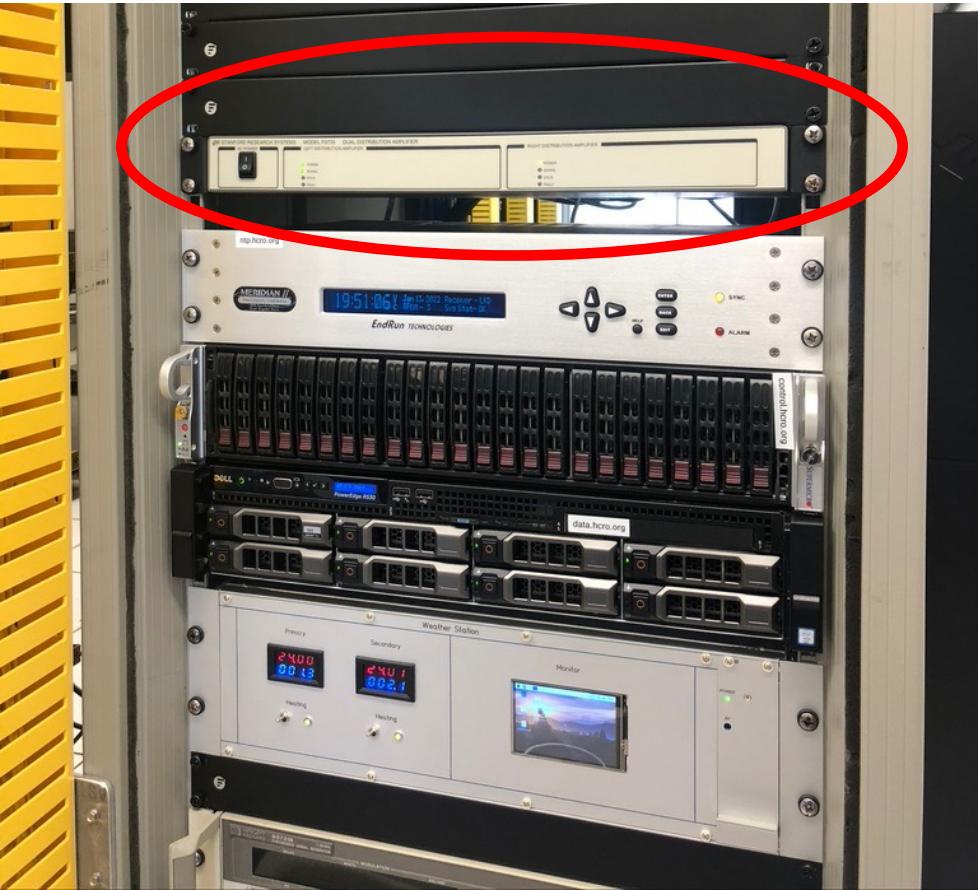


General Update

- SPR
 - Install of additional 30A sockets for rack power supply
 - Replaced 1PPS and 10MHz distribution amplifier
 - Update internet to 2Gbit (for NRDZ)
 - Update Firewall and Core Switch
- Antonio Feed
 - Maintenance plan for Antonio Feeds
 - 1E showed vacuum system failure
 - 2B showed vacuum problems at low temperature
- Documentation:
 - Uploaded memos to GitHub
 - In process of writing up RFSOC design
- CHIME:
 - Geotechnical 24th and 25th of January
 - Clearing field
 - Shasta County Use Permit APPROVED
- NRDZ
 - 1st sensor installed
 - White Rabbit timing arrived
 - Next sensor installation planned for March
 - Compute node arrived
 - Storage node expected in February
- ATA full buildout
 - PAM design and prototype
 - PAX control board (Mike / Todd)
 - Control Box replaced on all antennas
- Power outage last week for approximately 24h

SPR:

- 30A sockets installed for GPU compute racks
- 20A sockets installed for ATA control rack and fiber racks
- 1PPS and 10MHz distribution amplifier replaced



Antenna retrofit:

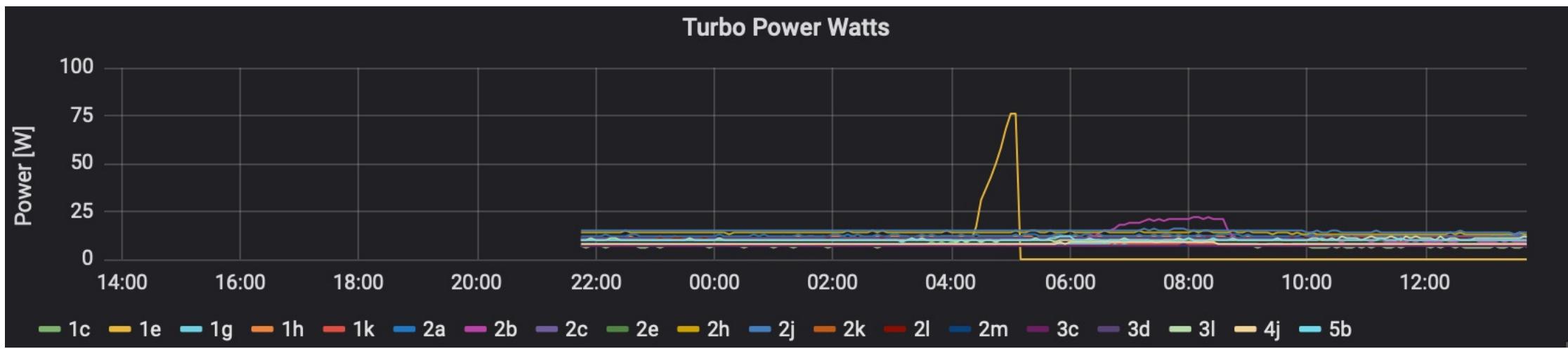
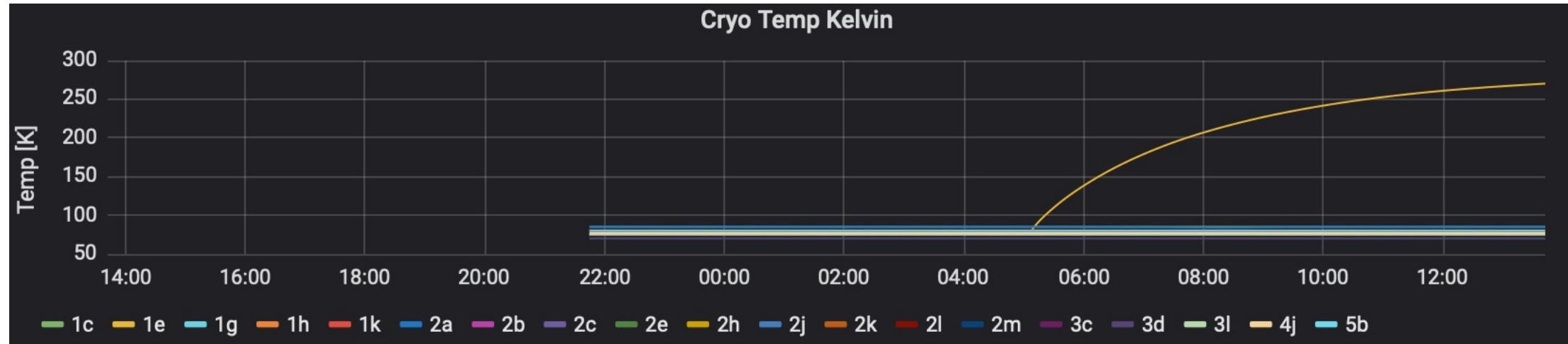
- All old Control boxes are replaced and spare parts available
- 8 spare complete control boxes (3 will be used for collision triangle)
- 12 spare control PCBs



Ant	Feed Version	Antennas			Communication		
		Feed installed	Control Box	Rim Box	Pax Box	Drive Box	
1A	V1	YES	x	x	x	x	x
1B	V2	-	x	x			x
1C	V2	YES	x	x	x	x	x
1D	V2	-	x	x			x
1E	V2	YES	x	x	x	x	x
1F	V1	YES	x	x	x	x	x
1G	V2	YES	x	x	x	x	x
1H	V2	YES	x	x	x	x	x
1J	V2	-	x	x			x
1K	V2	YES	x	x	x	x	x
2A	V2	YES	x	x	x	x	x
2B	V2	YES	x	x	x	x	x
2C	V2	YES	x	x	x	x	x
2D	V1	-	x	x			x
2E	V2	YES	x	x	x	x	x
2F	V2	-	x	x			x
2G	V1	-	x	x			x
2H	V2	YES	x	x	x	x	x
2I	V2	YES	x	x	x	x	x
2K	V2	-	x	x			x
2L	V2	YES	x	x	x	x	x
2M	V2	YES	x	x	x	x	x
3C	V2	YES	x	x	x	x	x
3D	V2	YES	x	x	x	x	x
3E	V1	-	x	x			x
3F	-	-					
3G	-	-					
3H	-	-					
3I	V1	-	x	x			x
3L	V2	YES	x	x	x	x	x
4E	V1	-	x	x			x
4F	V1	-	x	x			x
4G	V1	YES	x	x	x	x	x
4H	V1	-	x	x			x
4L	V2	YES	x	x	x	x	x
4K	V1	-	x	x			x
4L	V1	-	x	x			x
5B	V2	YES	x	x	x	x	x
5C	V1	YES	x	x	x	x	x
5E	V1	-	x	x			x
5G	V1	-	x	x			x
5H	V1	-	x	x			x

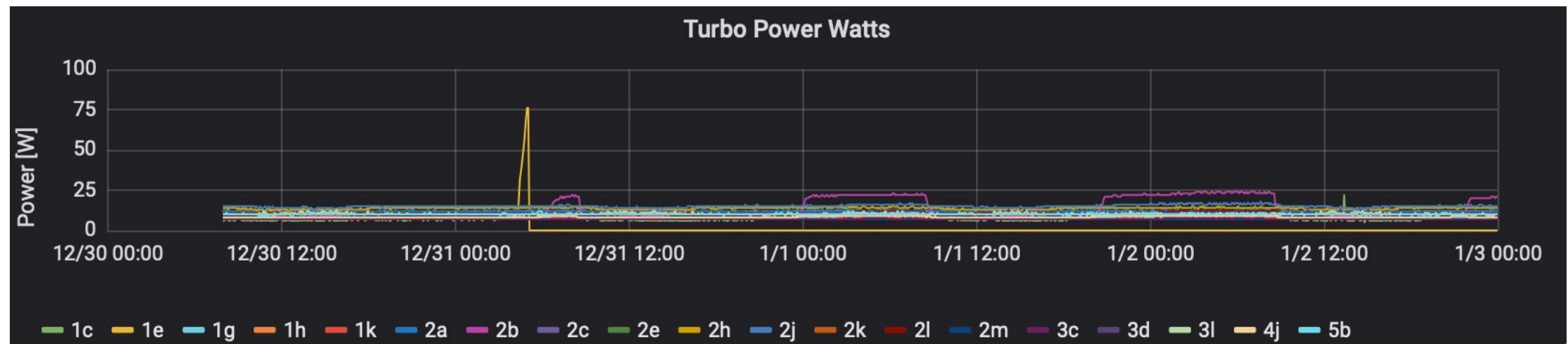
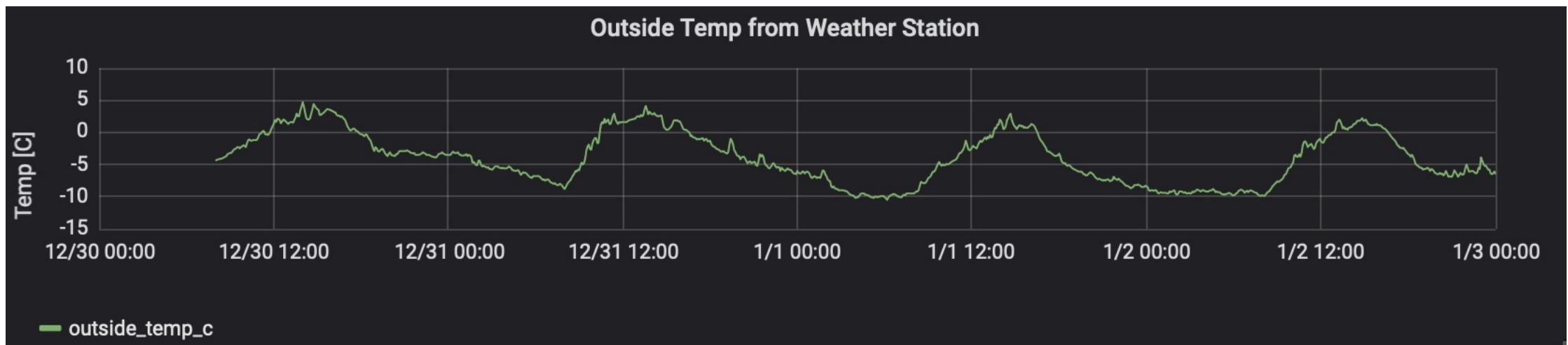
1E:

Warmed up as part of safety shutdown



2B:

Shows increased turbo power consumption.



15 meter antenna after snowfall:



URSI 2022 meeting Boulder Colorado: NATIONAL RADIO SCIENCE MEETING



The National Academies of
SCIENCES • ENGINEERING • MEDICINE



[Link to the Video](#)

The video player interface includes the following elements:

- Logo:** ?ETI INSTITUTE
- Speaker:** A small video window in the top right corner shows a man speaking.
- Caption:** The Hat Creek Radio Observatory
Instrumentation Development for
Radio Technosignature Searches
- Video Controls:** A progress bar at the bottom left shows 02:43:53 / 03:04:52, a play button, and a volume icon.
- Presenter:** Alex Speed

master	Front-Page / MEMOS /	Go to file	Add file	...
 AlexanderPollak	added attempter memo	0d4320d 26 seconds ago	 History	
..				
 2019-10 Antenna Tsys Measurement	added memos			4 months ago
 2020-01 Snap Board Enclosure	updated correct date of document			last month
 2020-02 PAX Power Level Control Software	added memos			4 months ago
 2020-09 ATA Dynamic Range Report	added memos			4 months ago
 2020-10 RFCB-Measurement Report	added memos			4 months ago
 2021-03 Interface & Rate Sheet	replaced old rate sheet			2 months ago
 2021-04 Pointing-Calibration	fix formatting			last month
 2021-07 Antonio Feed Buildout	added memos			4 months ago
 2021-08 Tsys-Calibration(RonMaddalena)	updated memo			2 months ago
 2021-09 ATA Beamformer	Add ATA GUPPI file format description			23 days ago
 2021-12 Attempter Module	added attempter memo			26 seconds ago
 .DS_Store	added attempter memo			26 seconds ago
 Readme.md	Update Readme.md			14 months ago