

General Update

- SPR
 - Started measuring RFCB with known input – All tunings and polarizations
 - PAX Box update (Sarah)
 - PAM update (Jaz)
- System temperature measurements
 - Hot Cold with absorber, which included the fiber link to SPR
 - Elevation tipping measurement with same setup
- HCRO Facilities
 - Will setup a monthly meeting to discuss. First meeting will be in September.
 - AC, monitoring, maintenance, hcro.org, Berkeley House,...
 - If you want to be part, please let me know!

Antonio Feed update

- 4J – (006)
 - Inner feed assembly, LNA module (Minex)
 - Tuning Cryocooler
 - PAX Box calibrated
 - Initial testing / installation on antenna / TSYS
- 1H – (013)
 - Inner feed assembly, LNA module (Minex)
 - Requires all retrofits!
 - PAX Box calibrated
 - Initial testing / installation on antenna / TSYS
- Feeds – (003, 004, 008, 011, 014)
 - Base Plate, cooler flange exchange
 - New Wiring Harness
 - Removal and inspection of inner feeds
 - Transport Feeds to Minex
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Refurbishment Overview

- Antonio Feed Inventory

Feed List		Feed Revision Overview							
Number	Installed Ant.	Tip-Link: R03	Temp S. Isolation	New Harness	Bellow Removed	Cryo Tuned	Firmware 5.4	Gold-Plated	Preconditioned Coax
5C4-002	Minex								
5C4-003	Feed Lab (5B)			In Progress					
5C4-004	Feed Lab (2E)			In Progress					
5C4-005	2A								
5C4-006	Feed Lab (4J)	In Progress	x	x	x	In Progress	x	x	In Progress
5C4-007	Minex								
5C4-008	Feed Lab (1G)			In Progress					
5C4-009	Minex								
5C4-010	2B								
5C4-011	Feed Lab (3L)			In Progress					
5C4-012	1K	x	x	x	x	x	x	x	NA
5C4-013	Feed Lab (1H)	In Progress	x	x	x	In Progress	x	x	In Progress
5C4-014	Feed Lab (2J)			In Progress					
5C4-015	Minex								
5C4-016	SSL								
5C4-017	Minex								
5C4-018	2H	x	x	x	x	x	x	x	NA
5C4-019	1C		x	x	x	x			
5C4-020	3C	x	x	x	x	x	x	x	x

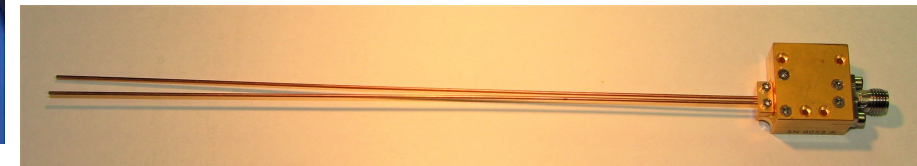
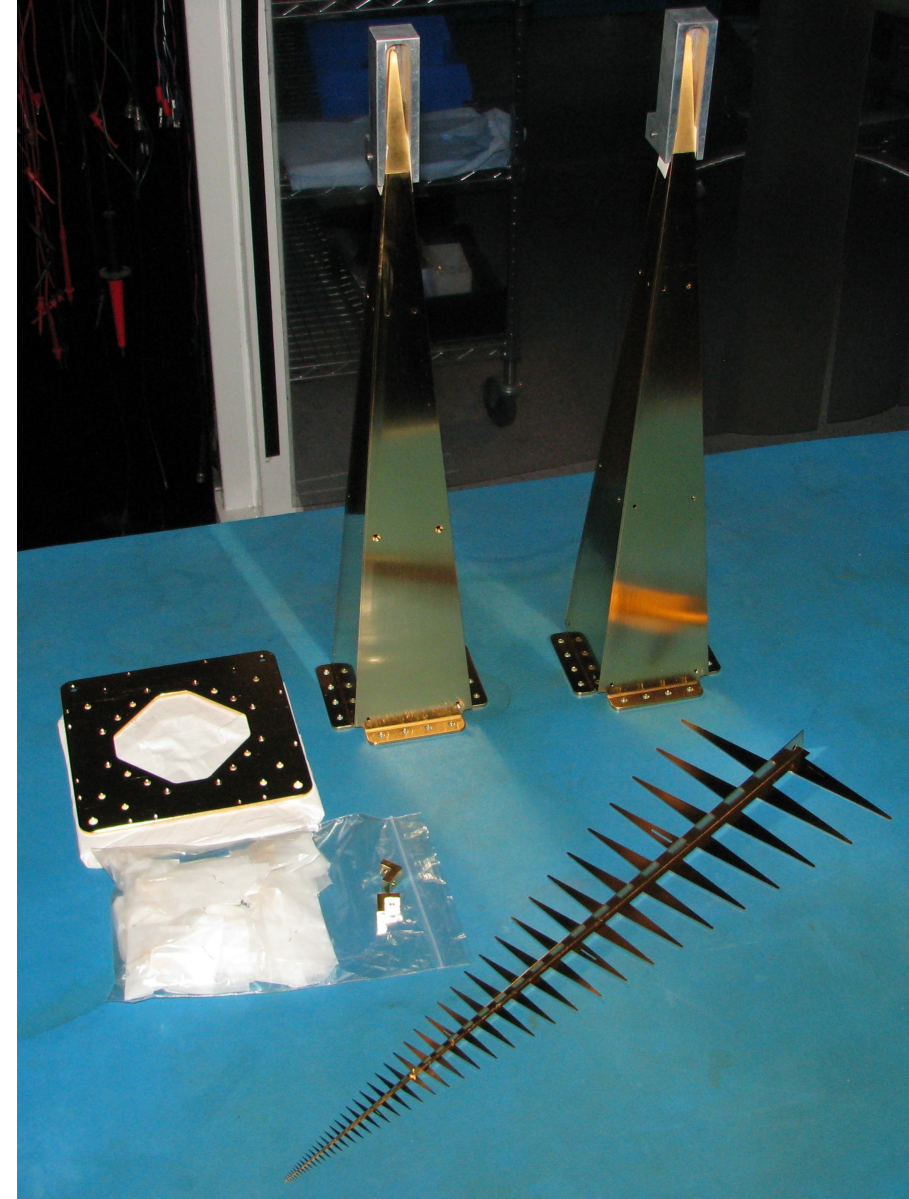
Antonio Feed Update

- Diaphragm pump needed to be replaced
- New wiring harness installed
- Vacuum test was successful
- In process of tuning cryocooler



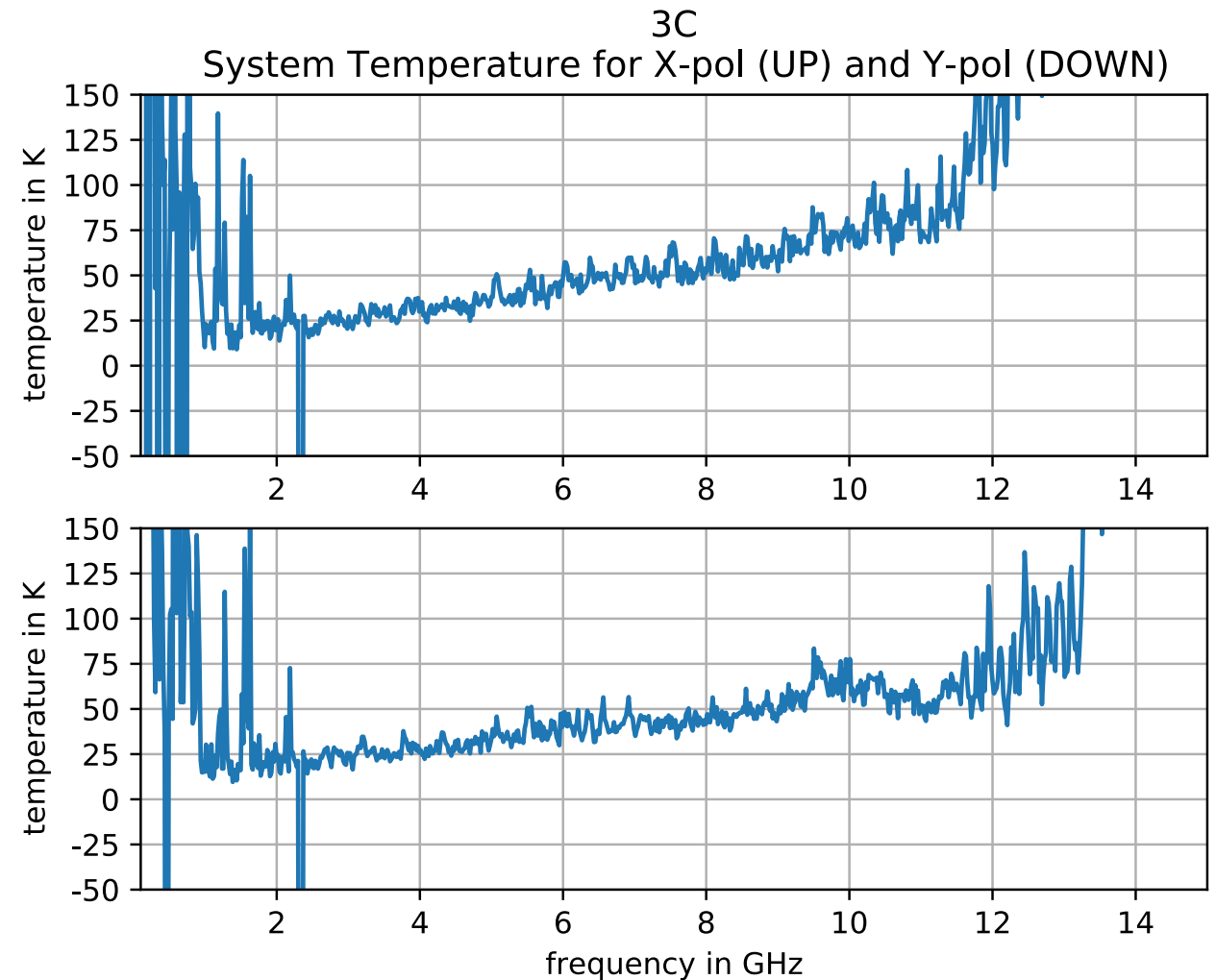
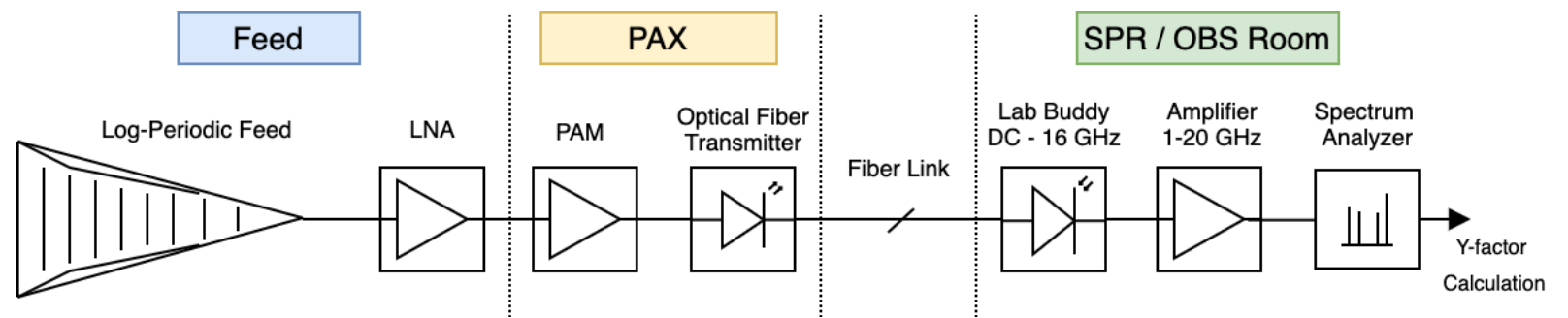
Antonio Feed Update

- Started working on wiring harness for next 5 feeds (Sarah)
- Minex started working on LNA module for feed 013 and 006
- Received new tip links



Tsys measurement

- Hot cold measurement which included fiber optical link
- PAM set to -3dBm
- AZ=40 EL=23



E-waste

- Mark and Carol started cleaning out the shelves

