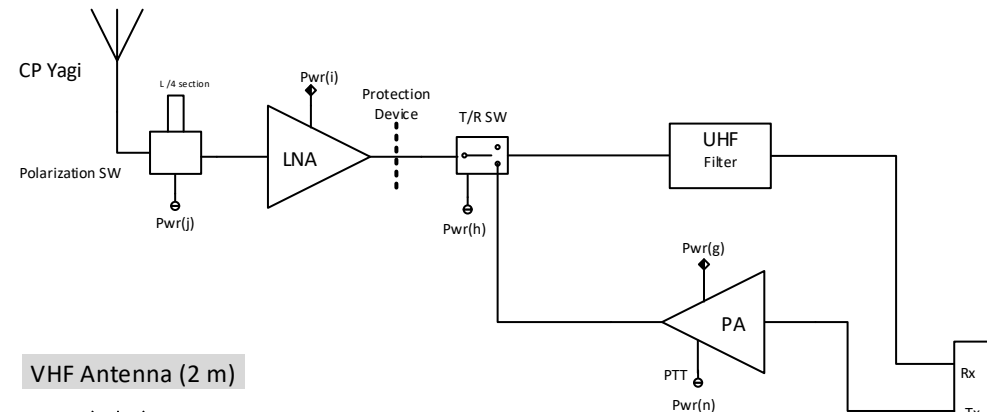


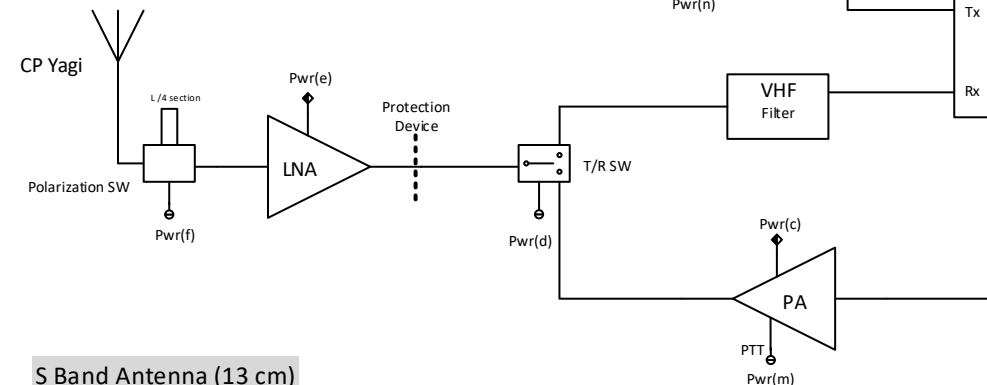
L Band Antenna (23 cm)



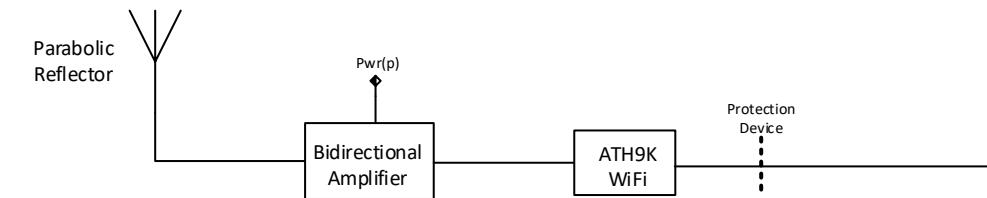
UHF Antenna (70 cm)



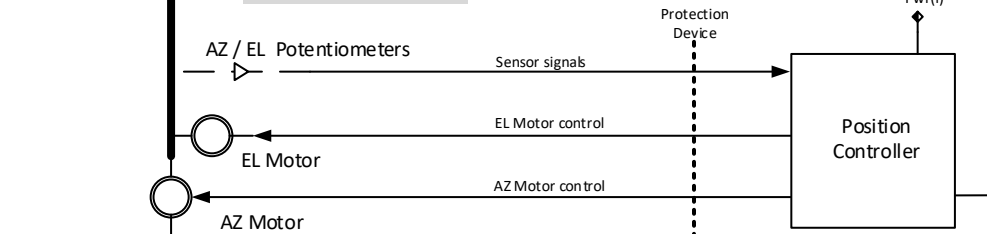
VHF Antenna (2 m)



S Band Antenna (13 cm)



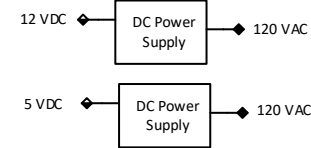
Antenna Positioner



Arduino / Yaesu G5500

- K3NG Position code
- EasyComm II Protocol

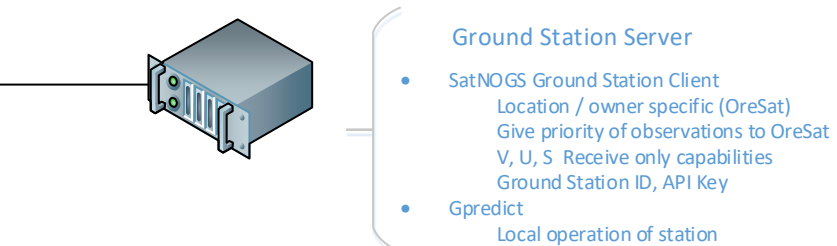
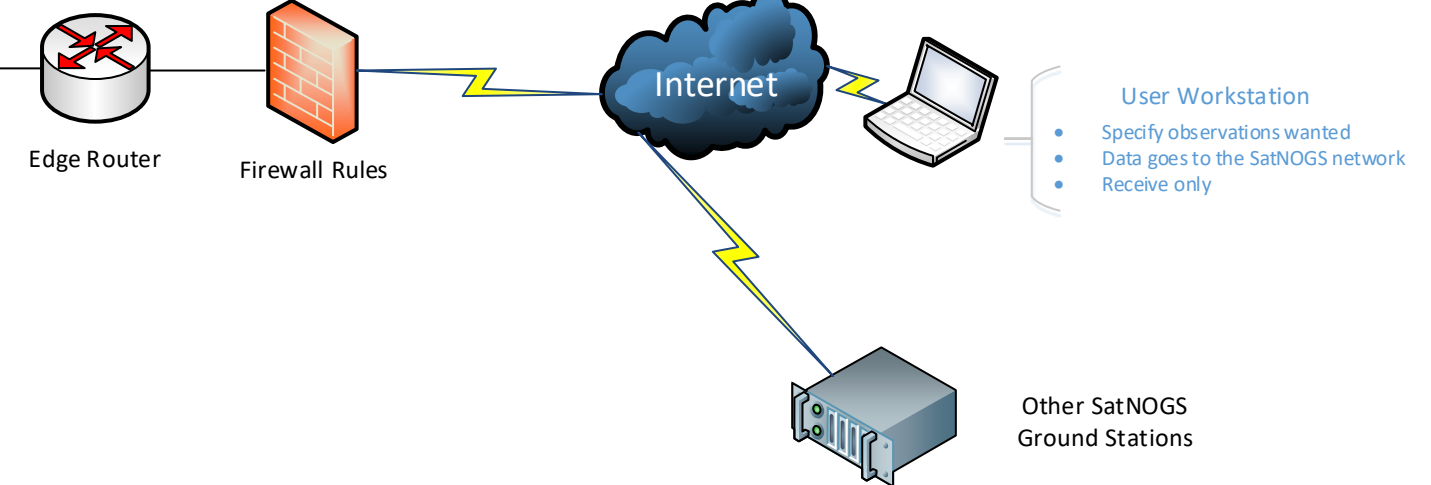
Things inside EB rooftop enclosure



Arch Linux

- GnuRadio
 - XML-RPC server (doppler shift)
 - AX.25 packet in/out
 - IQ data record
 - Audio in,out,ptt

Things in EB 91 (OreSat Lab)



1000 Base TX
Ethernet
OreSat VLAN

OreSat Ground Station

Portland State University

www.oresat.org

v3.6 1-May-2019