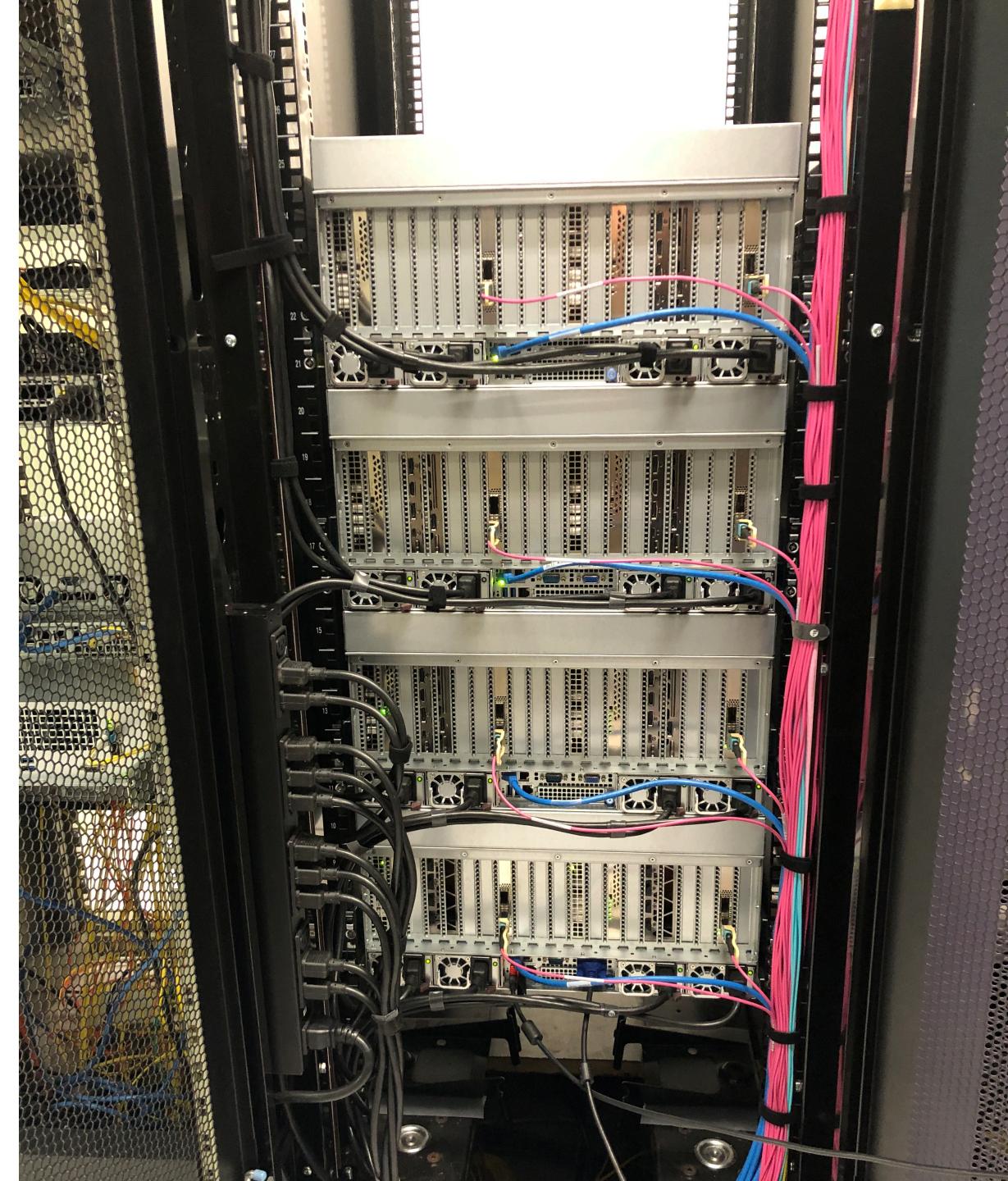


Antonio Feed update

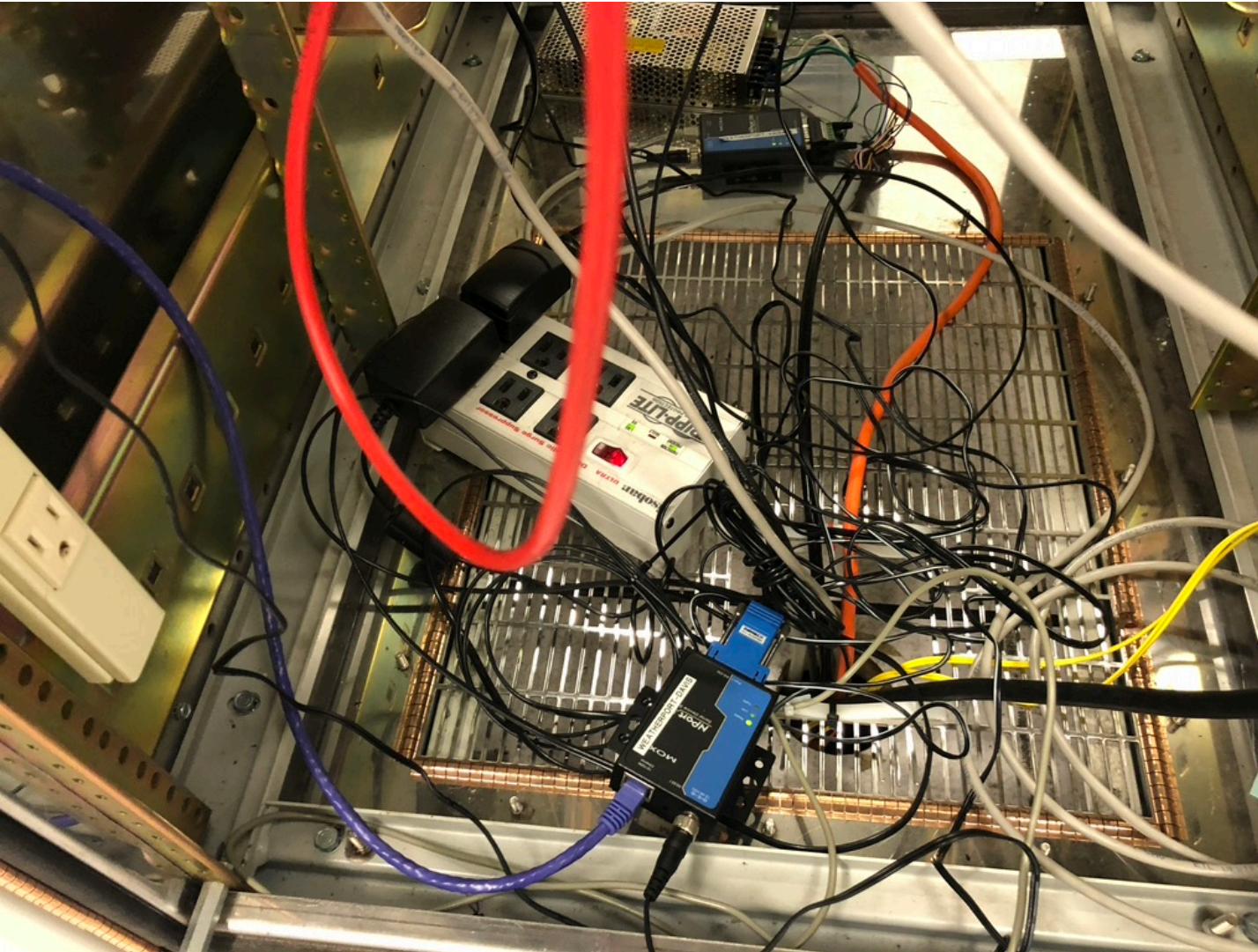
General Update

- SPR
 - Planning of tone measurement of RFCBs
 - Planning of power measurement after RF 4-way splitter
 - Investigate IF ripples
- Observing Campaign
 - SETI-nodes OS INSTALLED
 - Can't boot from U.2 drive
 - NVME buffer ready (74.14 Gbps)
 - Storage drive raid build in progress (16 disks)
 - Ldap setup DONE
 - Shared mounts DONE
 - Ansible setup DONE
 - Cloning OS to other 3 machines
- General update
 - LNF 6 spare LNAs ORDER PLACED
 - Station Clock INSTALLED
 - Components for RFSoC enclosure ordered ARRIVED
 - Missing optocoupler PCB design
 - IF gain Control
- Feeds – (003, 004, 008, 010, 011, 014)
 - MINEX:
 - 1 feed DONE
 - second should be done by tomorrow
 - two more will follow next week
 - control board mounting sets ARRIVED
- Trip to Minex on the sometime between 21 - 25 of December

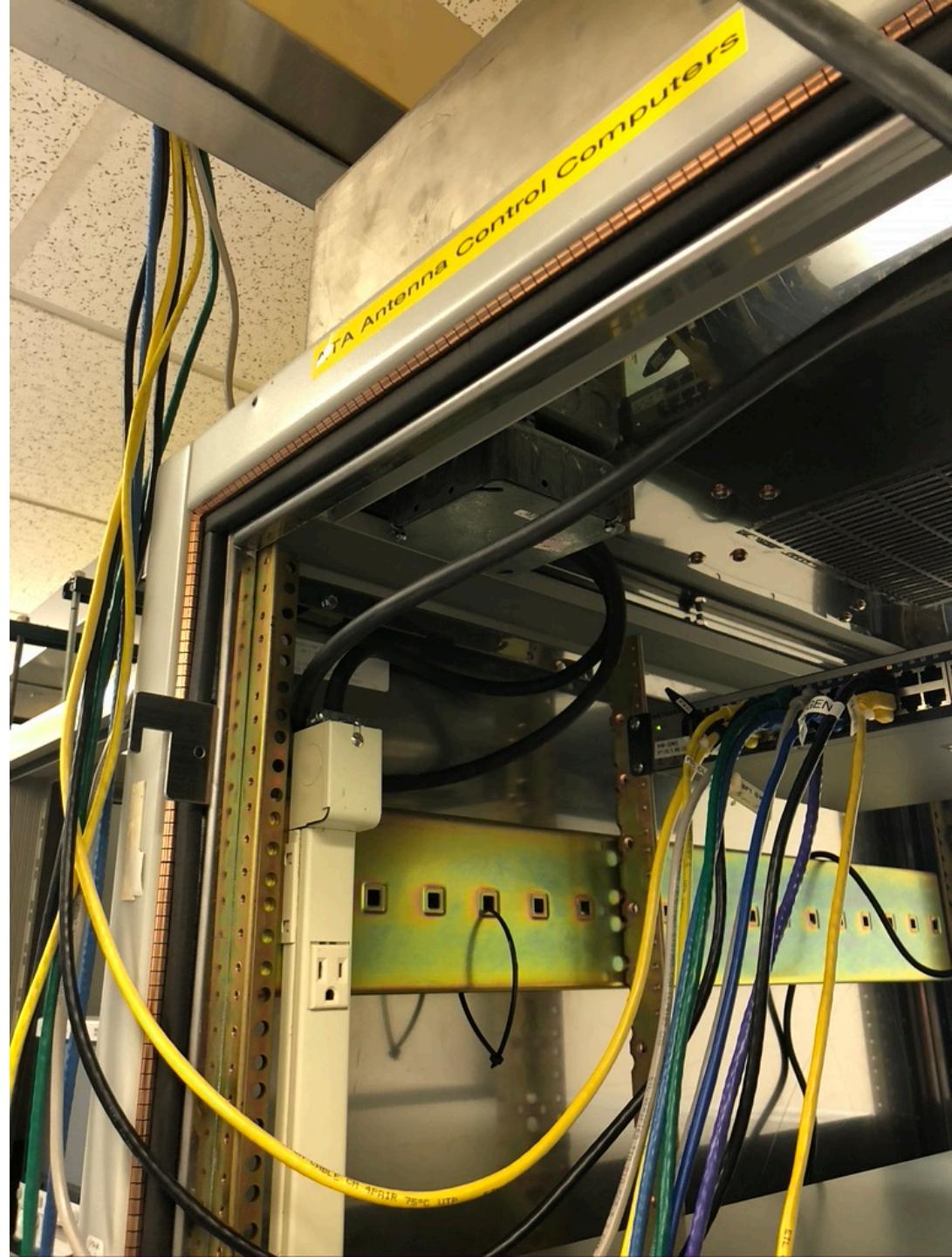
SETI-nodes



SPR power distribution



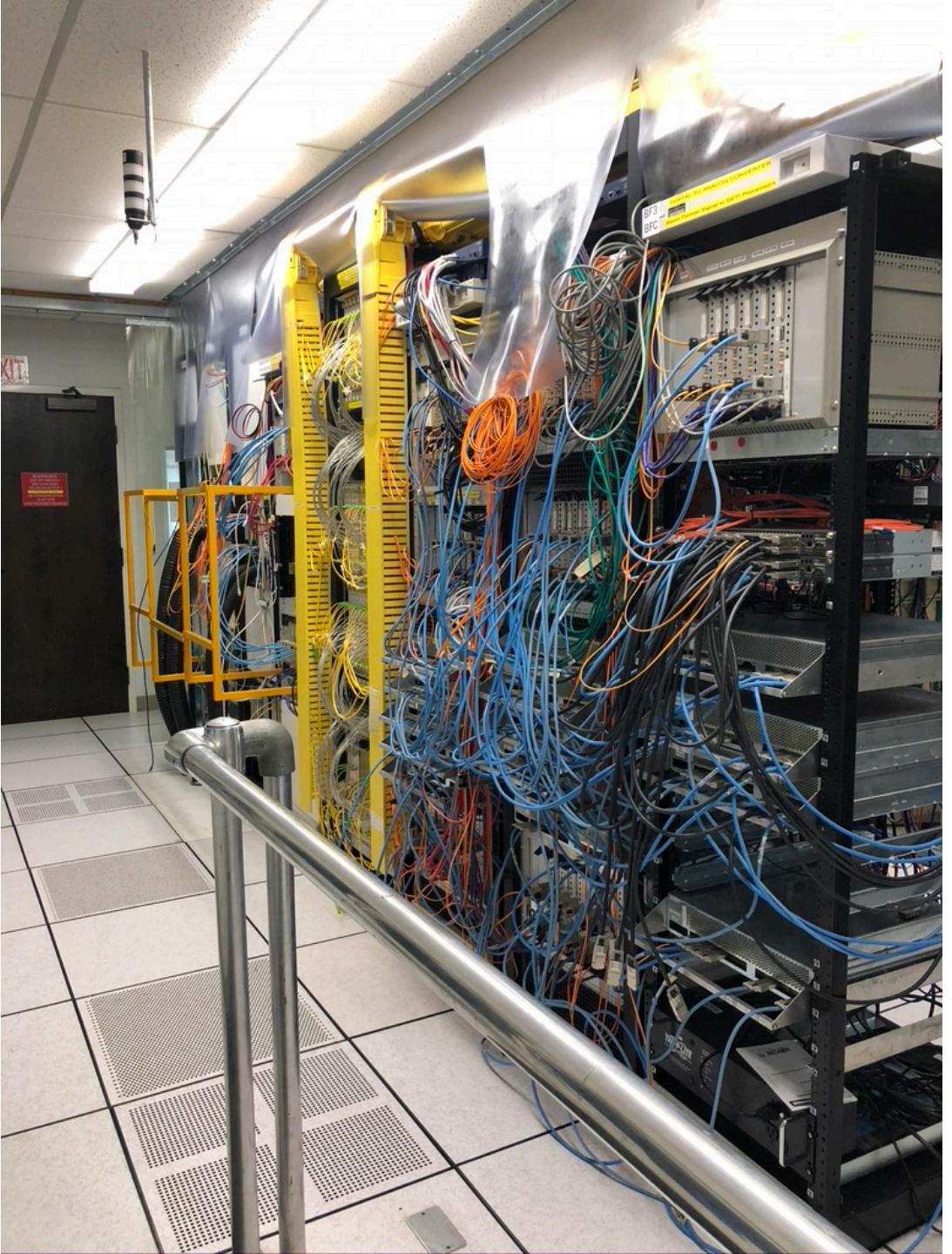
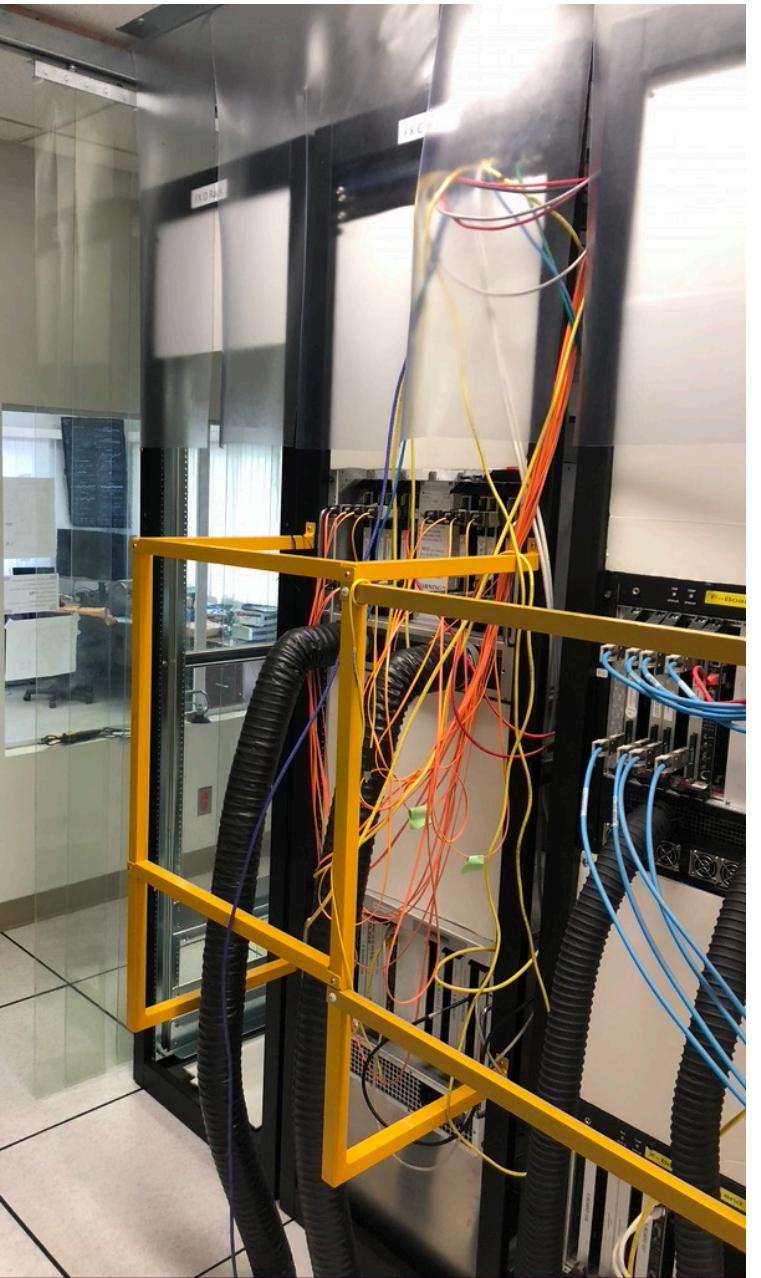
SPR power distribution



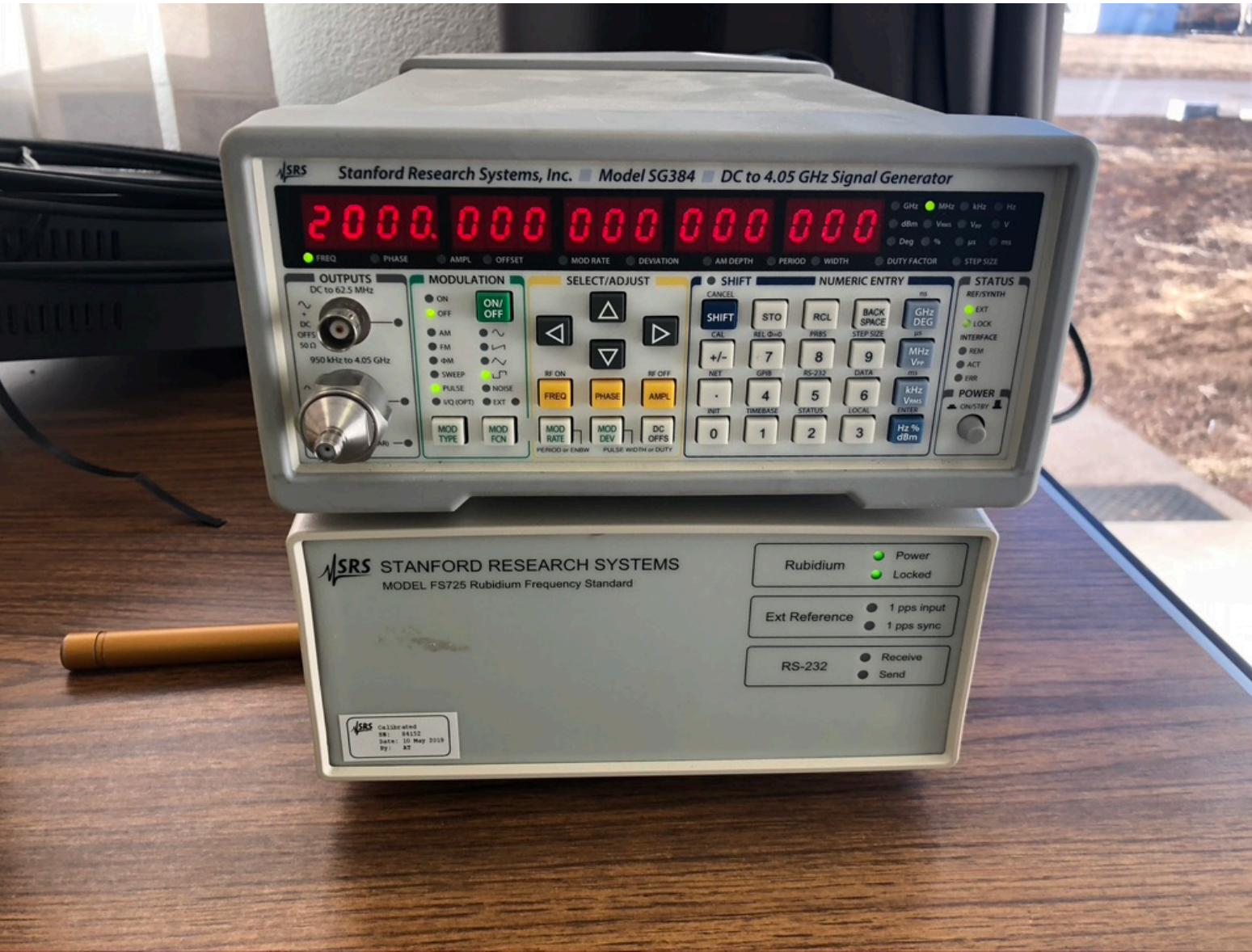
SPR removal of old hardware



SPR removal of old hardware ?



LO Stability Measurement



Feed List		Vibration Measurements		
Number	Installed Ant.	Initial, before tuning	Tuned Value	Followup measurement
5C4-002	Feed Lab			
5C4-003	Feed Lab (5B)			
5C4-004	Feed Lab (2E)			
5C4-005	2A			
5C4-006	4J		X=0.15 Y=0.13 Z=0.10	
5C4-007	Feed Lab			
5C4-008	Feed Lab (1G)			
5C4-009	Minex			
5C4-010	Feed Lab (2B)			
5C4-011	Feed Lab (3L)			
5C4-012	1K		X=0.32 Y=0.09 Z=0.14	
5C4-013	Feed Lab (1H)		X=0.12 Y=0.06 Z=0.22	
5C4-014	Feed Lab (2J)			
5C4-015	Minex			
5C4-016	Minex			
5C4-017	Minex			
5C4-018	2H			
5C4-019	1C			
5C4-020	3C			

Cables missing

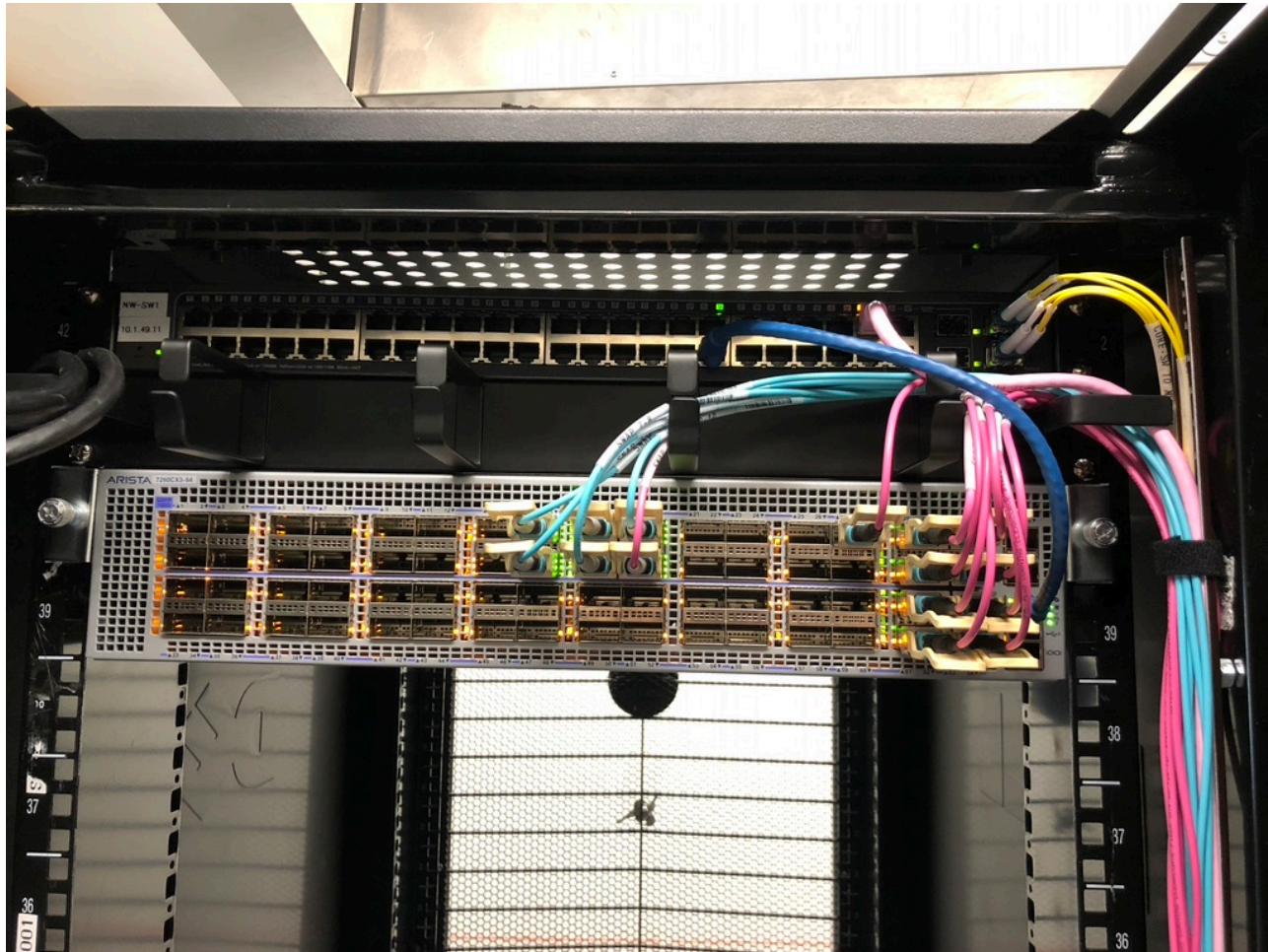
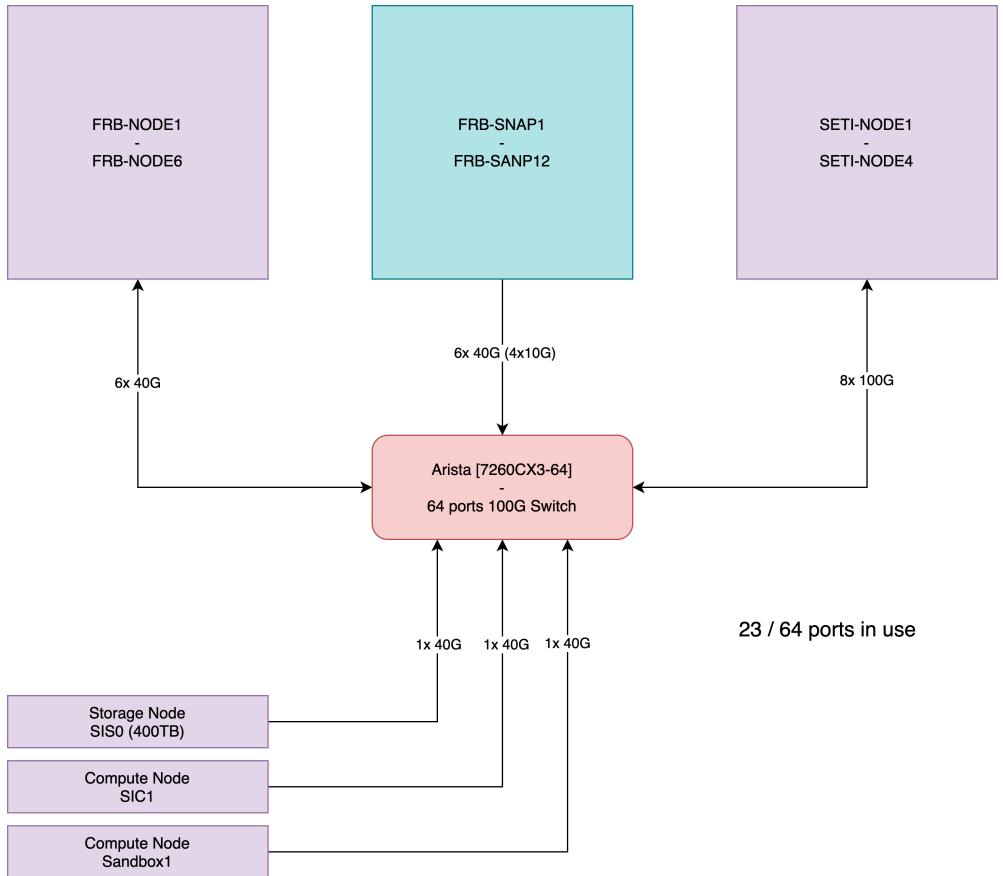
- Feed Base
 - Cryo-Cooler DONE
 - RS232 Cable DONE
 - Fan cable DONE
 - Cryostat Cable (consists of 3 individual cables) DONE

Minex

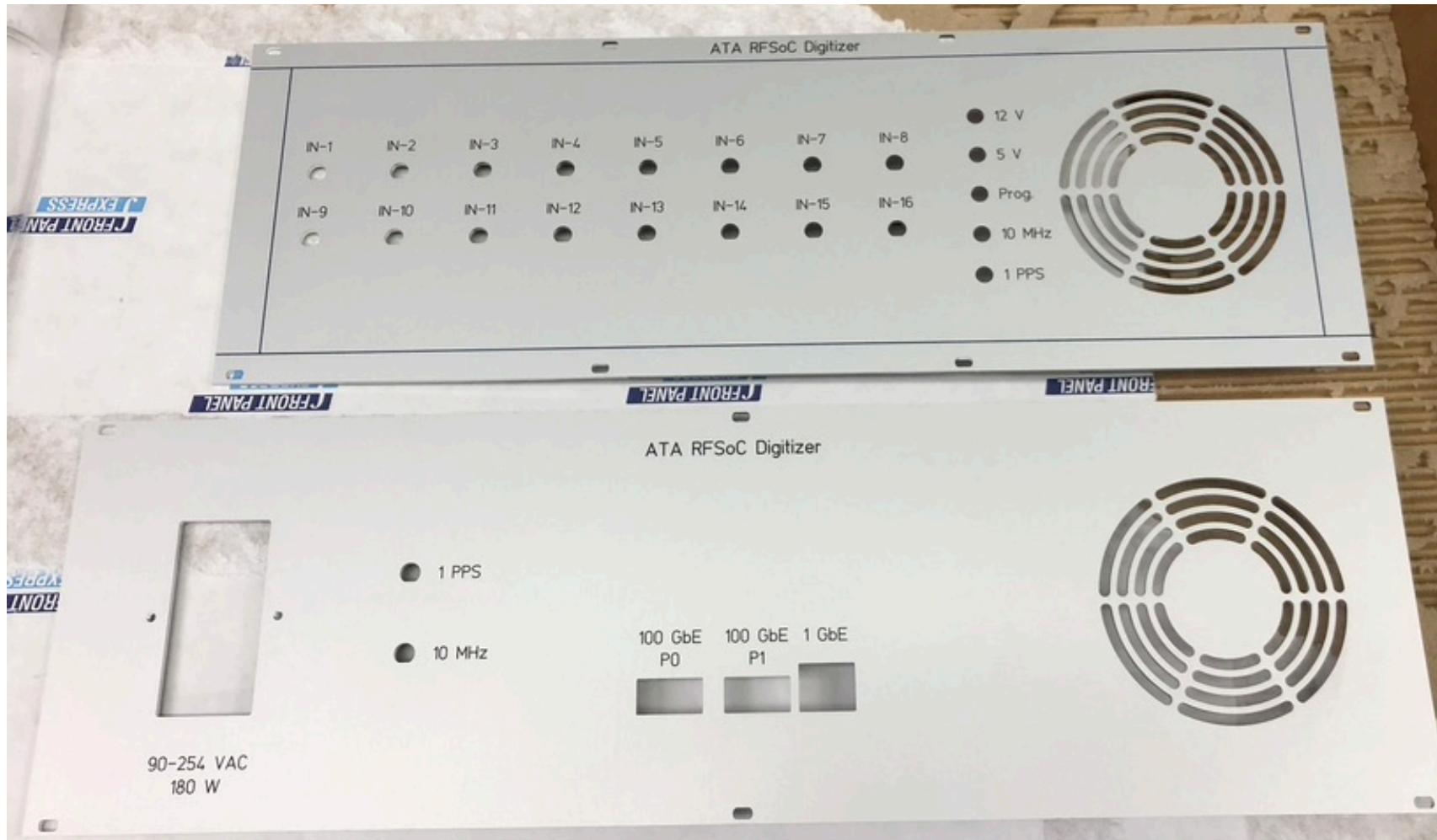
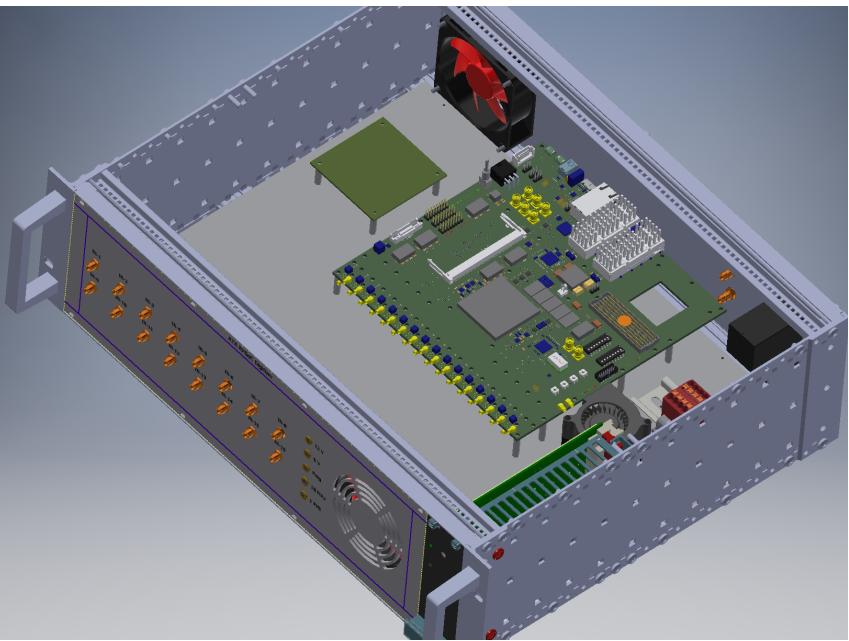
- 6 Feed Pyramids fully assembled
- 4 base plates COLLECTED
- control board mounting sets WILL ARRIVE ON MONDAY



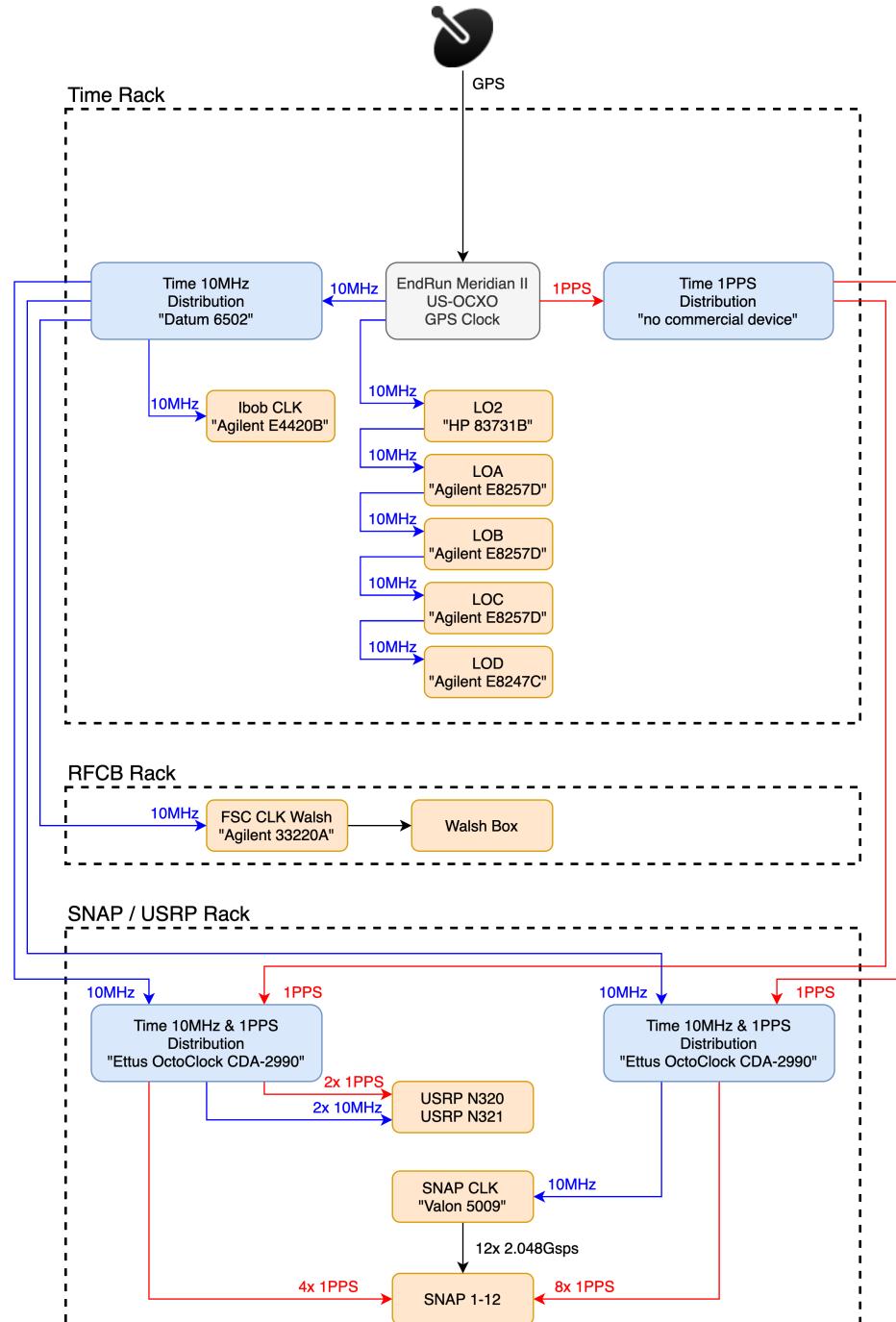
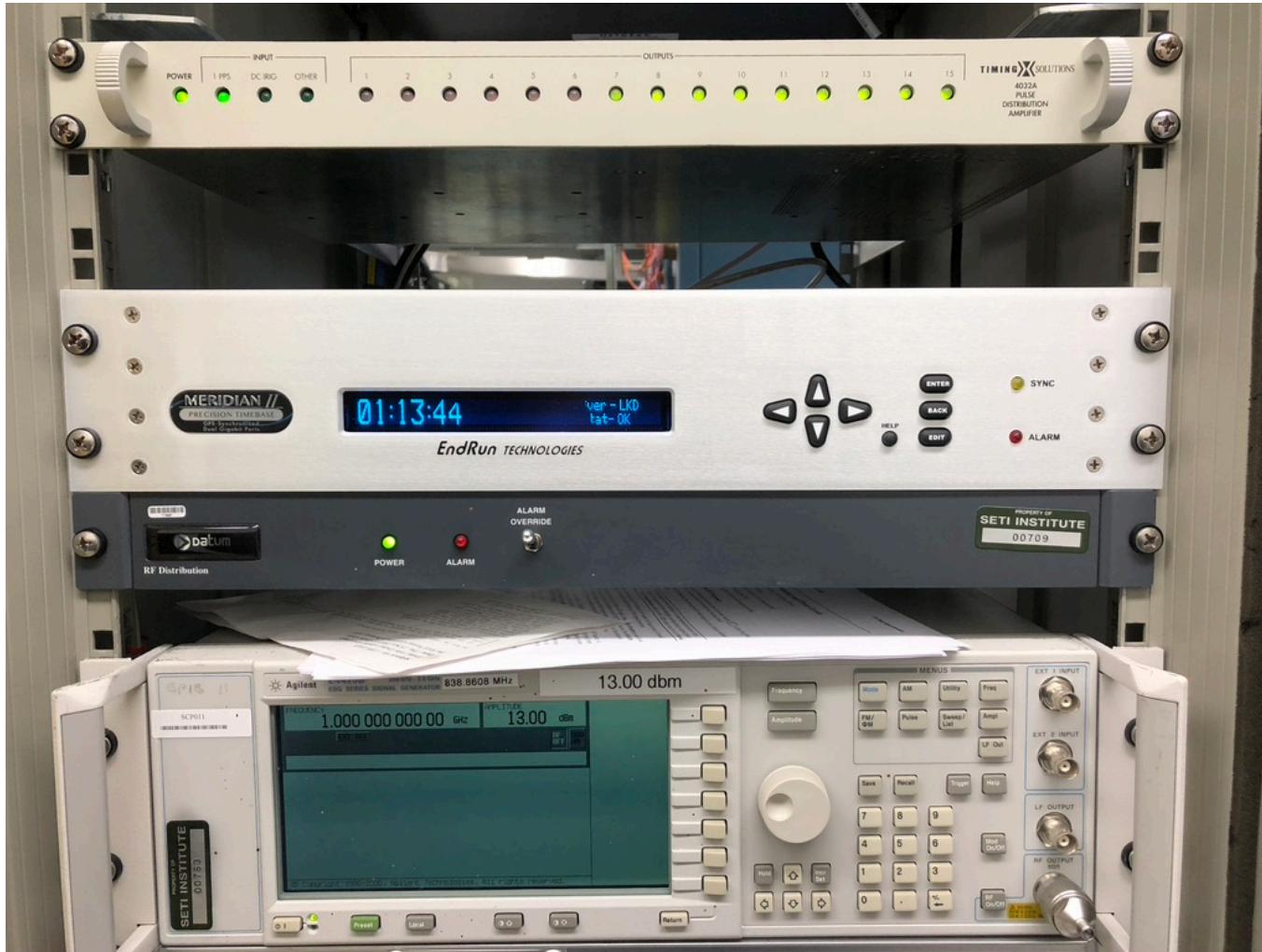
Compute Infrastructure 100G



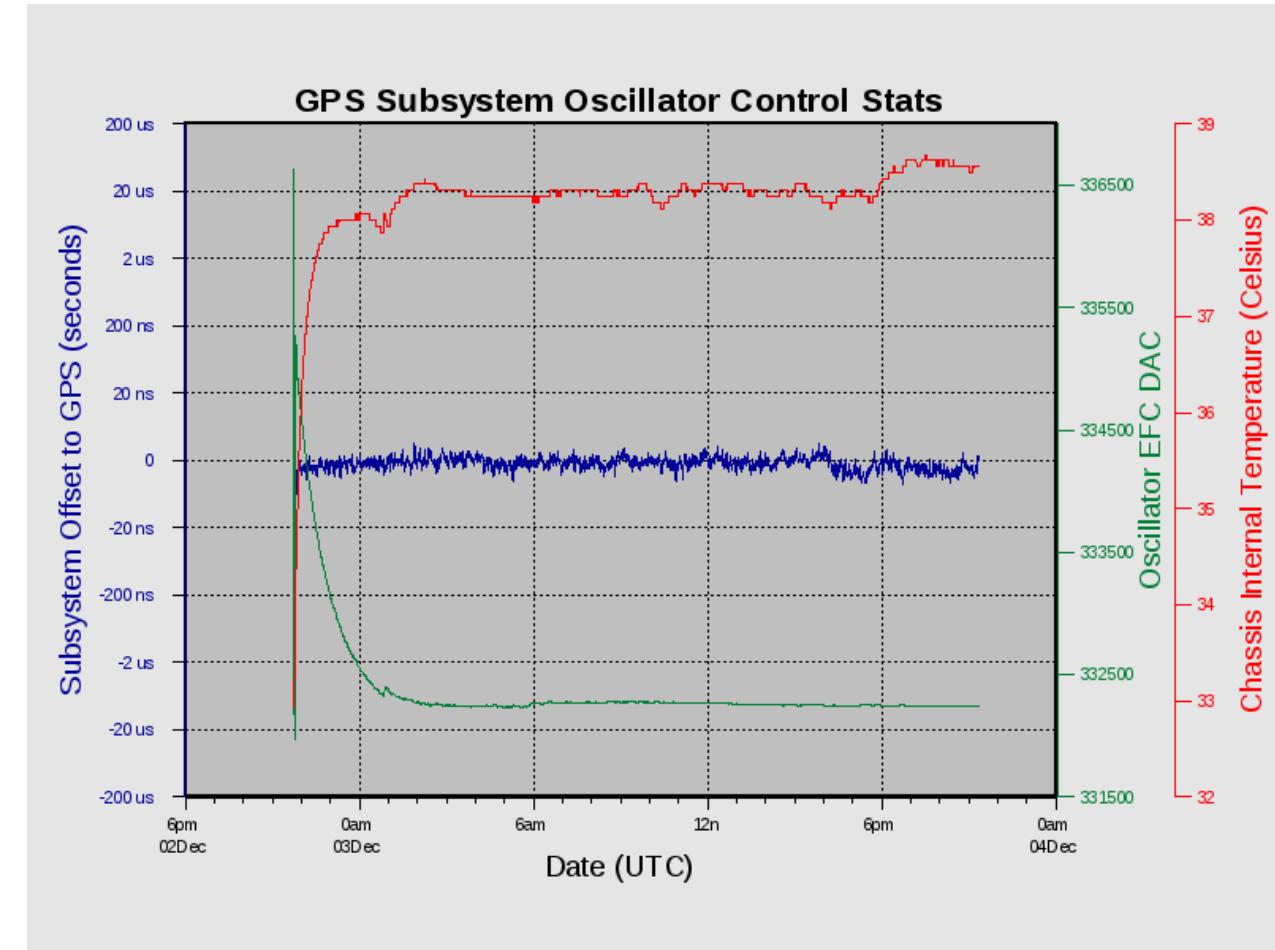
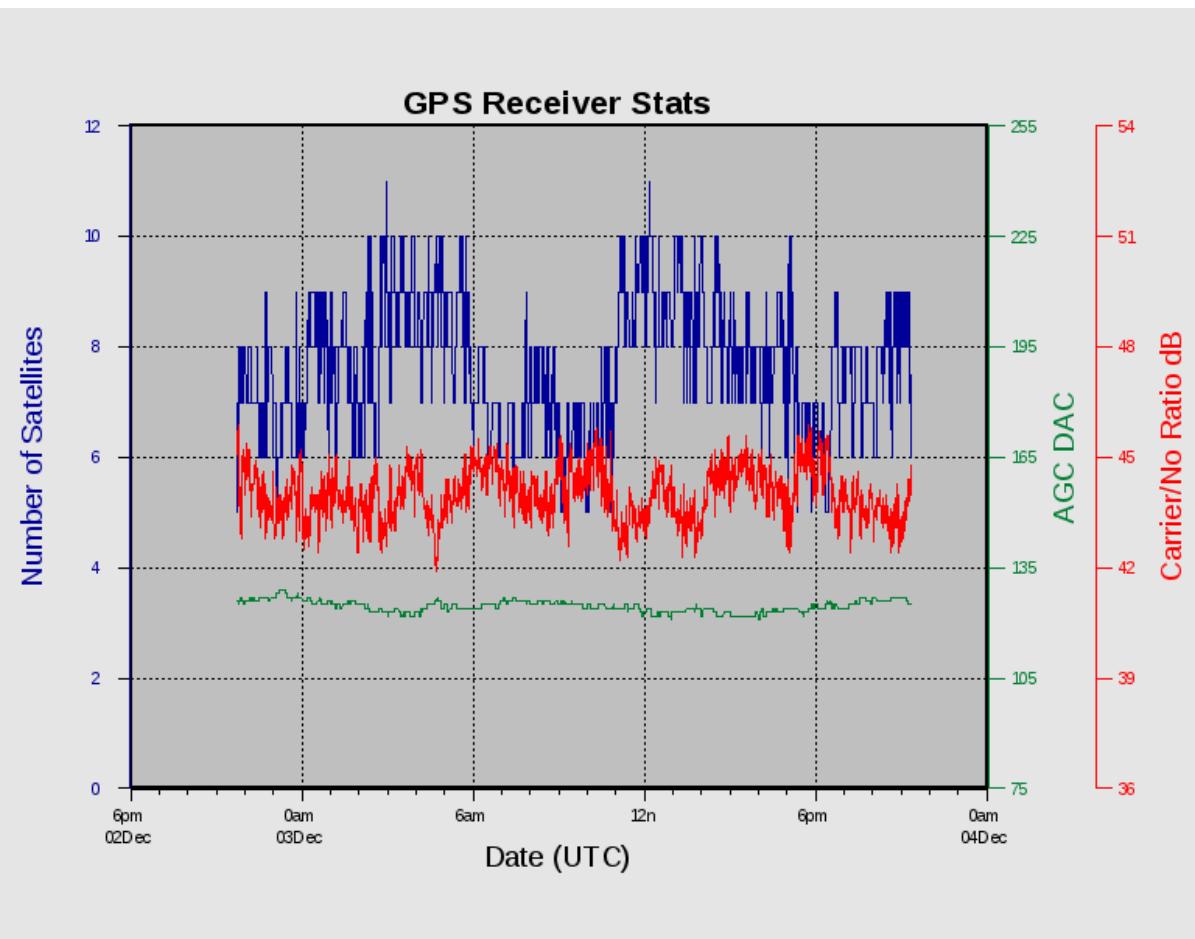
RFSoC Enclosure



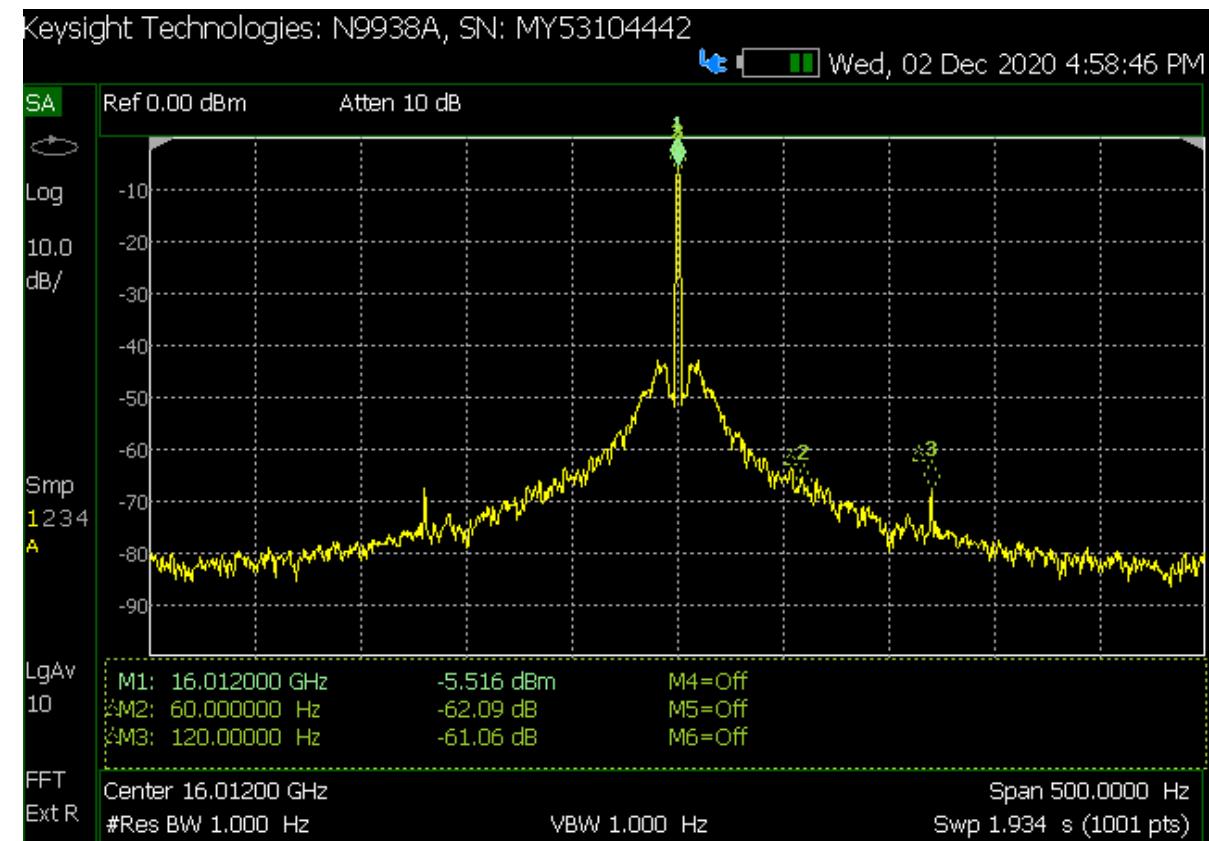
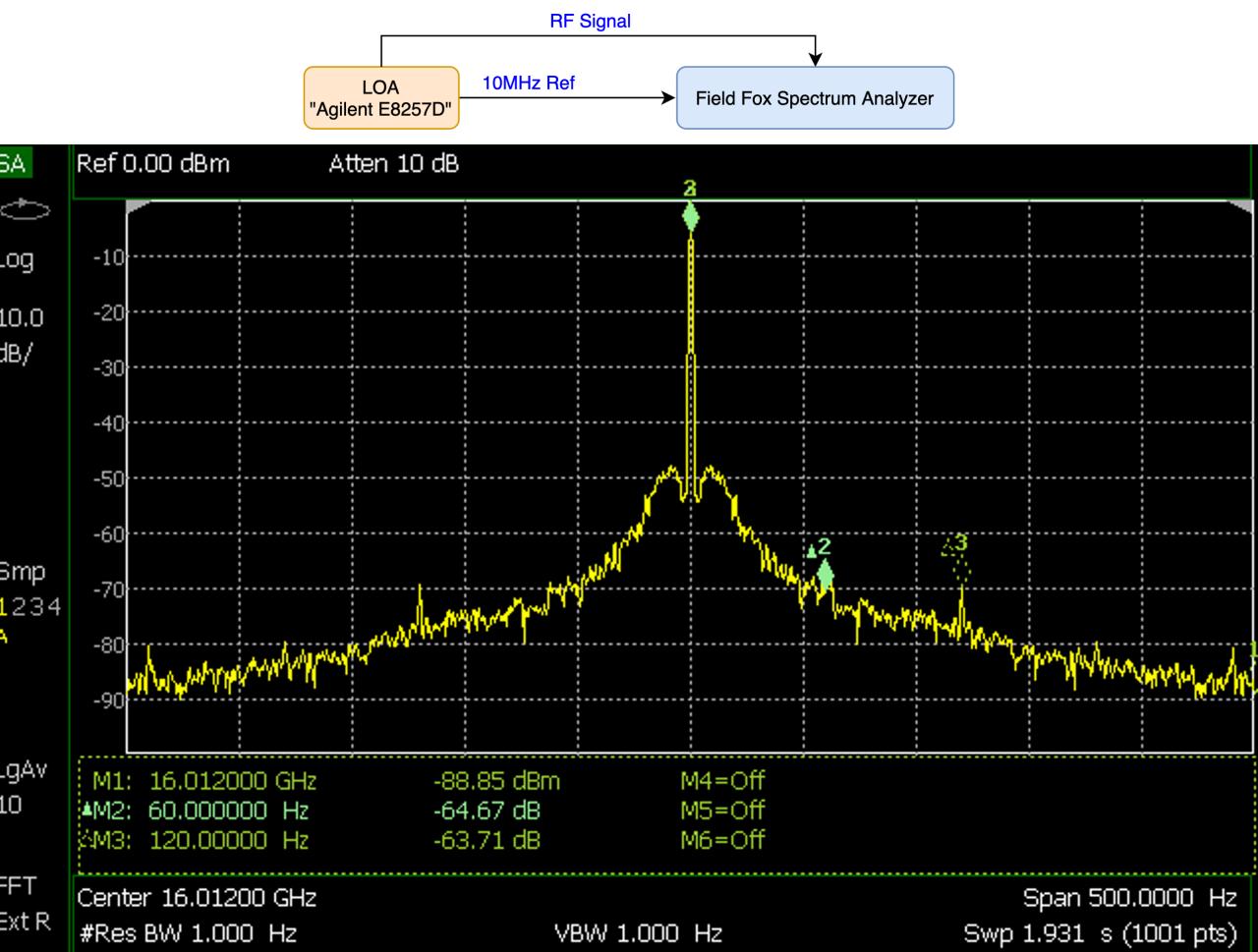
Station Clock



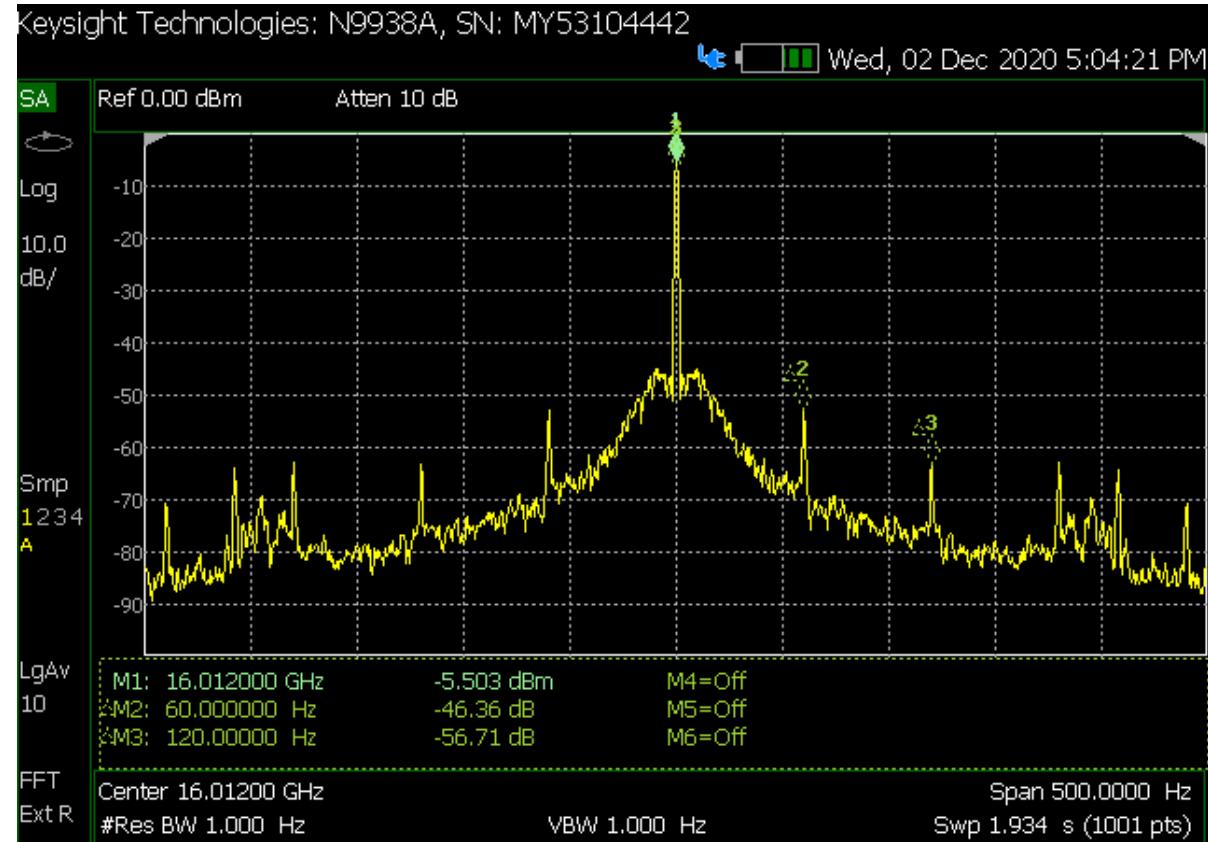
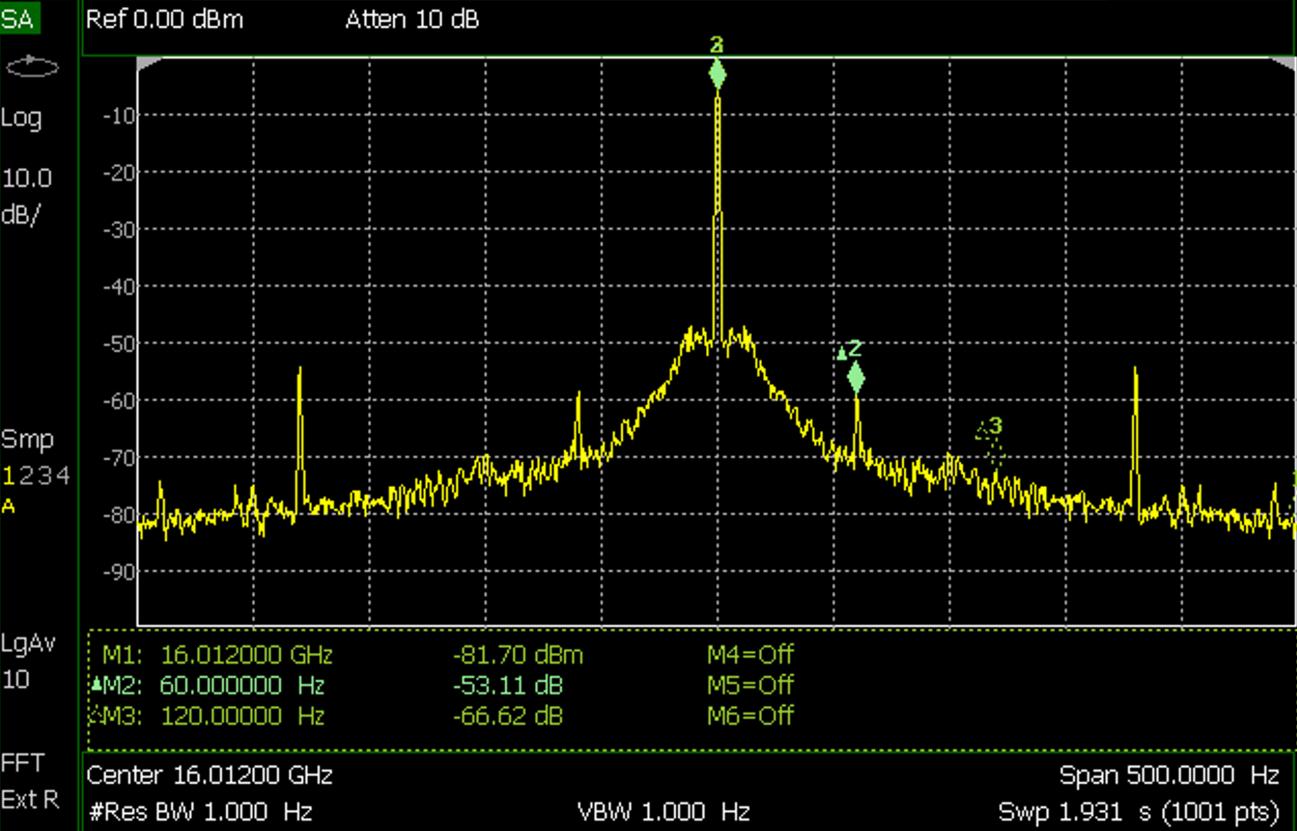
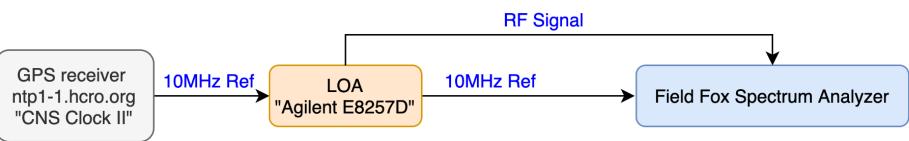
Station Clock



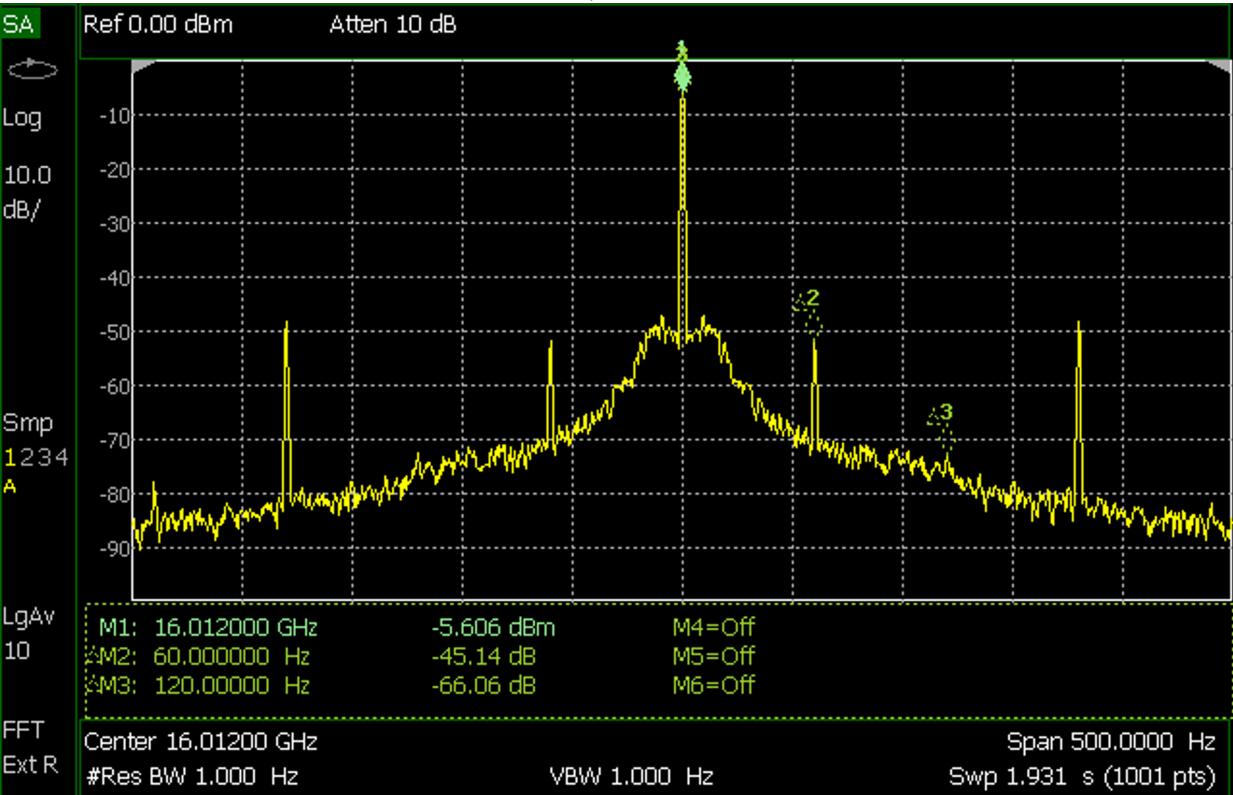
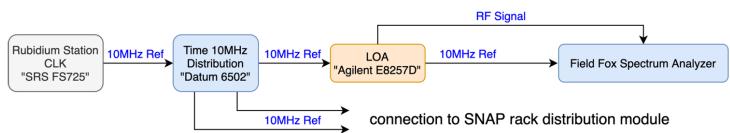
LOA



LOA



LOA



Keysight Technologies: N9938A, SN: MY53104442

