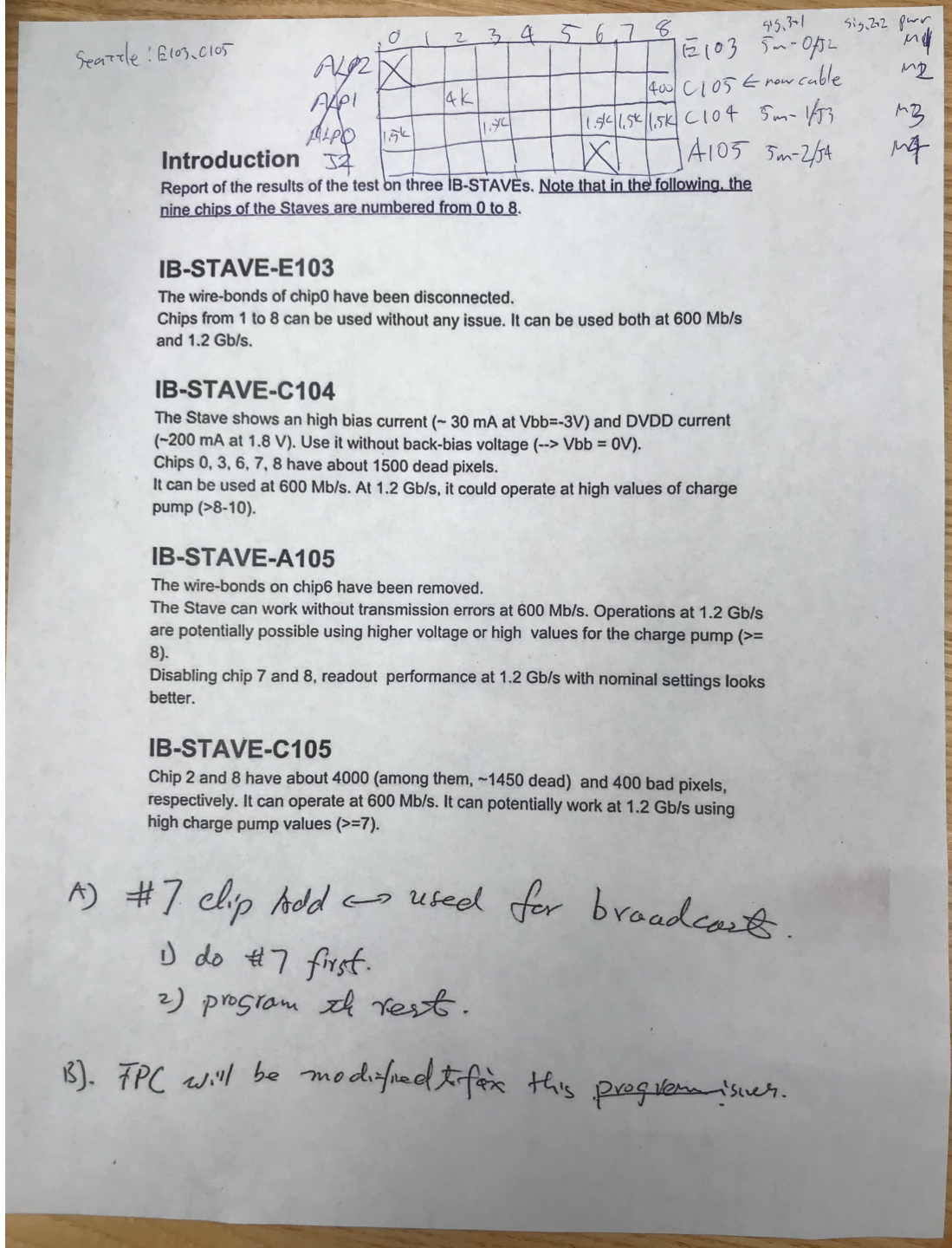
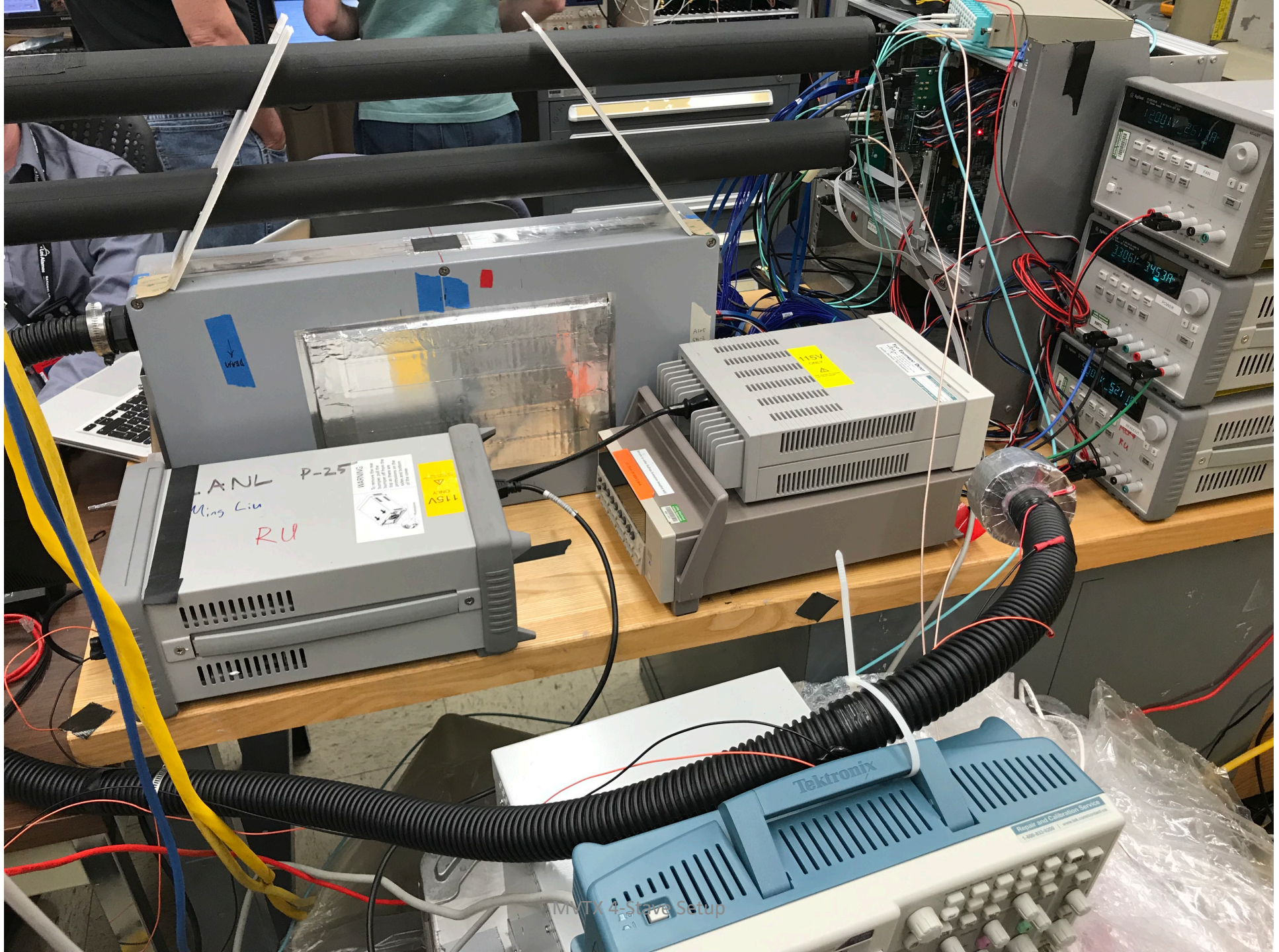
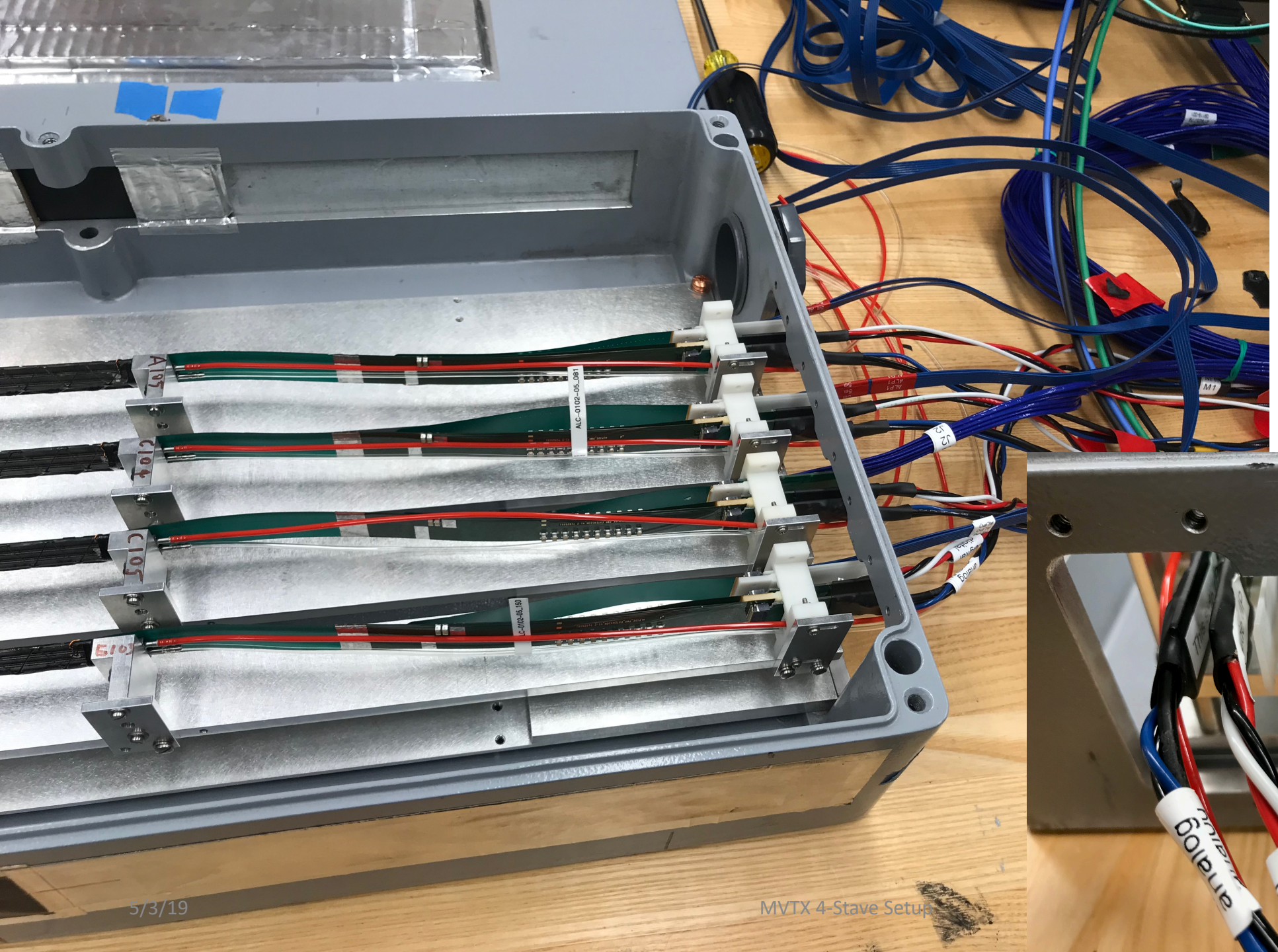
MVTX 4-stave Telescope Setup Photos

- 4 staves
- GTM
- RU
- PU
- SamTec Cables, 5m & 8m
- USB control
- LAN
- Cooling system

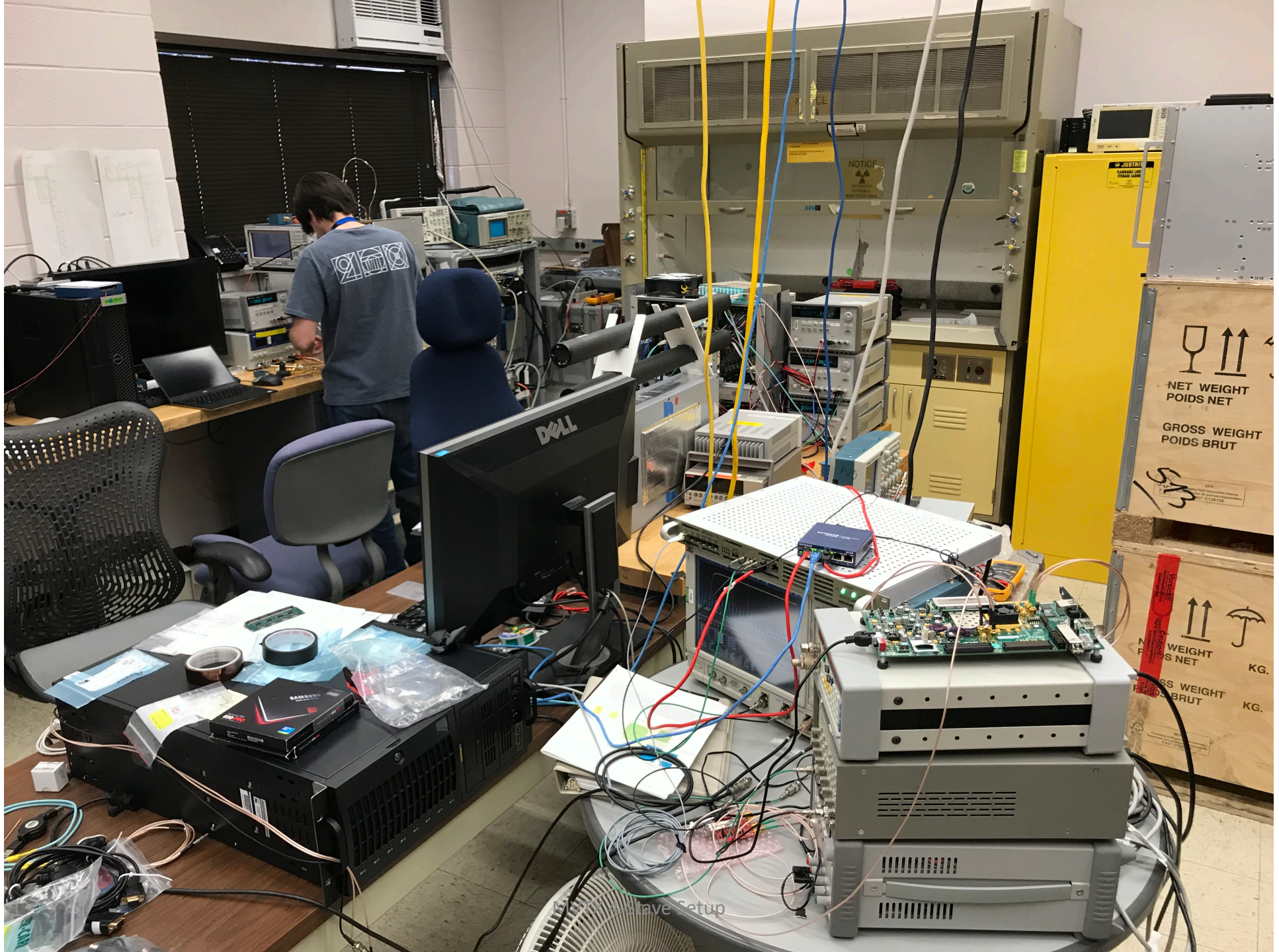


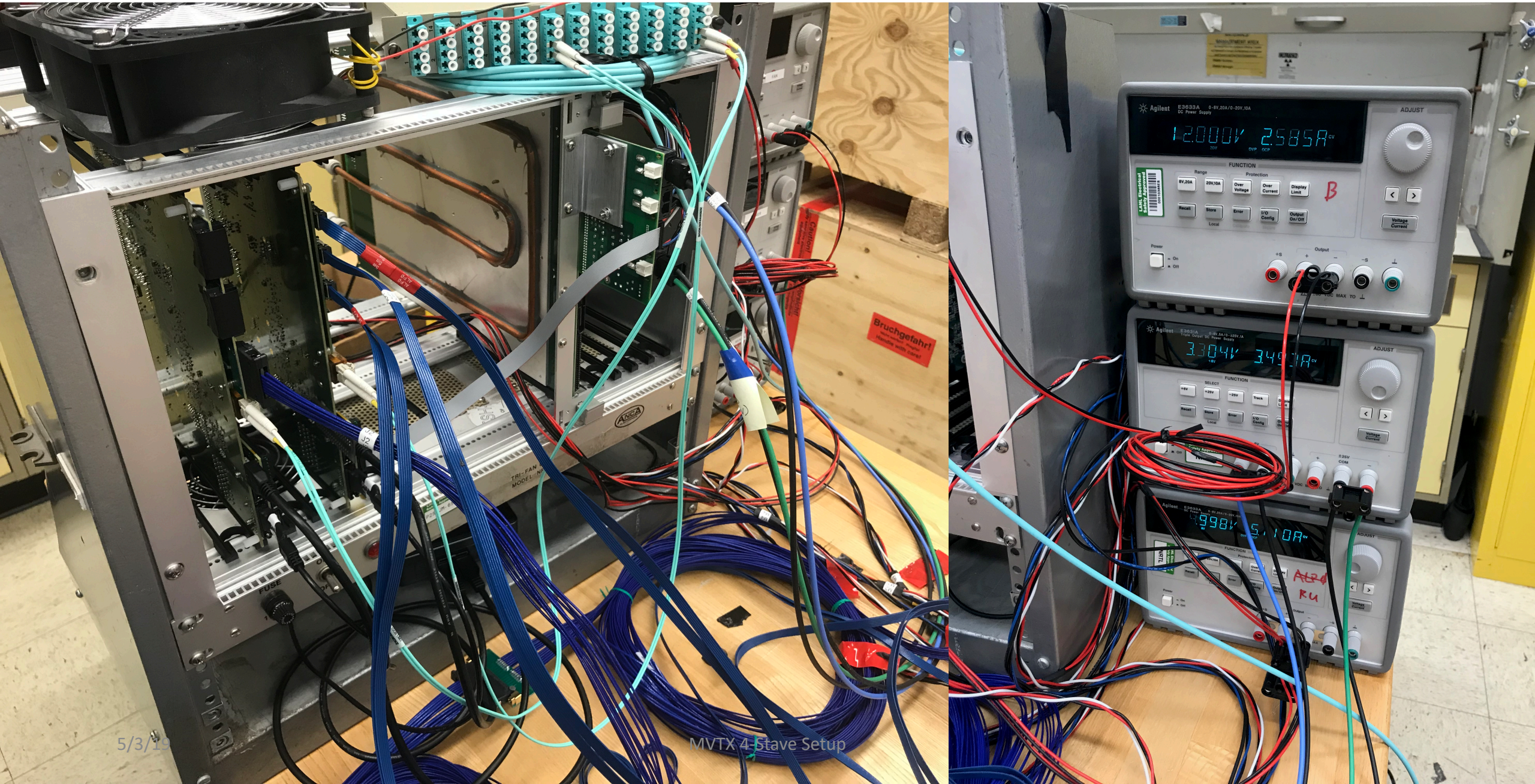

ANL P-25
Ming Liu
RU
115V
Tektronix

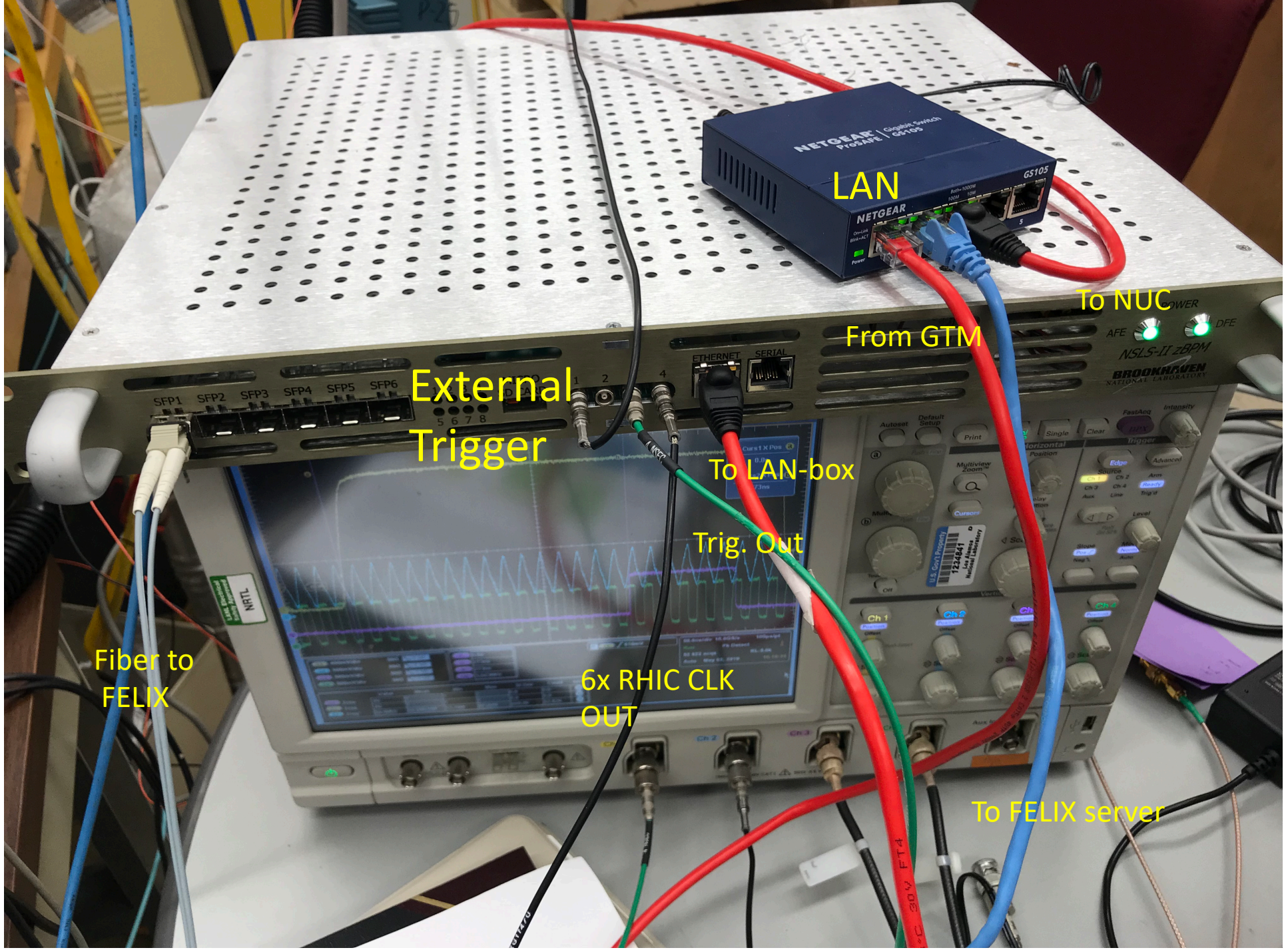

A105
C104
C105
E103
ALC-0102-05_081

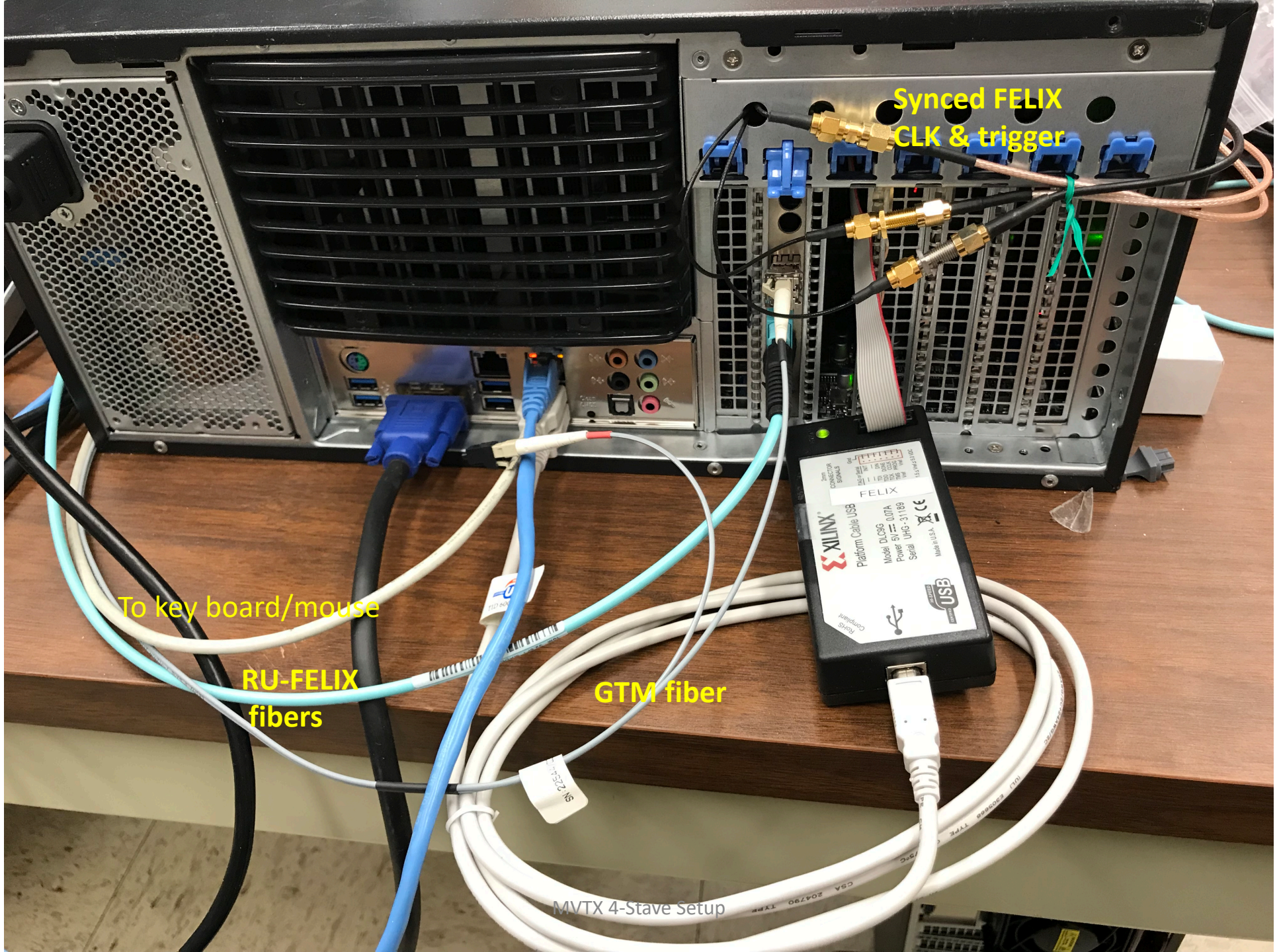

A105
5m-2
M4
C104
5m-1
M3
C105
M2
E103
5m-0
M1

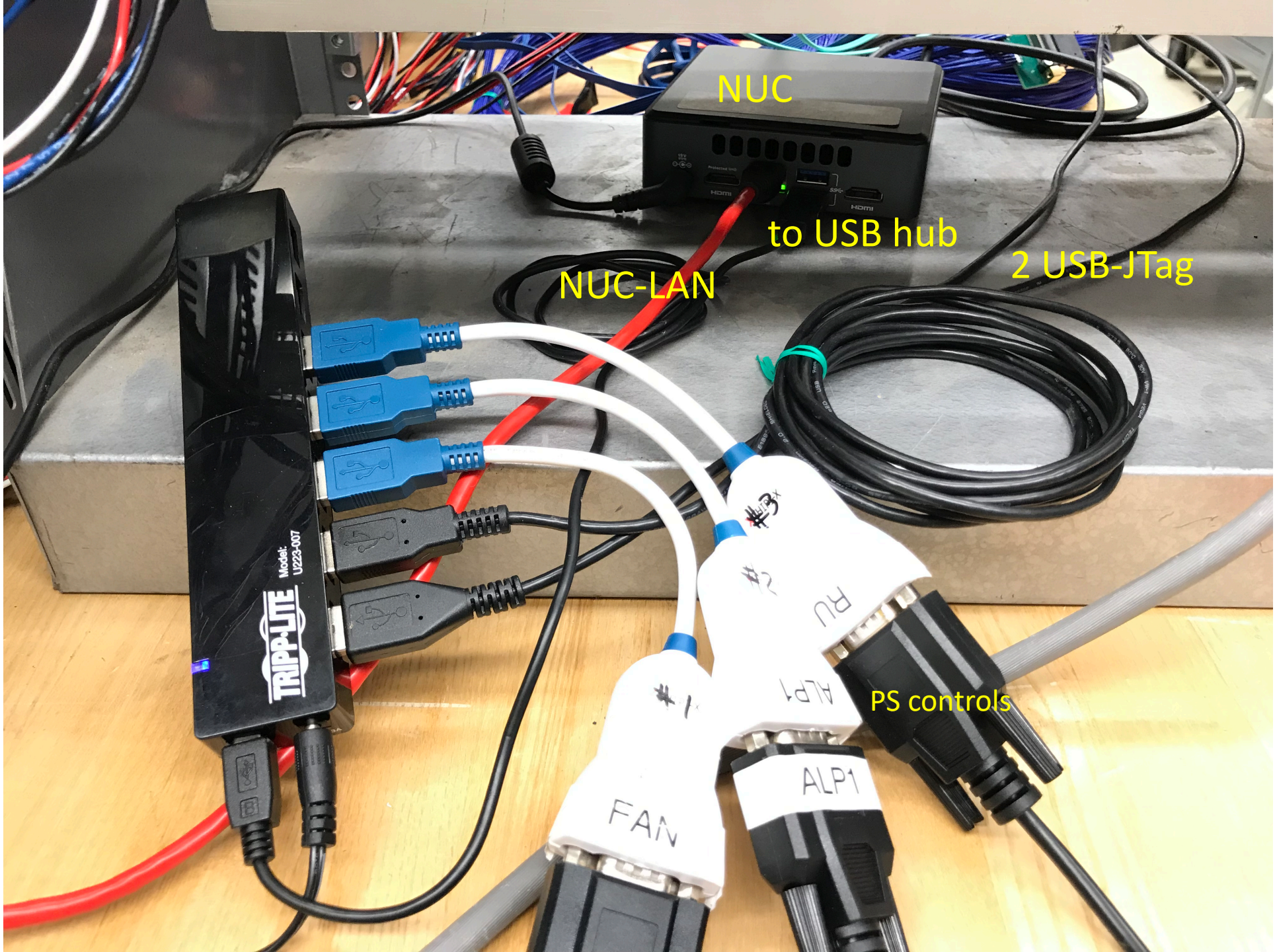

analog

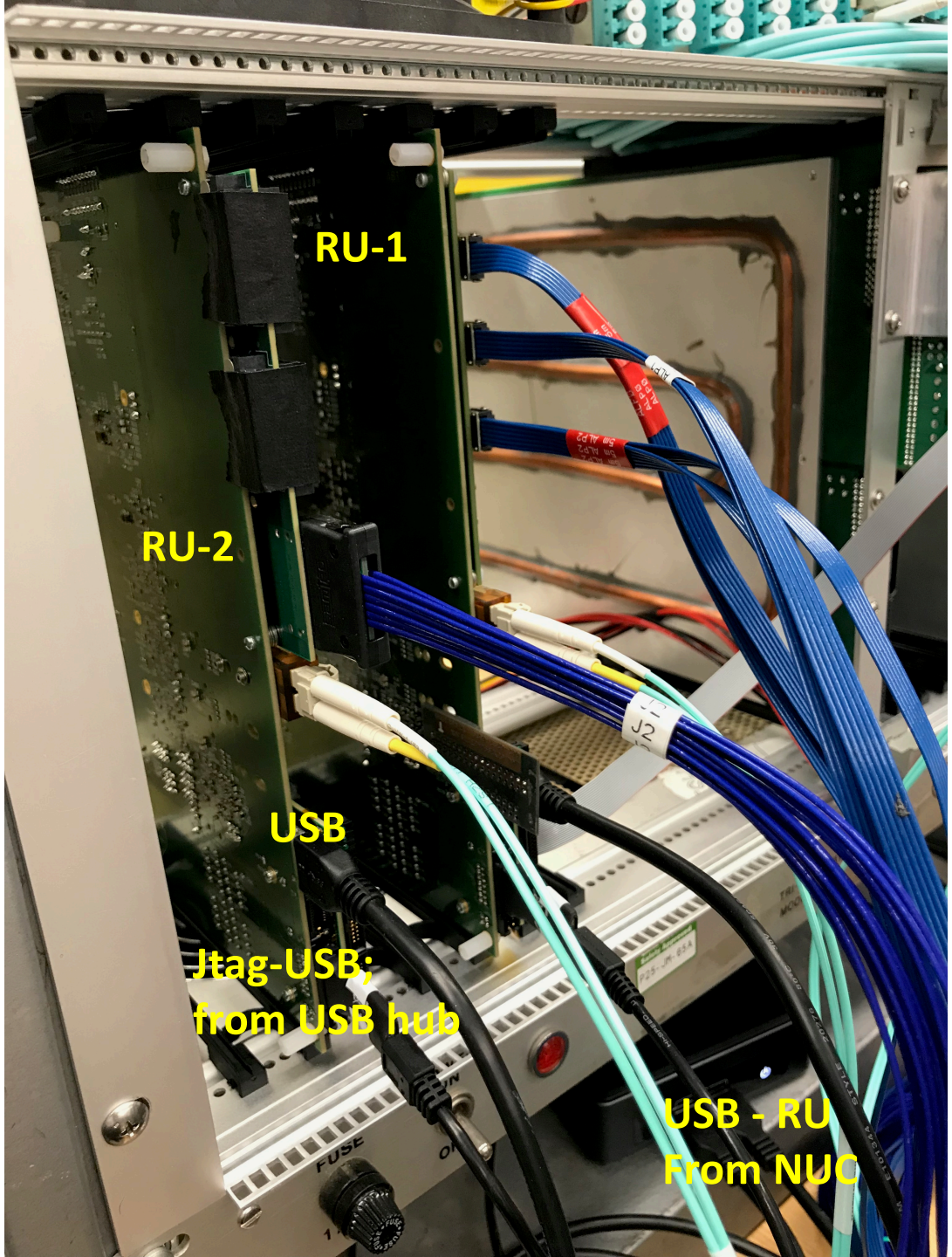

NOTICE
DELL
NET WEIGHT
POIDS NET
GROSS WEIGHT
POIDS BRUT
KG.
KG.

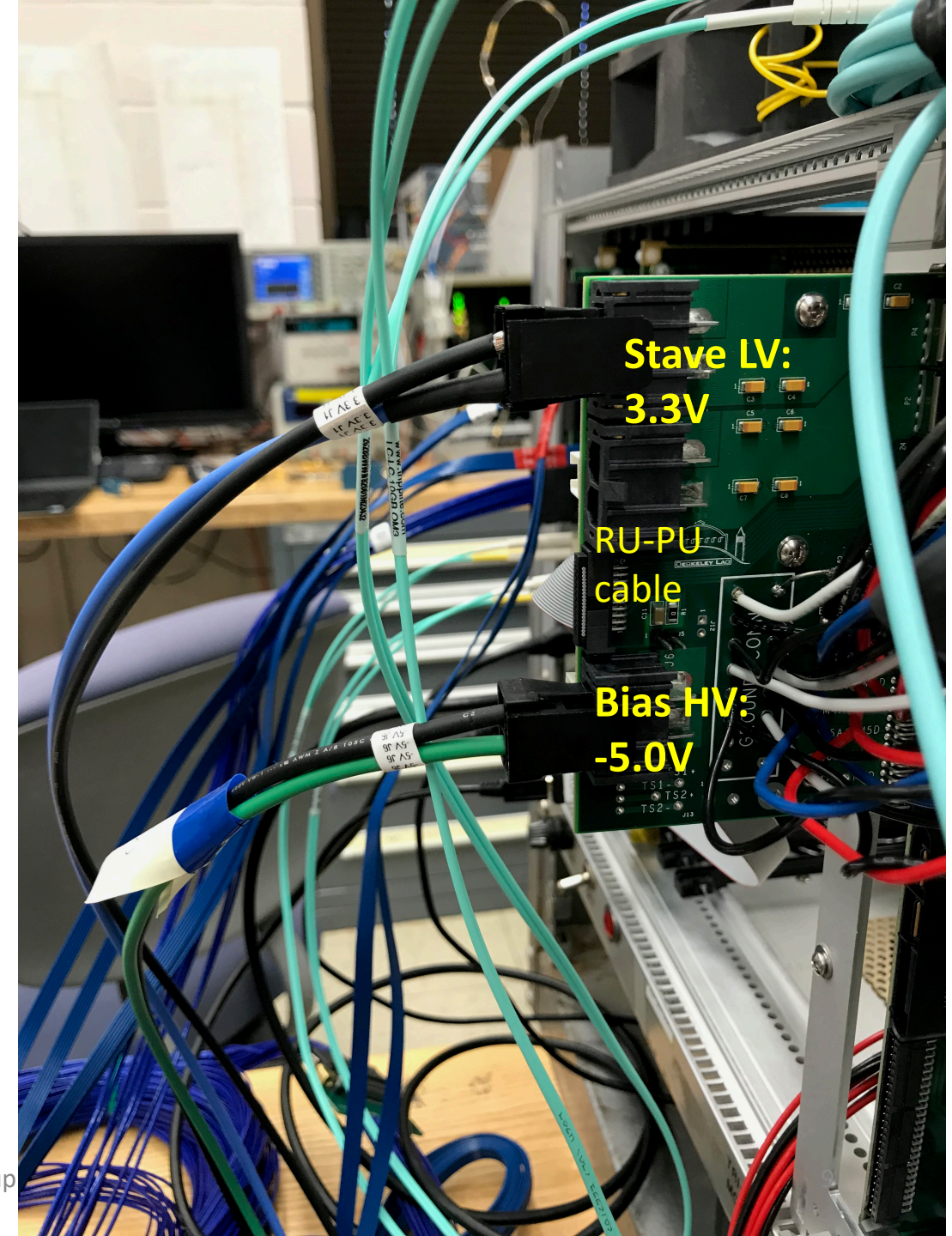

Agilent
ADJUST
FUNCTION
Bruchgefahr!


LAN
To NUC
From GTM
External
Trigger
To LAN-box
Trig. Out
Fiber to
FELIX
6x RHIC CLK
OUT
To FELIX server

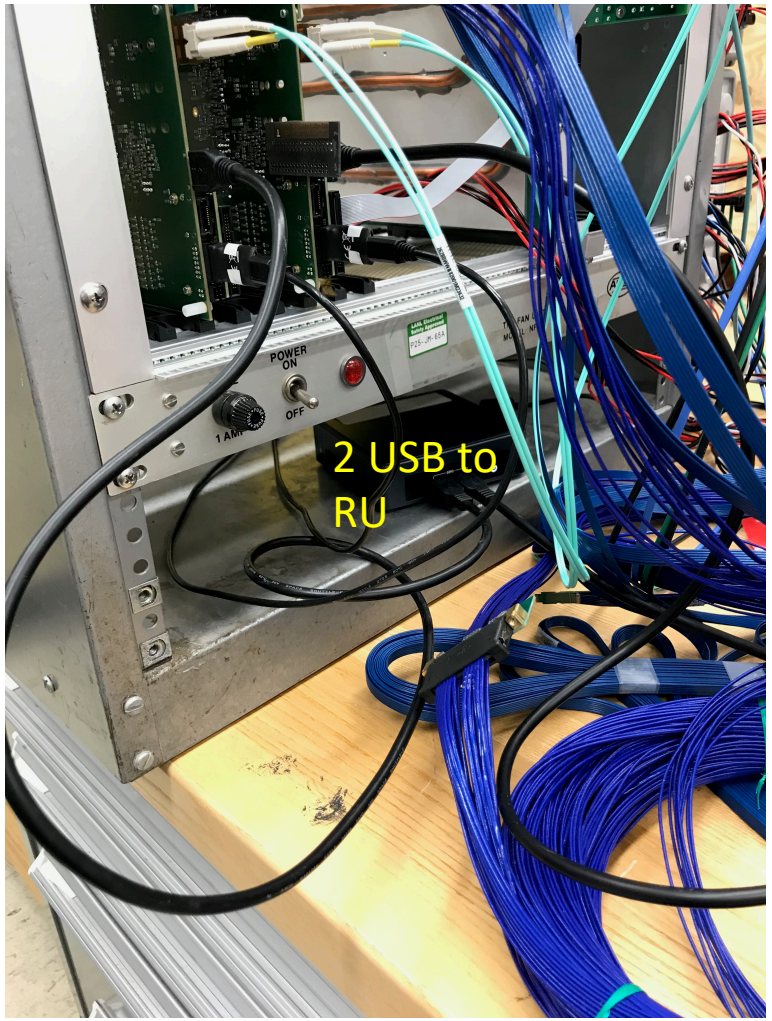

Synced FELIX
CLK & trigger
To key board/mouse
RU-FELIX
fibers
GTM fiber

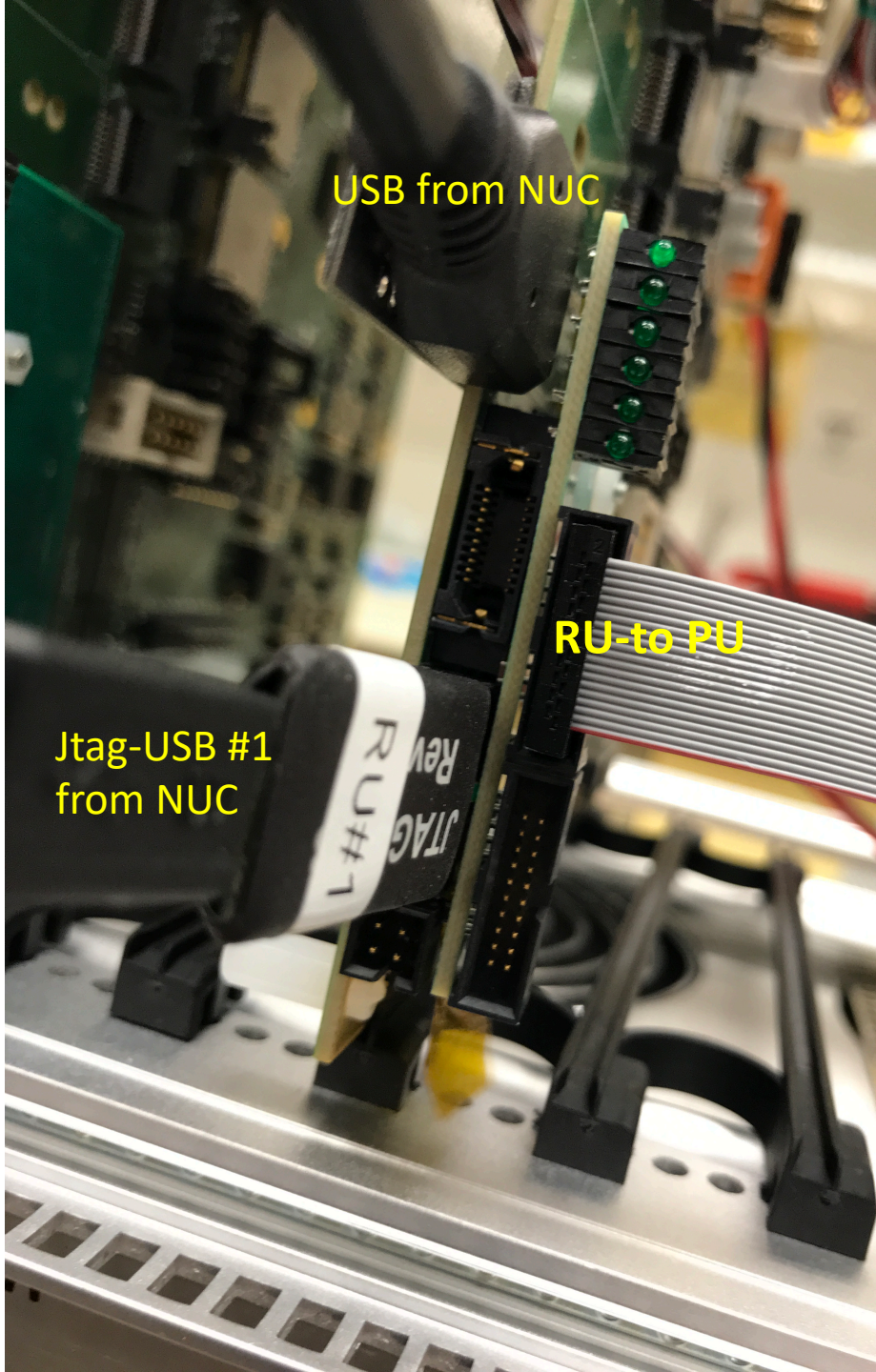

NUC
to USB hub
NUC-LAN
2 USB-JTag
PS controls
FAN
ALP1
ALP1
TRIPP-LITE
Model:
U223-007


RU-1
RU-2
USB
Jtag-USB;
from USB hub
USB - RU
From NUC


Stave LV:
3.3V
RU-PU
cable
Bias HV:
-5.0V

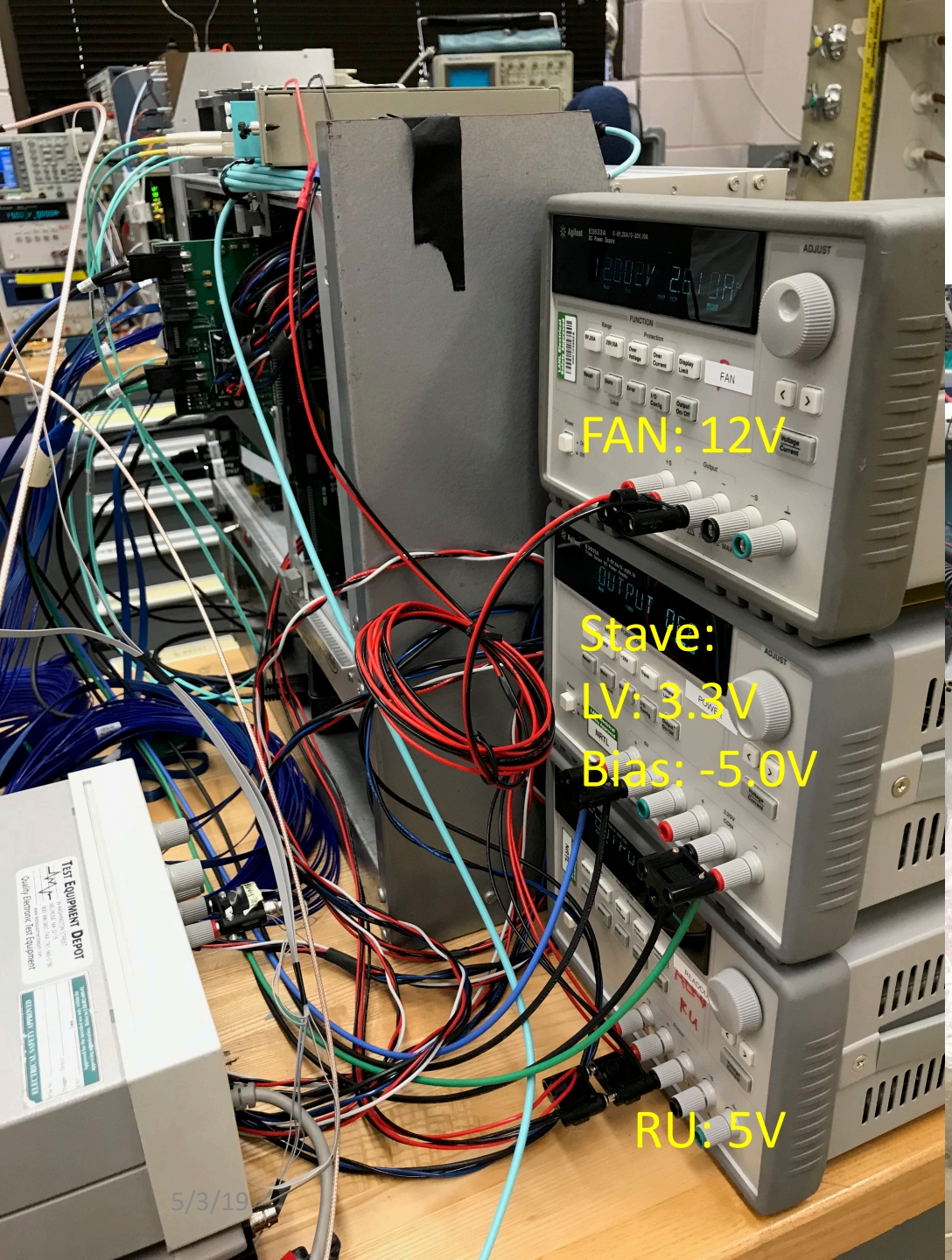
RU – USB Connections

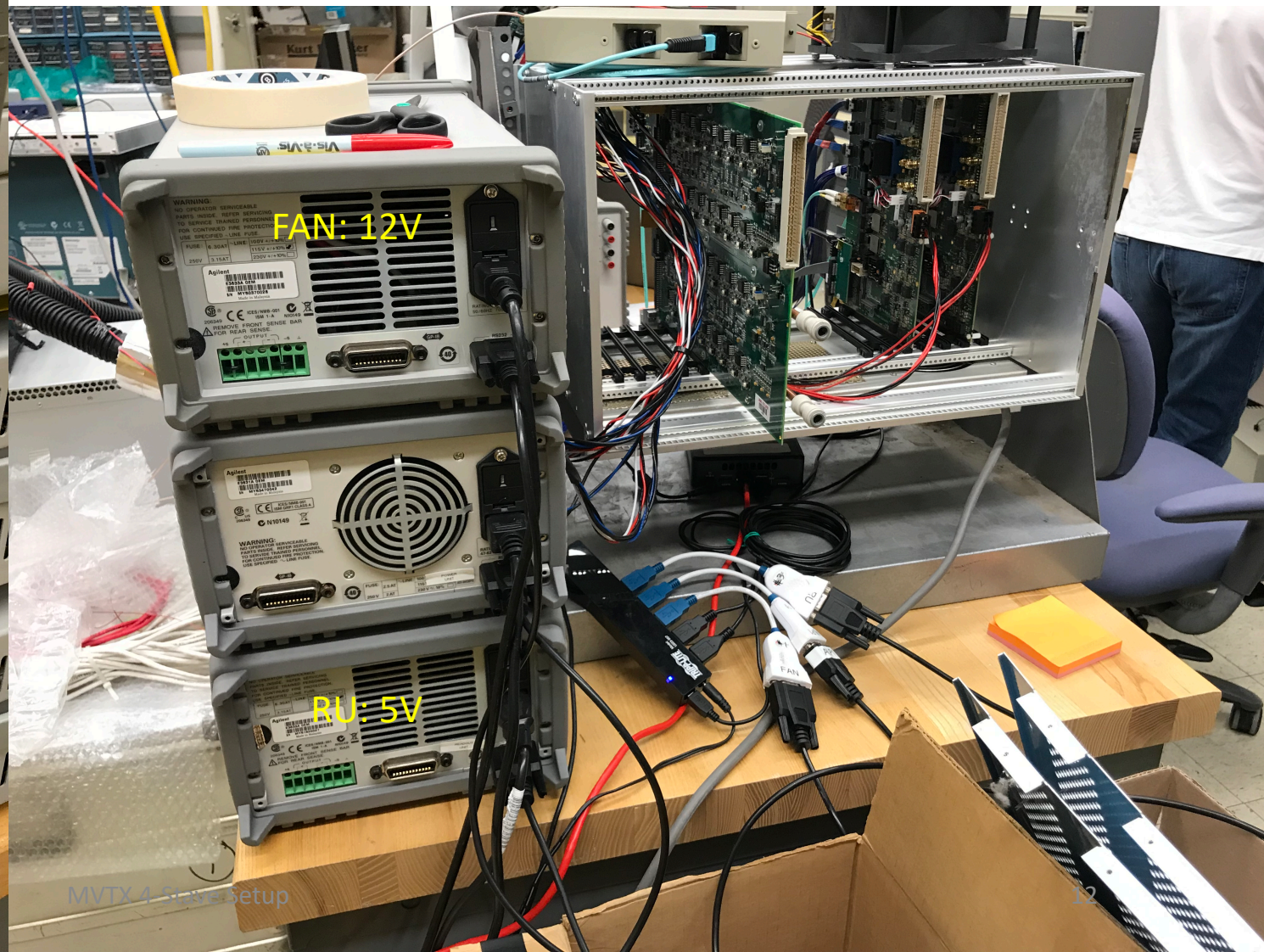




RU-FELIX Fibers

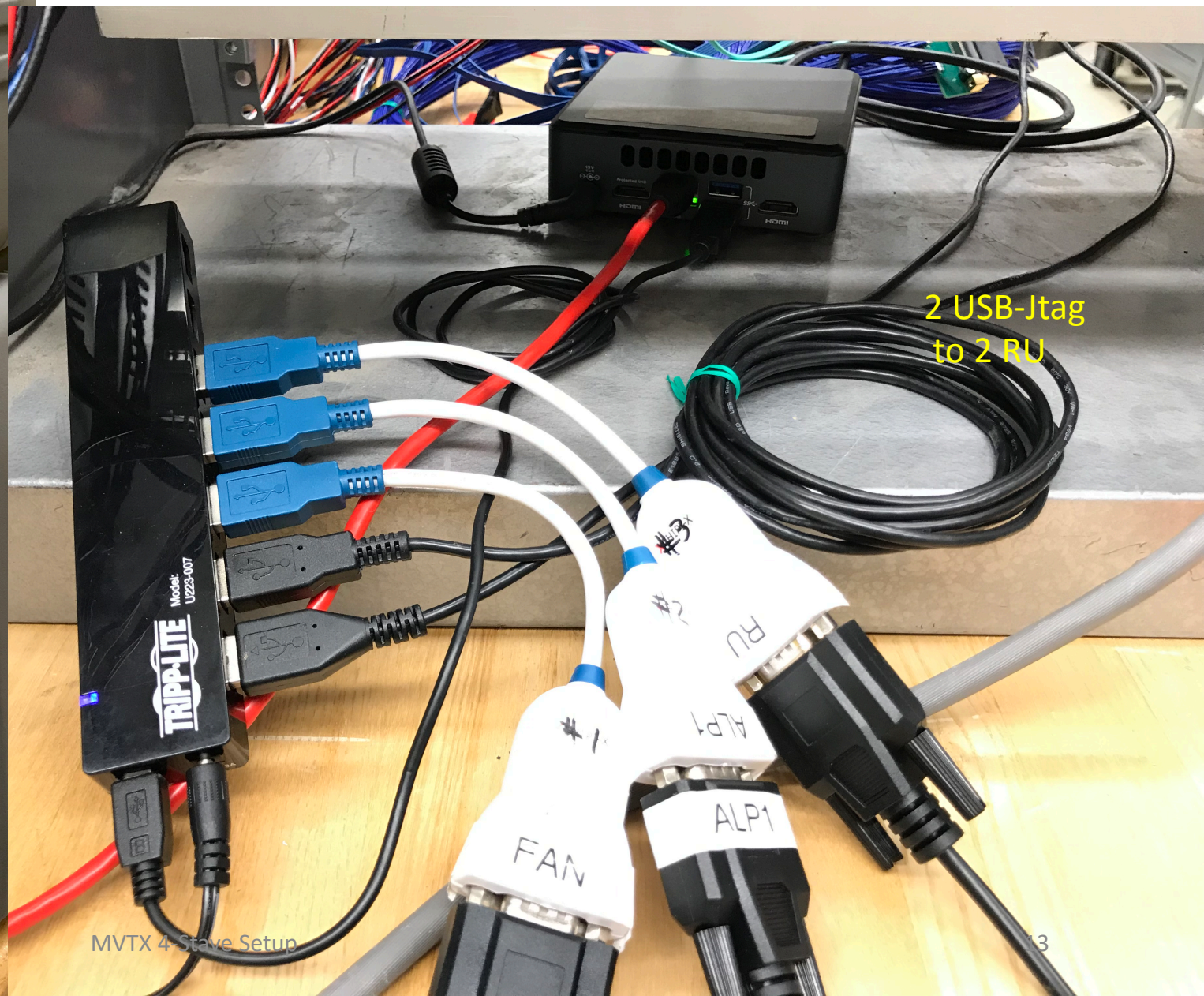
- Power Supplies
- USB hubs

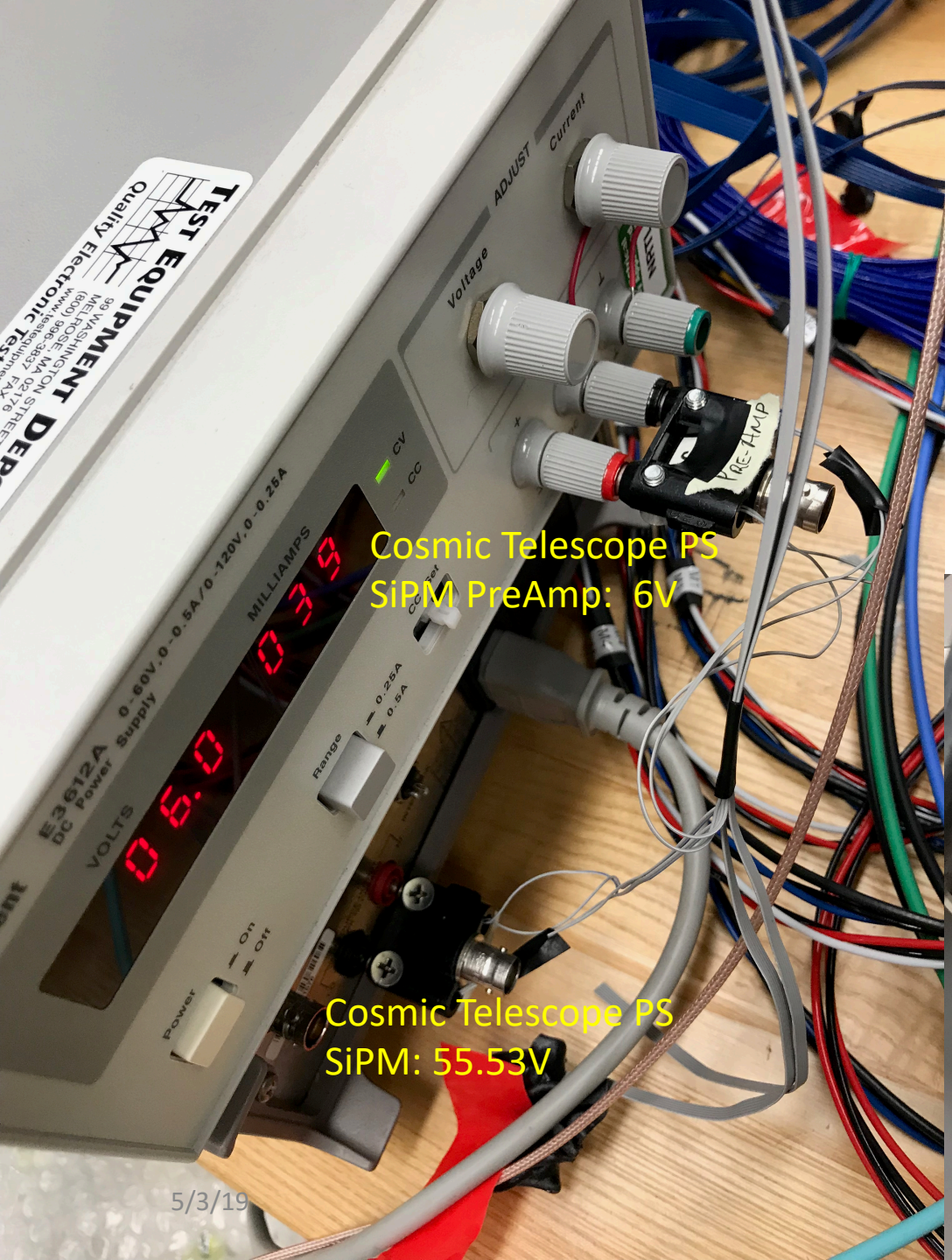




NUC, PS etc

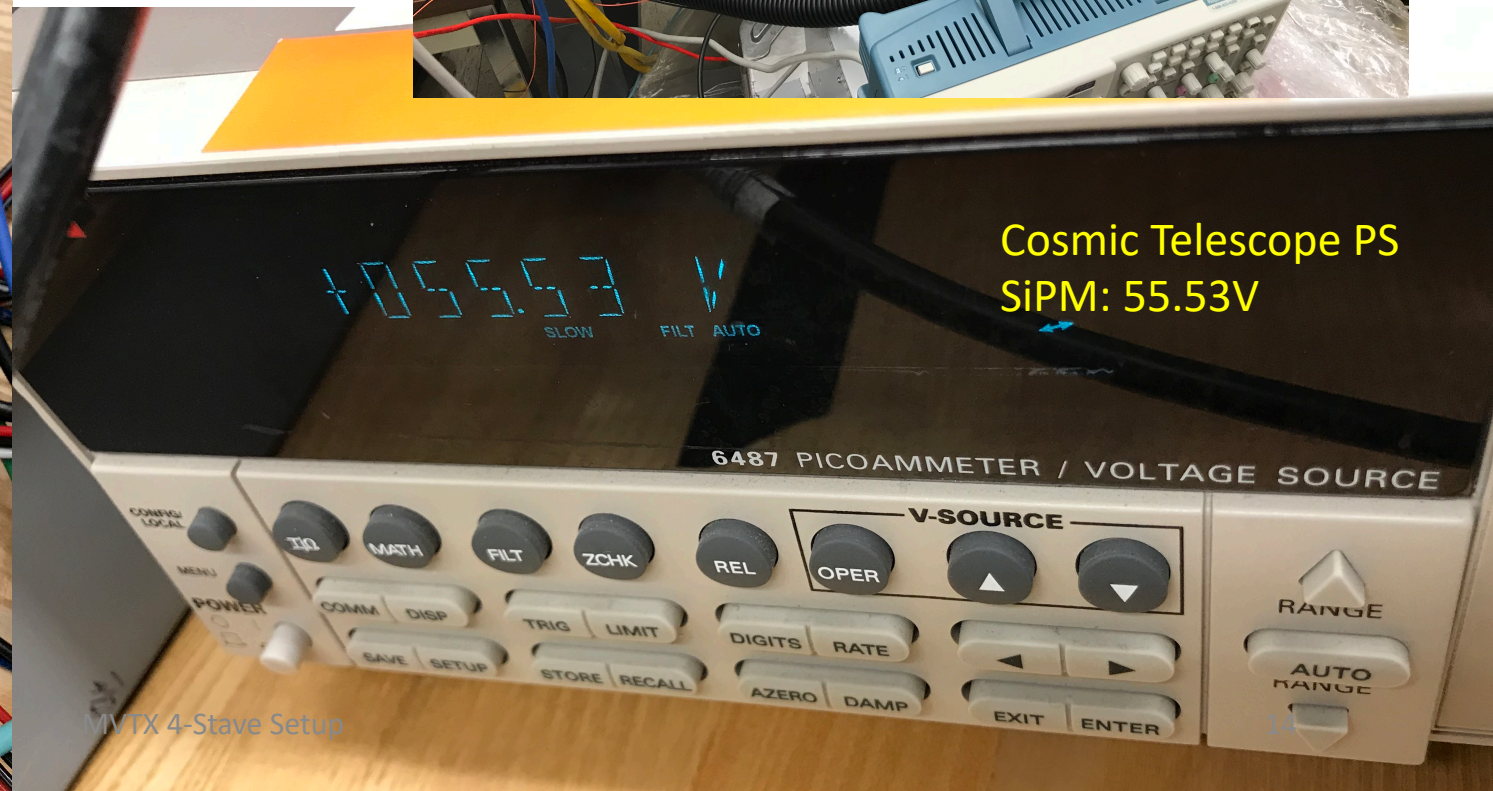

FUNCTION
Voltage Current
±25V
COM
ADJUST
READOUT
RU
Voltage Current


2 USB-Jtag
to 2 RU
TRIPP-LITE
Model: U223-007
FAN
ALP1
RU

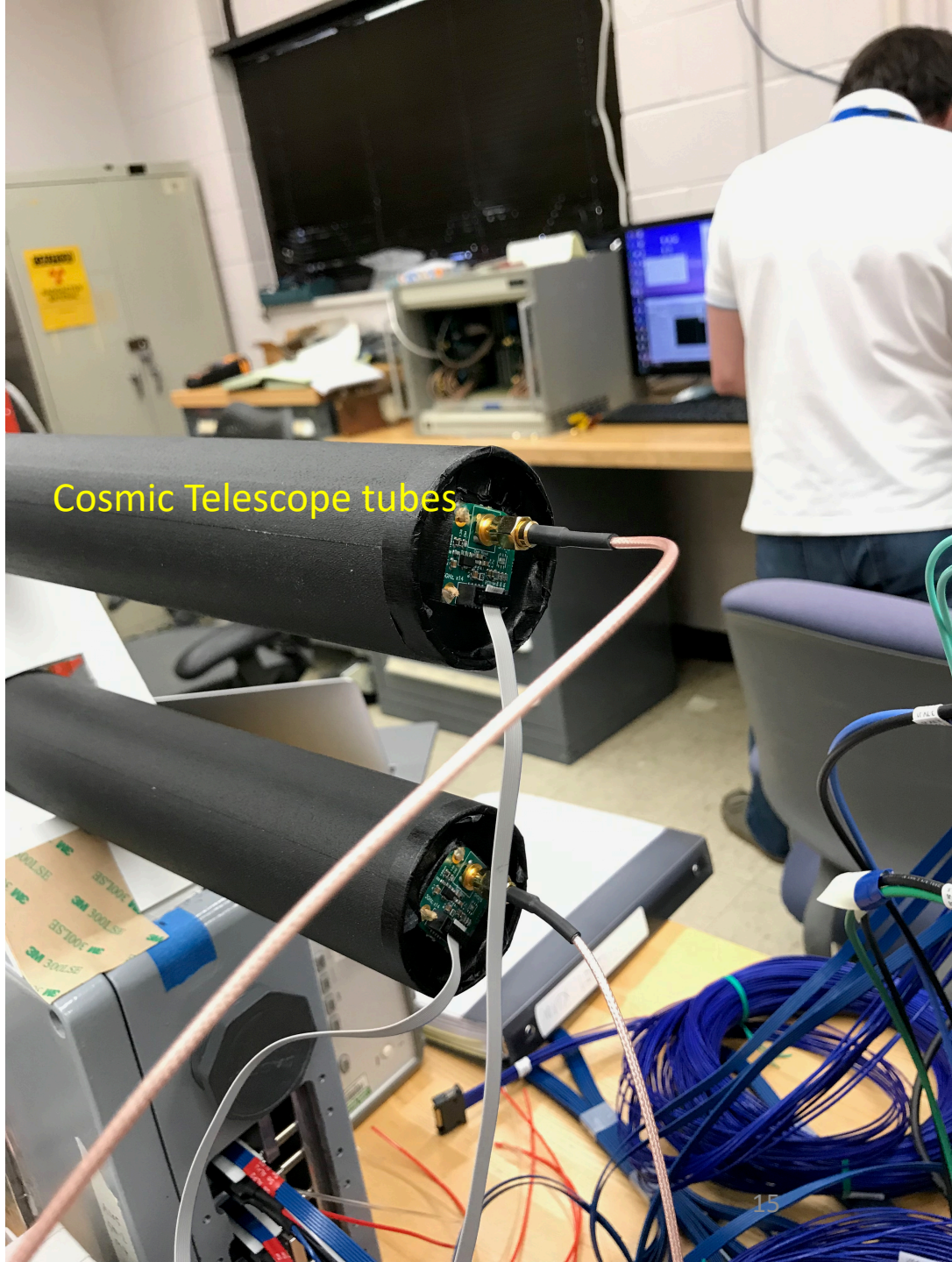


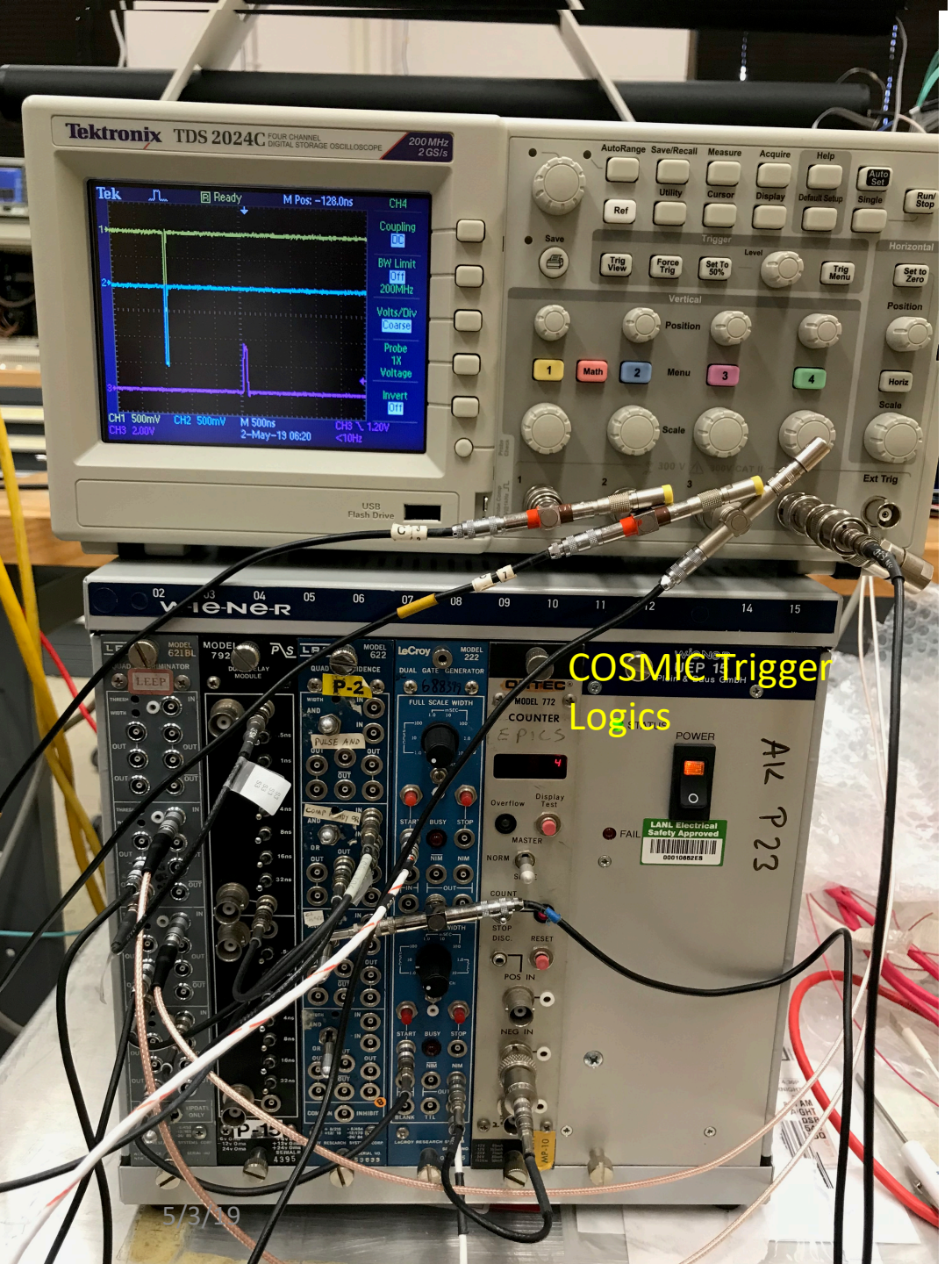
Cosmic Telescope PS
SiPM PreAmp: 6V

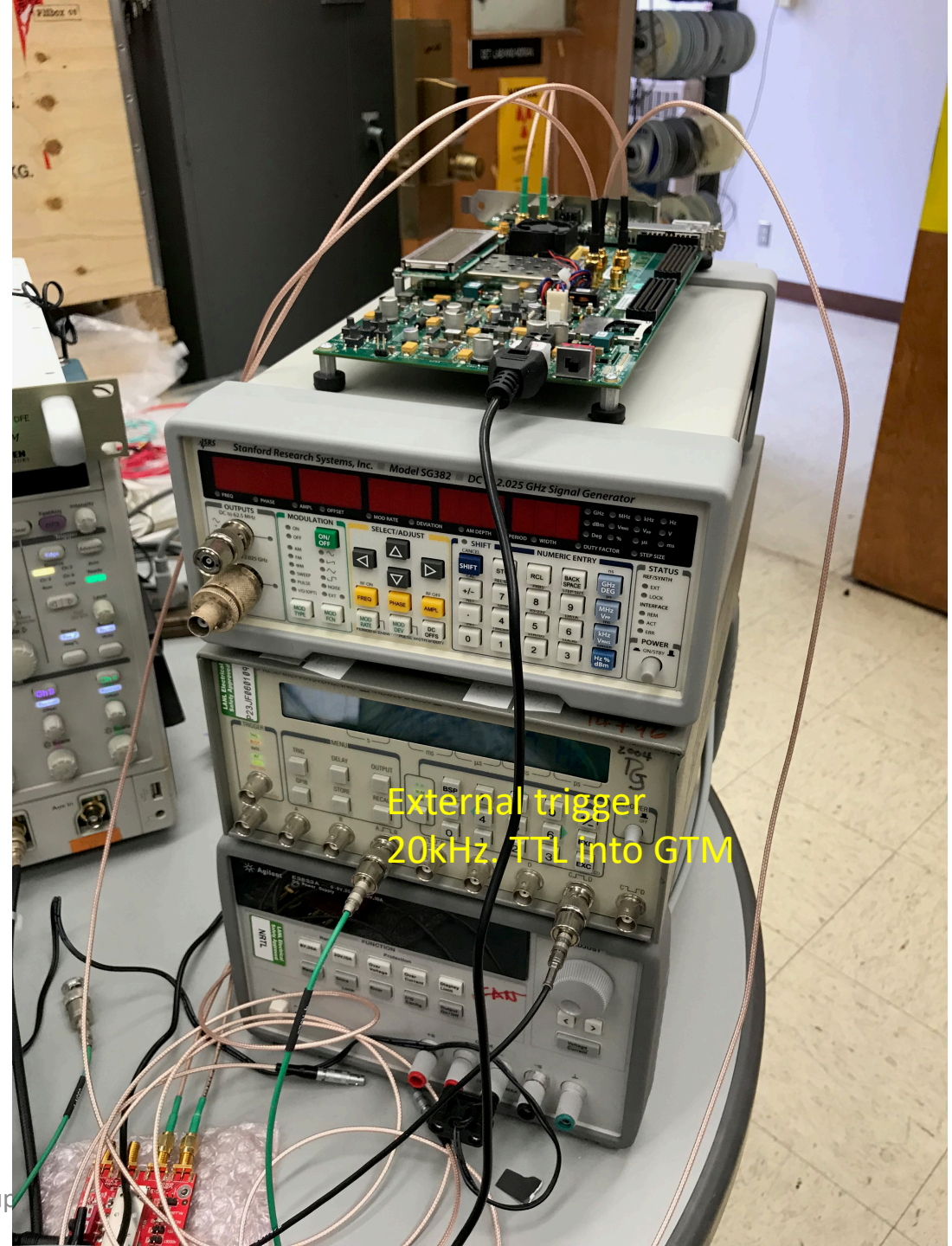
Cosmic Telescope PS
SiPM: 55.53V

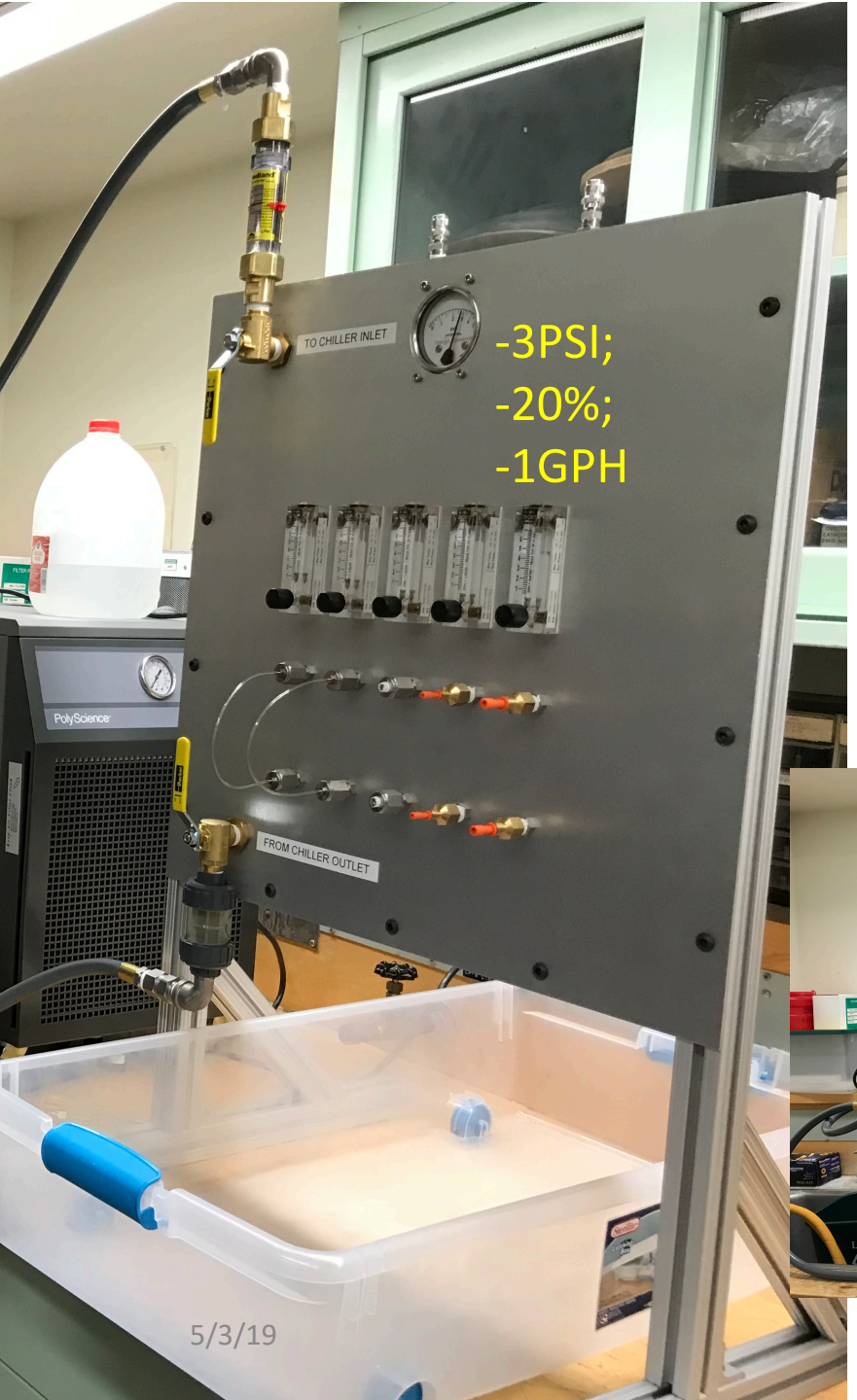


Cosmic Telescope PS
SiPM: 55.53V


Cosmic Telescope tubes


Tektronix TDS 2024C
COSMIC Trigger
Logics


Stanford Research Systems, Inc. Model SG382 2.025 GHz Signal Generator
External trigger
20kHz. TTL into GTM



-3PSI;
-20%;
-1GPH

Negative pressure cooling system