

General Update

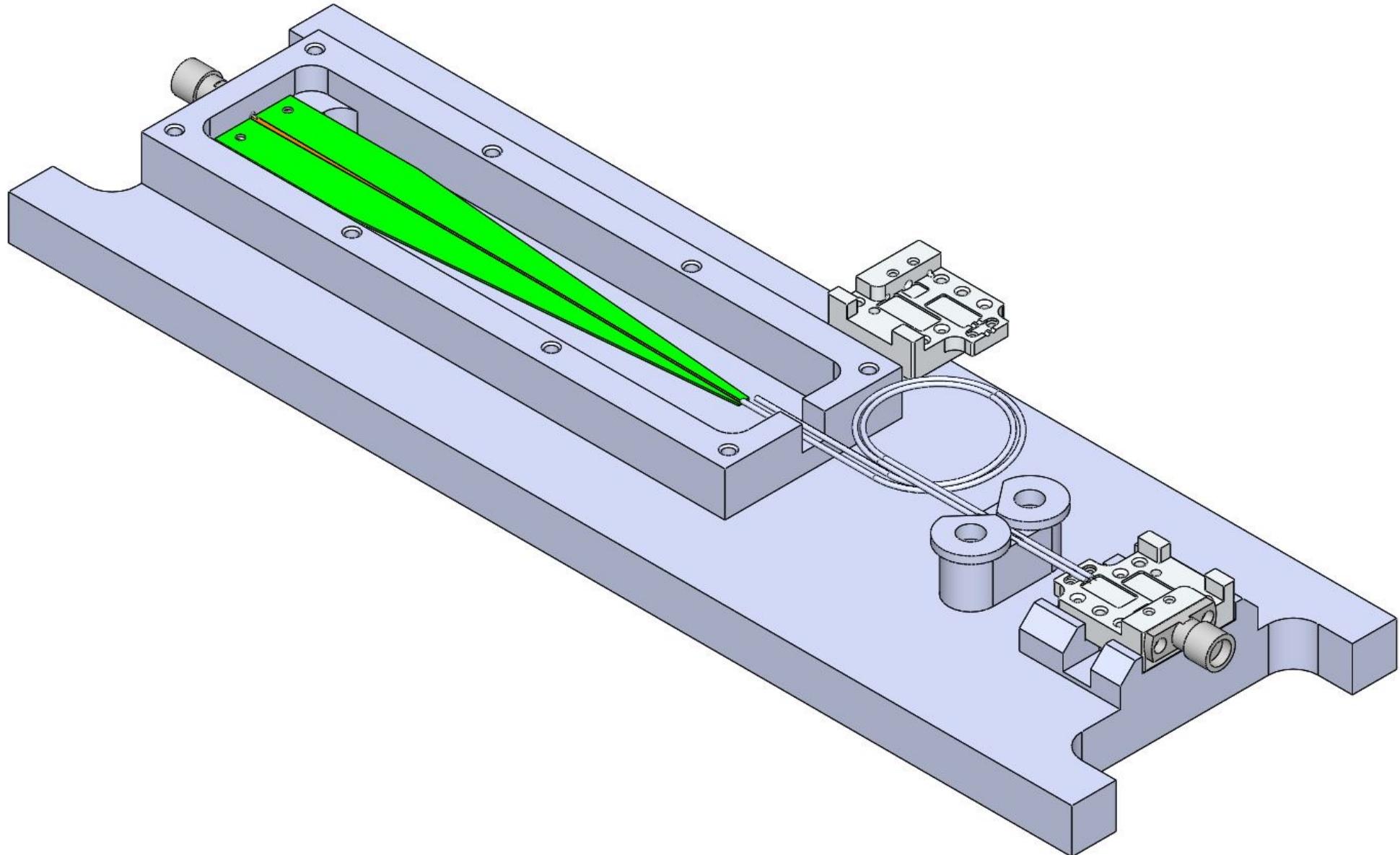
- Attemplifier Module DONE
- Array Reboot DONE
- SPR
 - Cable management analog rack installation ongoing
 - LO distribution
 - NVME storage installed in obs-node1
 - 2x 2080TI installed in obs-node1
 - Sandbox, SIS1 retired
 - AC replacement
- Design work:
 - LO distribution
 - Weather station data connection and power supply
 - Enclosure Control unit for PAX testing (LNA testing)
 - LNA test rig
- Antonio Feed
 - LNAs build and tested, waiting evaluation.
 - Feed 014 installed and tested 2E
 - Feed 011 needed diaphragm replacement, installed 2J
 - Feed 008 currently at vacuum test (install tomorrow / Monday) 2M
 - Need to investigate feed 016 LNAs
 - Update feed firmware with longer vacuum times
 - Install new pyramids in feeds:
 - Test vacuum (24h)
 - Install on antenna and cool down(24h)
 - Tsys measurement with absorber

Minex Engineering Schedule for SETI Work:

Quote	Purchase	Qty	Description	February 22 23 24 25 26	March 1 2 3 4 5	March 8 9 10 11 12	March 15 16 17 18 19
PO 3600	PO 3600	40 ea	Fabricate new coax cables.				
		3 ea	Install new coax on existing LNAs.				
		3 ea	Fabricate new LNA Modules.				
		3 ea	Feed complete with Modules & tip links.				
			Feed SN 008, 011, 014				
210201A	PO 3626		Recive new LNAs and modify coax.				
		6 ea	Prep pyramid & arms for plating.				
		6 ea	Pyramids & arms to plater.				
			Feed SN 001, 003, 010, 016, 017, ???				
210202A	PO 3627	6 ea	Fabricate new LNA Modules.				
		6 ea	Feed complete with Modules & tip links.				
			Feed SN 001, 003, 010, 016, 017, ???				
210203A	PO 3628	6 ea	Pyramid, solder and complete.				
		6 ea	Arm sets, solder and complete.				

Minex:

- LNA test JIG

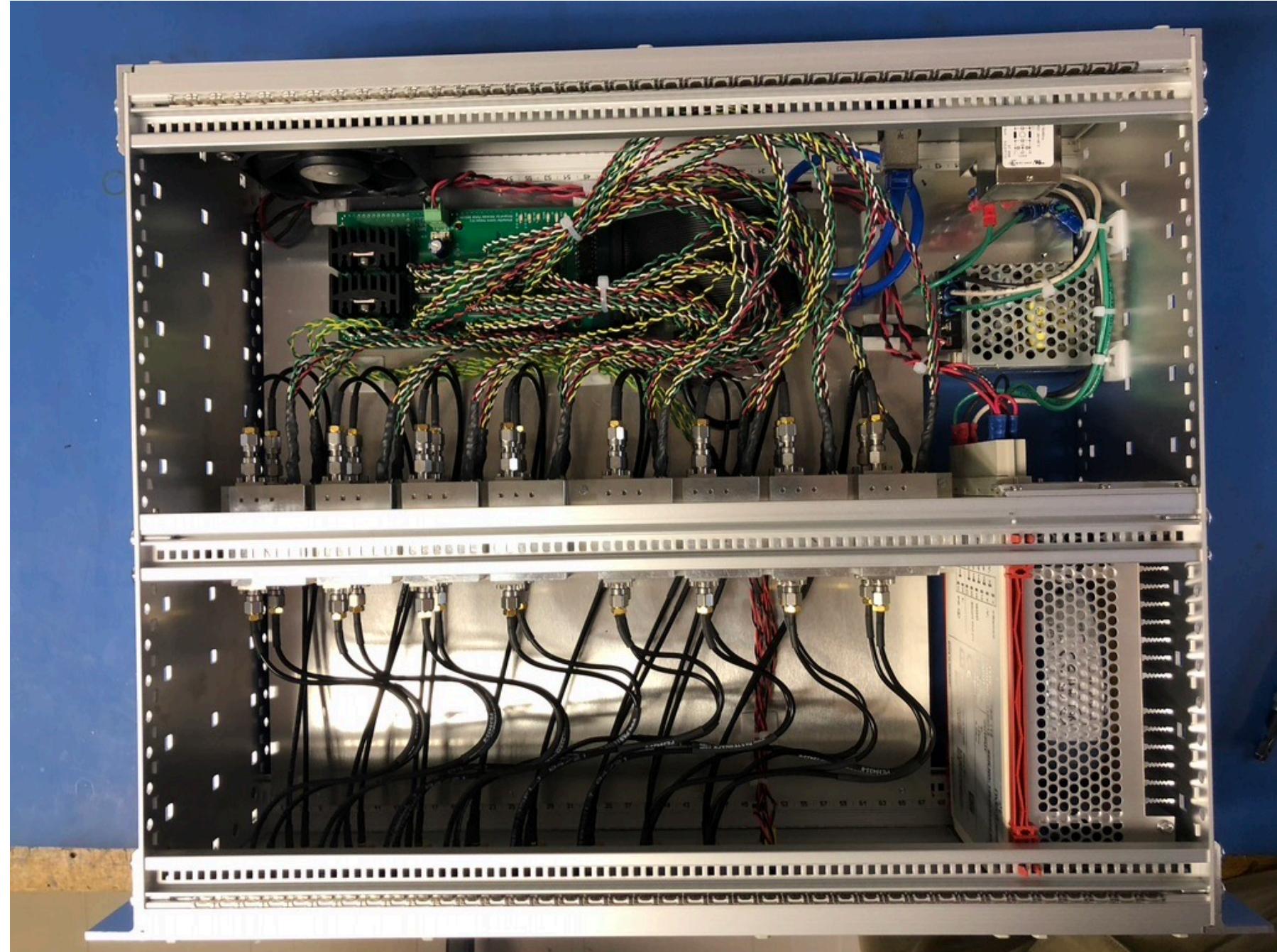


Engineering Down Time:

- Array Reboot
 - 1K control box ran out of storage
 - 2-month cycle to reboot array
- Together with Todd found problem that caused antennas to be unusable after reboot for 24h
- Moved Control host into new rack



Attemplifier Module

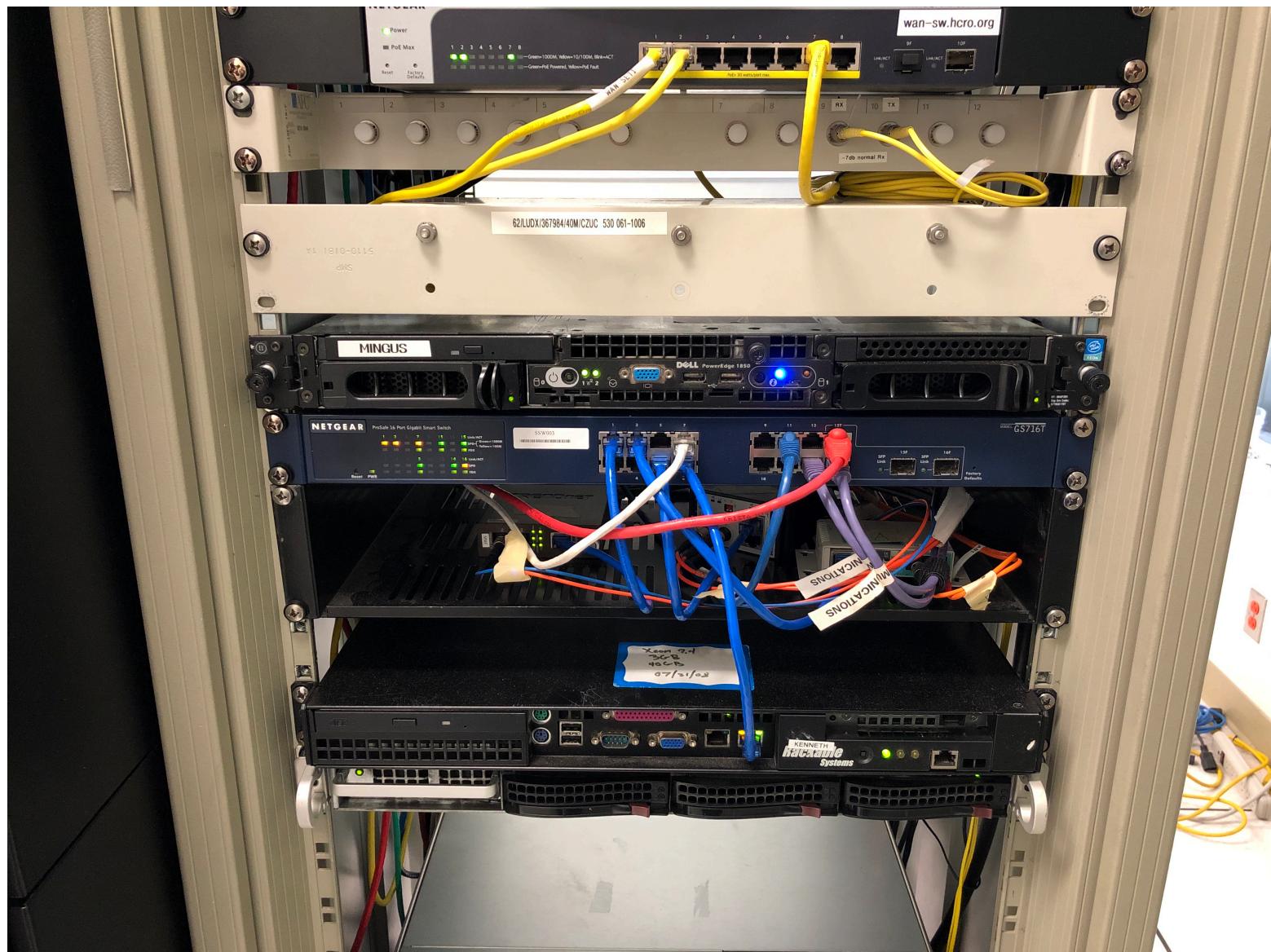


Attemplifier Module



DMZ configuration

- Berkeley Seismology Lab
- GPS receiver UNAVCO
- Retire SRI firewall and and DMZ network



Design work

- Weather station data connection and power supply

