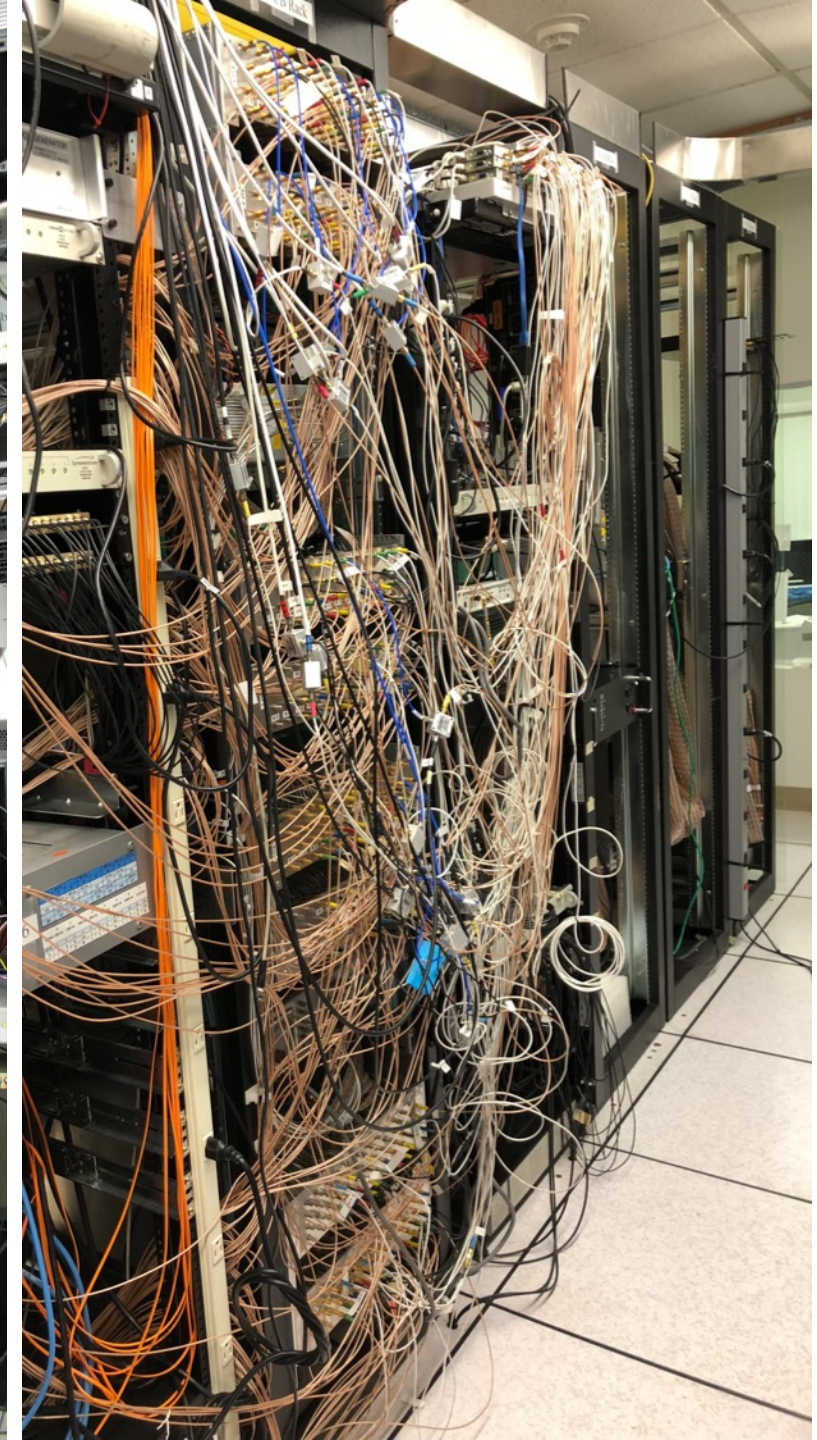
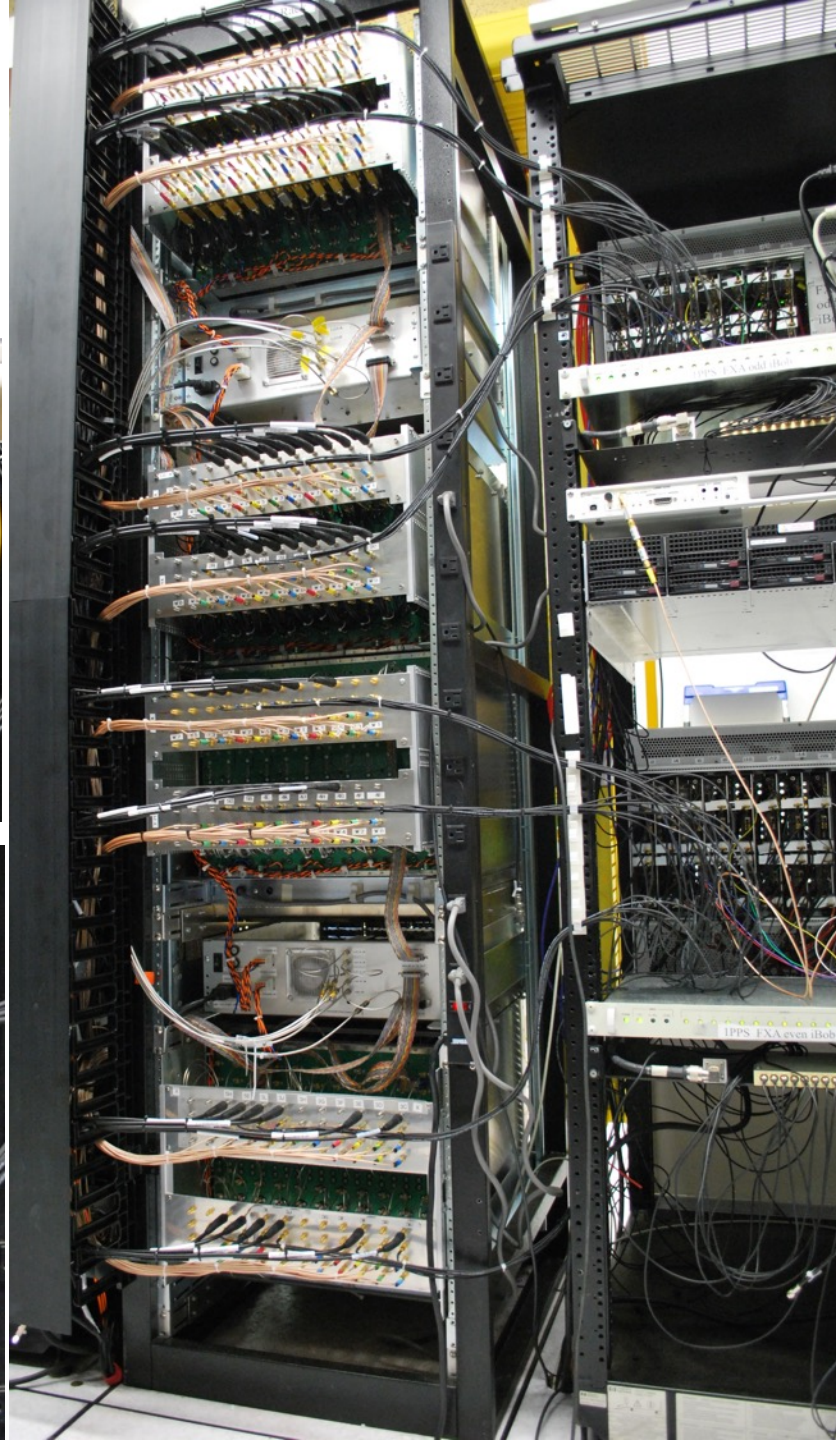
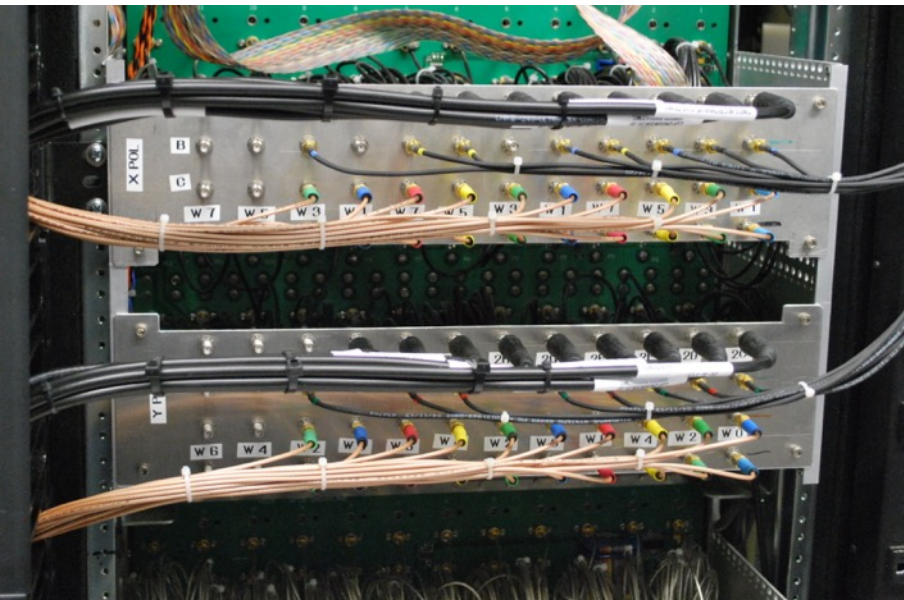


SPR cabling

31/01/20

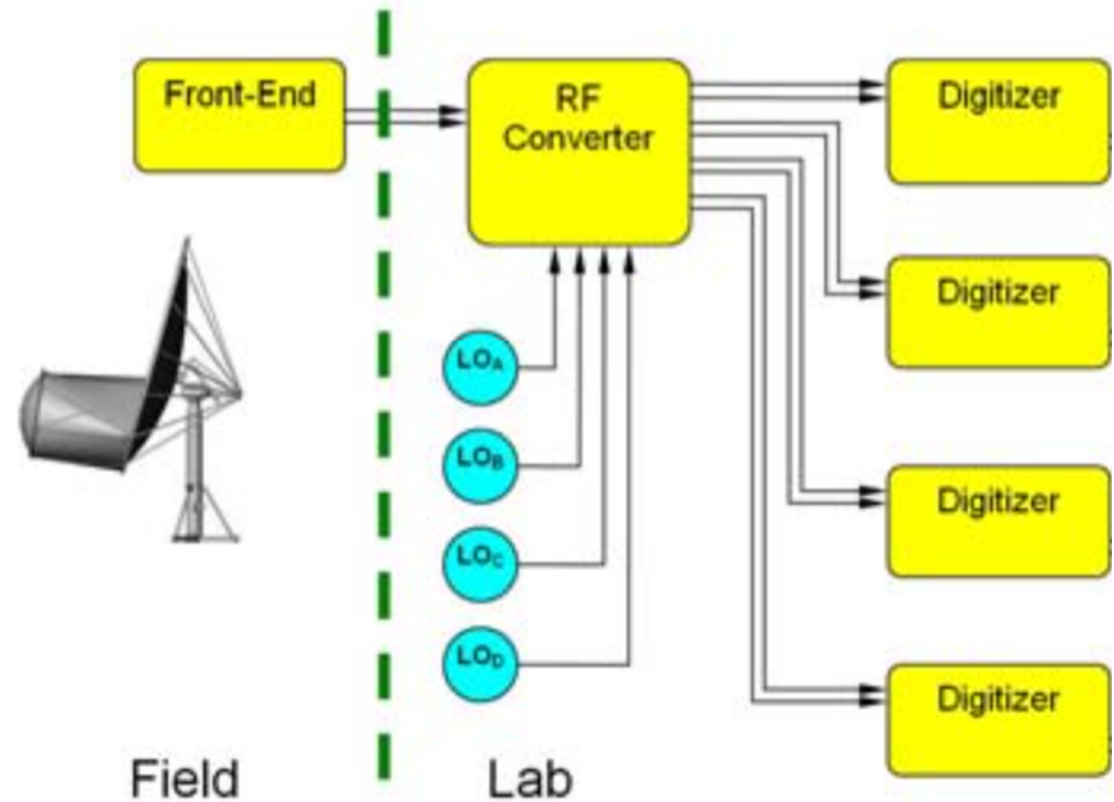
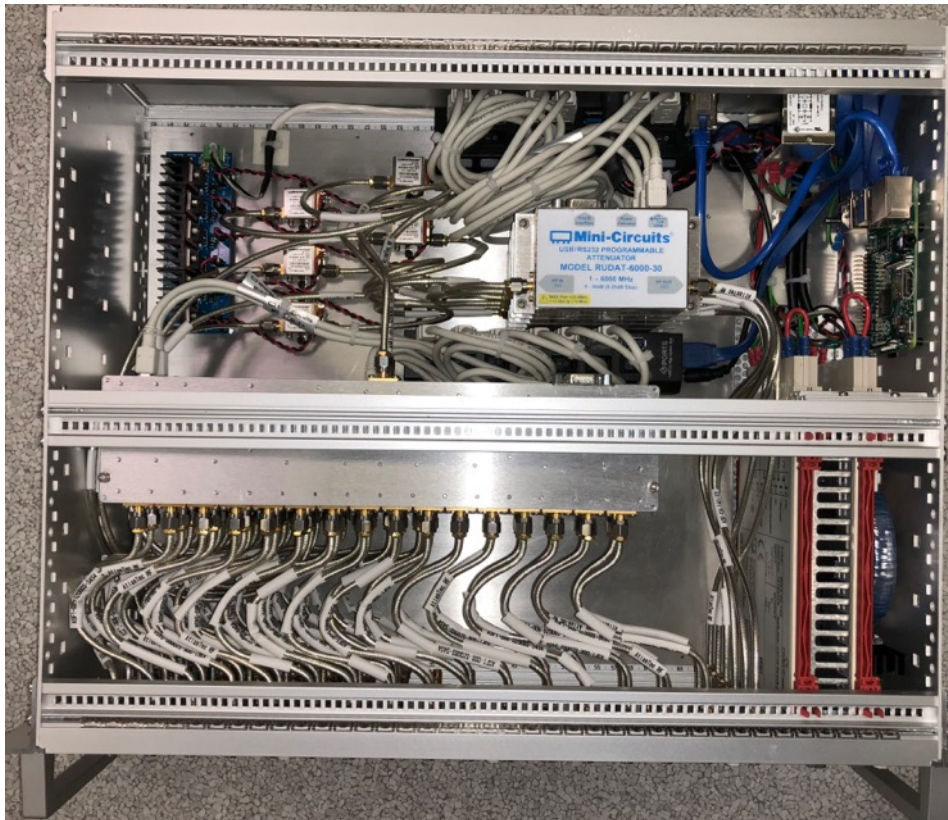
		Jan 27 MO 09:00 10:00	Jan 27 MO 10:00 11:00	Jan 27 MO 11:00 12:00	Jan 27 MO 12:00 13:00	Jan 27 MO 13:00 14:00	Jan 28 DI 09:00 10:00	Jan 28 DI 10:00 11:00	Jan 28 DI 11:00 12:00	Jan 28 DI 12:00 13:00	Jan 28 DI 13:00 14:00	Jan 29 MI 09:00 10:00	Jan 29 MI 10:00 11:00	Jan 29 MI 11:00 12:00	Jan 29 MI 12:00 13:00	Jan 29 MI 13:00 14:00	Jan 30 DO 09:00 10:00	Jan 30 DO 10:00 11:00	Jan 30 DO 11:00 12:00	Jan 30 DO 12:00 13:00	Jan 30 DO 13:00 14:00	Jan 31 FR 09:00 10:00	Jan 31 FR 10:00 11:00	Jan 31 FR 11:00 12:00	Jan 31 FR 12:00 13:00	Jan 31 FR 13:00 14:00	
10 Teilnehmer	+	✓6	✓9	✓6	✓6	✓6	✓3	✓8	✓7	✓6	✓6	✓6	✓8	✓6	✓6	✓6	✓7	✓9	✓7	✓5	✓5	✓6	✓9	✓6	✓6	✓6	
👤 Brian Wilfley		✓	✓	✓	✓	✓	✓	✓			✓	✓		✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	
👤 Greg Dalton		✓	✓			✓		✓	✓		✓	✓	✓			✓	✓	✓	✓			✓	✓			✓	
👤 Franklin Antonio			✓	✓	(✓)			✓	✓	(✓)				(✓)			(✓)	✓	✓			(✓)	✓	✓			
👤 Andrew												✓						✓					✓				
👤 Olivia Durrett		✓	(✓)		(✓)	✓	✓	✓	✓	(✓)		✓	(✓)		(✓)		✓	✓	✓	(✓)		✓	(✓)		(✓)		
👤 Janusz Kulpa			(✓)	✓	✓	✓		(✓)	✓	✓	✓		(✓)	✓	✓	✓		(✓)	✓	✓	✓		(✓)	✓	✓	✓	
👤 Jill Tarter			✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓	
👤 Matt Fleming		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
👤 Steve Croft		✓	✓				✓	✓	✓	(✓)	✓	✓	✓		(✓)	✓	✓	✓			(✓)	✓	✓	✓	✓	(✓)	✓
👤 Alexander P...	✎	✓	✓	✓								✓	✓	✓			✓	✓	✓								

- Times Microwave cables arrived last Friday.
- Installation Monday through Wednesday.



- **FRB-Backend**
- **SNAP boards in process of being assembled.**
- **Installation into SPR early next week.**

- FRB-Backend used PAM attenuators for IF power level tuning
- Use PAM detector diodes to set constant input power into RF-fiber link
- Fixed attenuators for ADC input power leveling



- **Antonio Feed update**

- 3C – replacement pyramid with new link-tip
- 4J – installation of new link-tip

- **Outlook for the next couple of weeks**

- **Finishing FRB-Backend**
- **Measuring 10 PAX boxes**
- **Power leveling for ADC input of FRB...**
- **Feed tip replacement of 4J**
- **X-Ray coaxial cables**

- **File format for ON/OFF - FRB**
- **Starting ON / OFF observations**
- **Verifying power levels and PAM attenuators tuning**
- **Implementing RFI mitigation**

- **Student projects**

- **Feed firmware (slow warmup)**
- **RFI survey, including DeepSig visualization**
- **Development of a maintenance plan for the ATA**
- **Design and development of an amplifier / attenuator / detector module**
- **Setup Wiki / sorting out documentation**

Feeds Pyramids LNAs Status at Minex 2020-01-29

This a summary of some key components at Minex.

LNA Set 0030 & 0068, exposed with coax attached.

Last installed in 007 ?. (aside for a long time, condition needs investigation)

LNA Set 0019 & 0021, exposed with coax attached.

Last installed in 016 ?. (aside for a long time, condition needs investigation)

LNA Set 0083 & 0084, exposed with coax removed for x-ray.

Last installed in 020 Ant 3c. (needs new coax etc)

LNA set 0034 & 0046, in pyramid.

Last installed in 019. (needs tip link replacement)

LNA set 0075 & 0082, in pyramid,

Last installed in 020. (coax retraction on 1, needs new coax set etc)

LNA Set 0055 & 0062, in pyramid, in Feed.

Currently installed in Feed 002. (needs new tip link, maybe rexolite work)

Last know antenna 1e.

LNA Set 0085 & 0099, in pyramid, in Feed.

Currently installed in Feed 007. (needs new tip link, maybe rexolite work)

Last know antenna 1c.

LNA Set 0024 & 0073, in pyramid, in Feed.

Currently installed in Feed 017. (needs new tip link, maybe rexolite work)

Feed 009: no LNA Set or pyramid. (went to 019, then failed)

Feed 015: no LNA Set or pyramid. (went to 020, then failed)