

# HCRO site updates

## Overview:

- Antennas
- Compute infrastructure
- Full buildout and developments
- Other updates

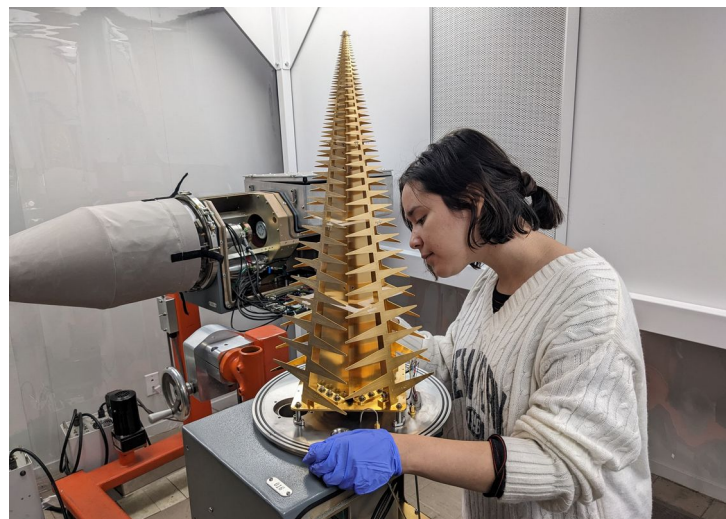


# Antennas

- Feed and raydome installed on 3C
- 5B feed cleaned and screws tightened

Next steps:  $T_{\text{sys}}$  and  $T_{\text{point}}$  measurements

- Next maintenance: 2C & 2A
- 2F vacuum system failed



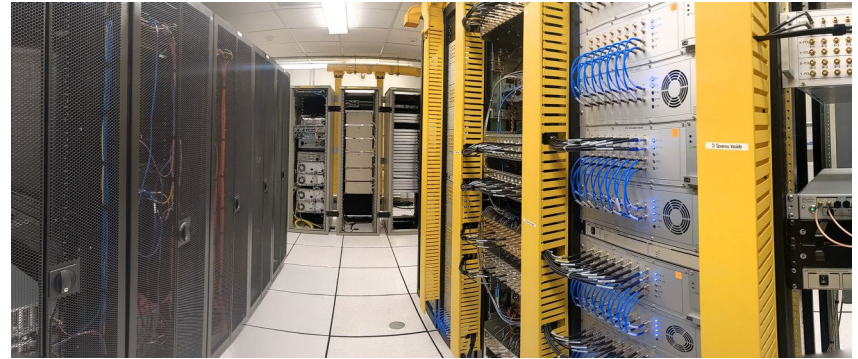
# Next Week: Quarterly maintenance

- **No observing** between 8am-4pm local time (PT)



# Compute infrastructure

- VoIP phone system
- Proxmox virtualization of admin server
- WIFI-less zoom room

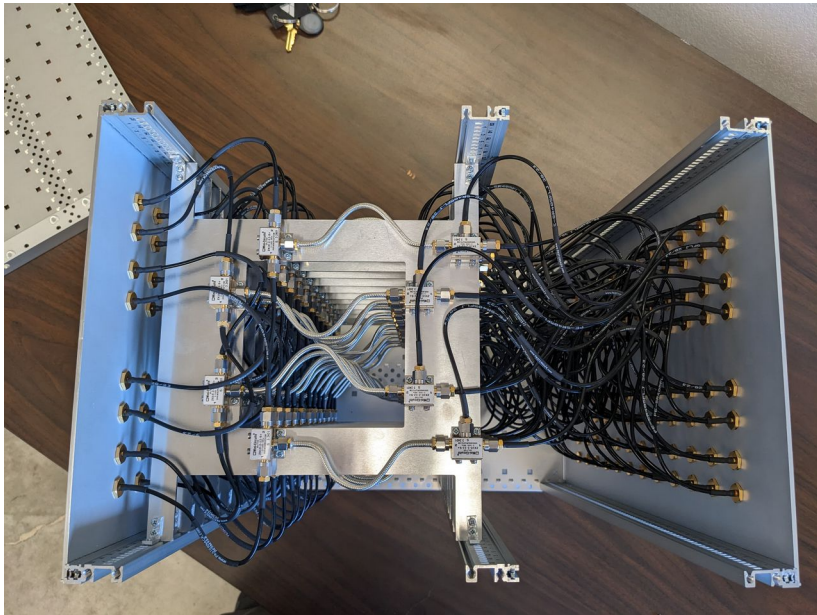


- 1 hard drive failed, 2 more ordered

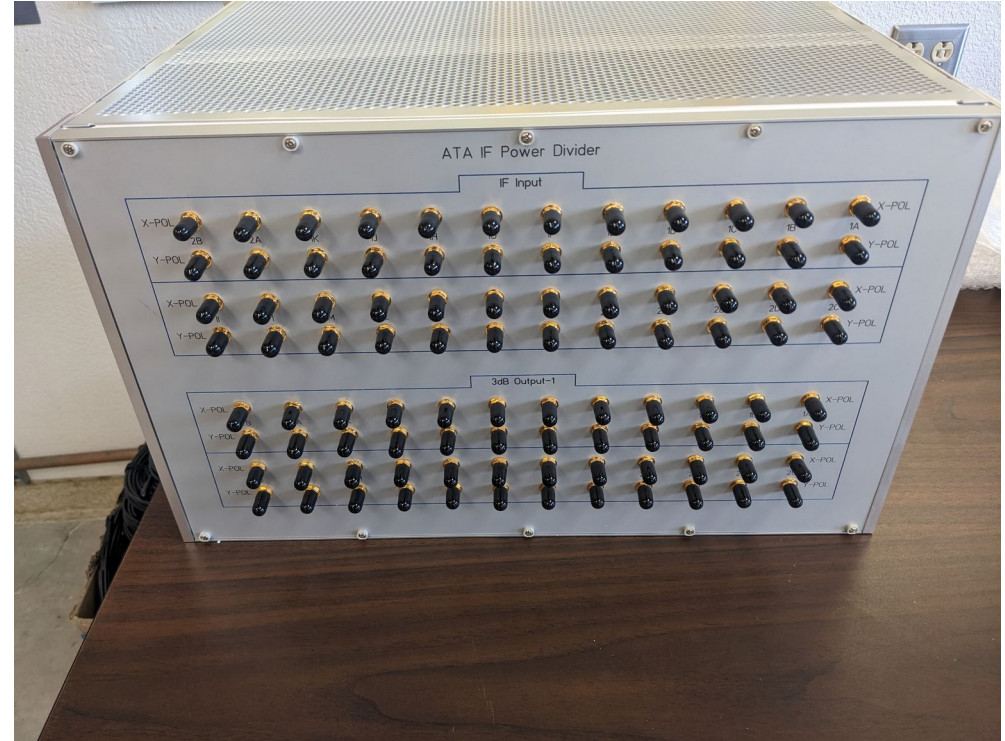


# Full buildout and developments

- Fiber and IF cables ordered
- First IF-Splitter finished



# Front and back panels:



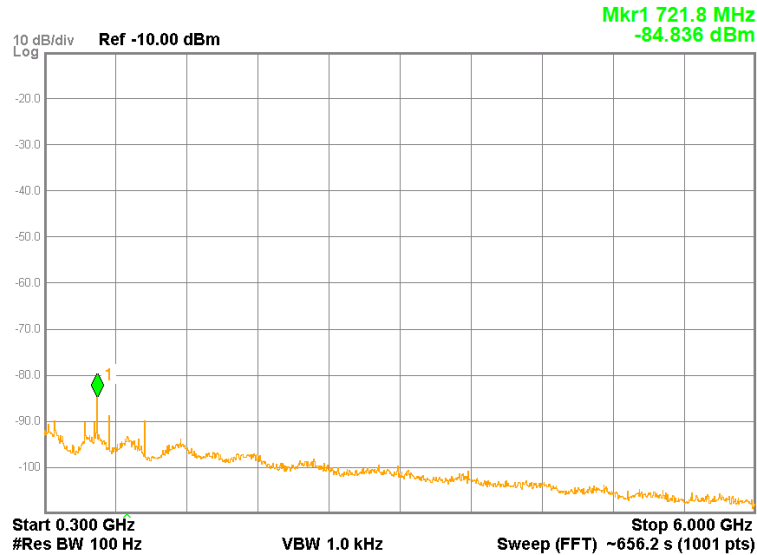
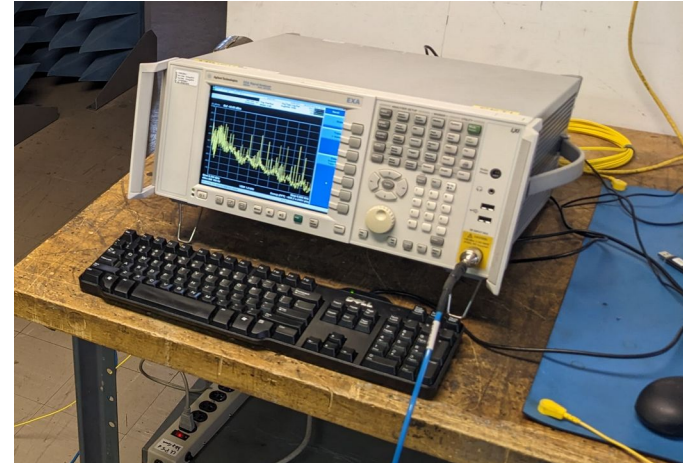


# Other Updates

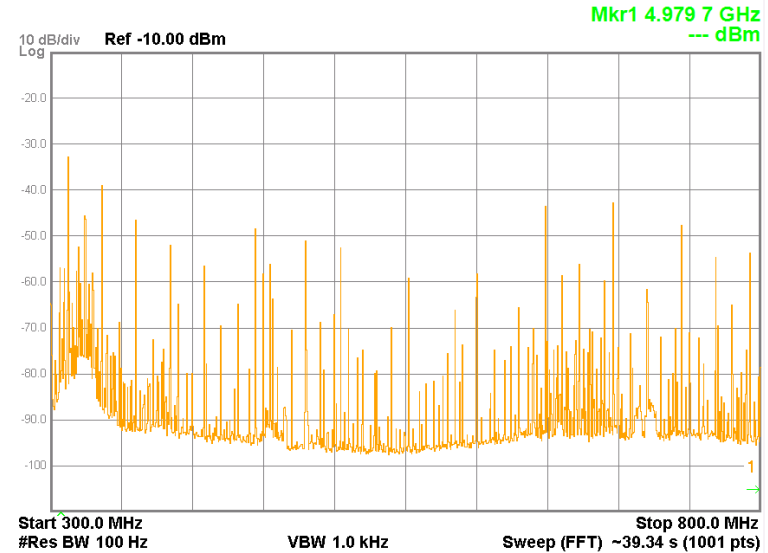
- GreX EMI tests in screened room



- Found EMI from the spectrum analyzer



Baseline

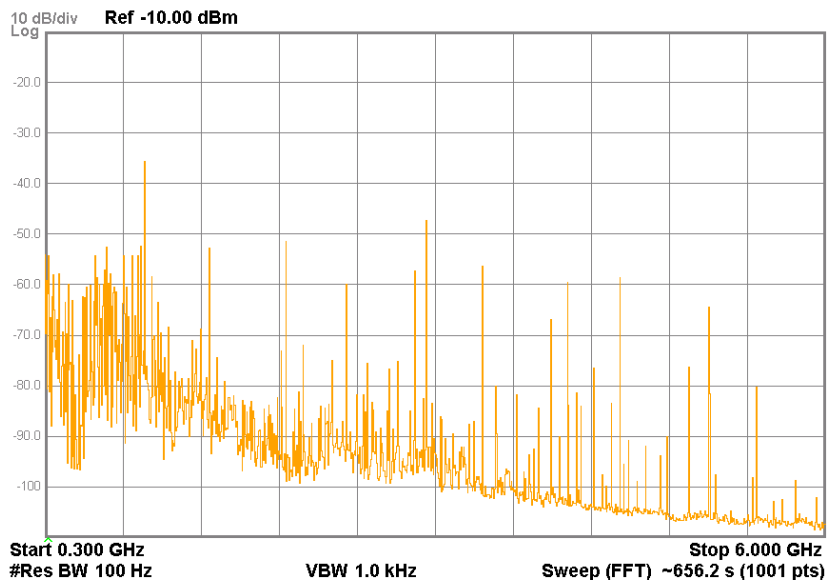


Spectrum analyzer inside screened room

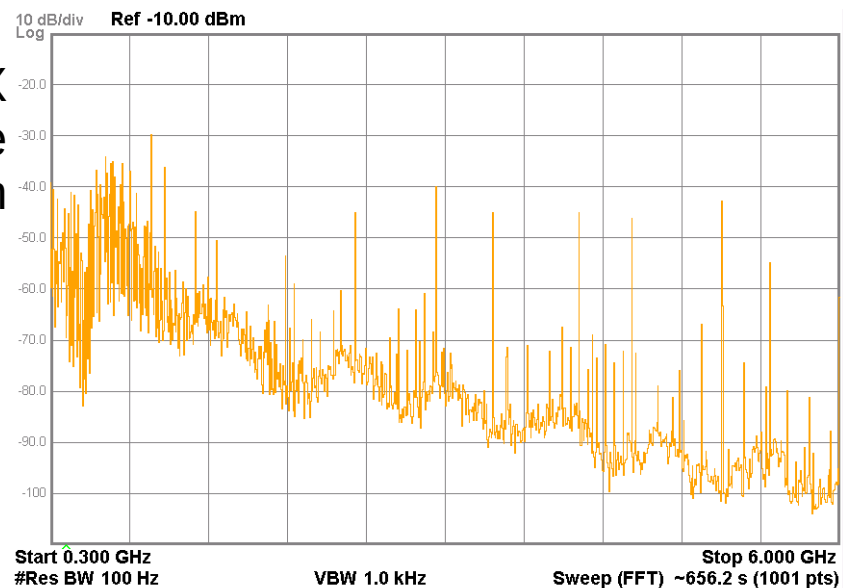


# Results:

GreX enclosure closed



GRex  
enclosure  
open



GRex  
enclosure  
closed  
& absorbers

