

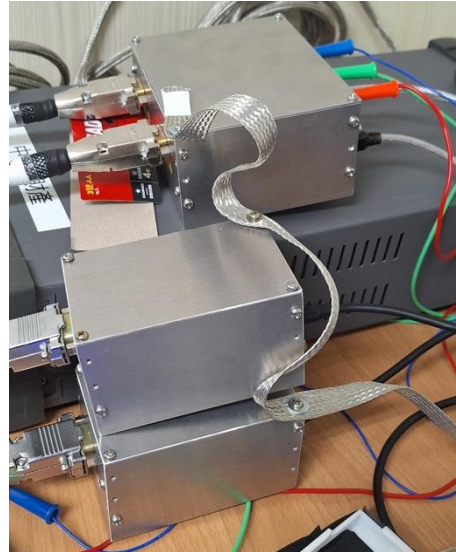


Status Report

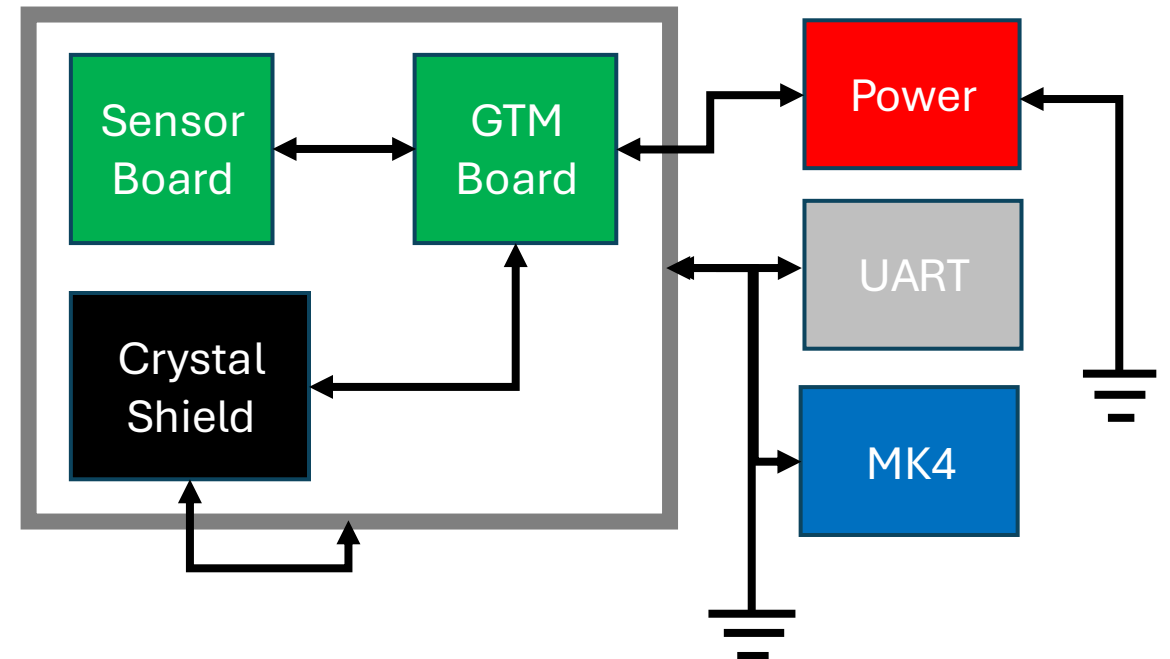
朱珈聖 Chu, Chia-Sheng



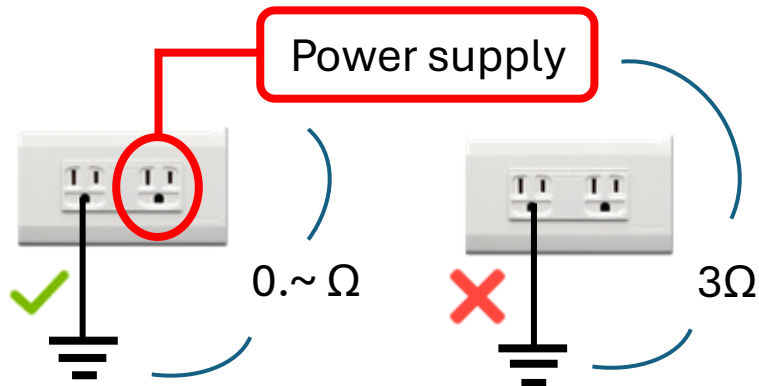
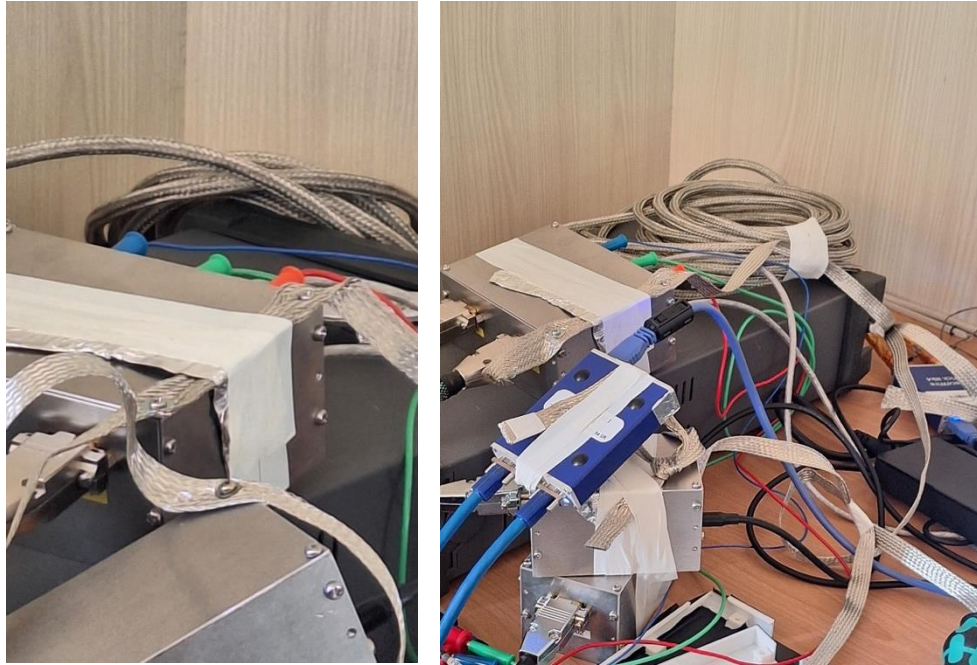
Noise Test - 1st



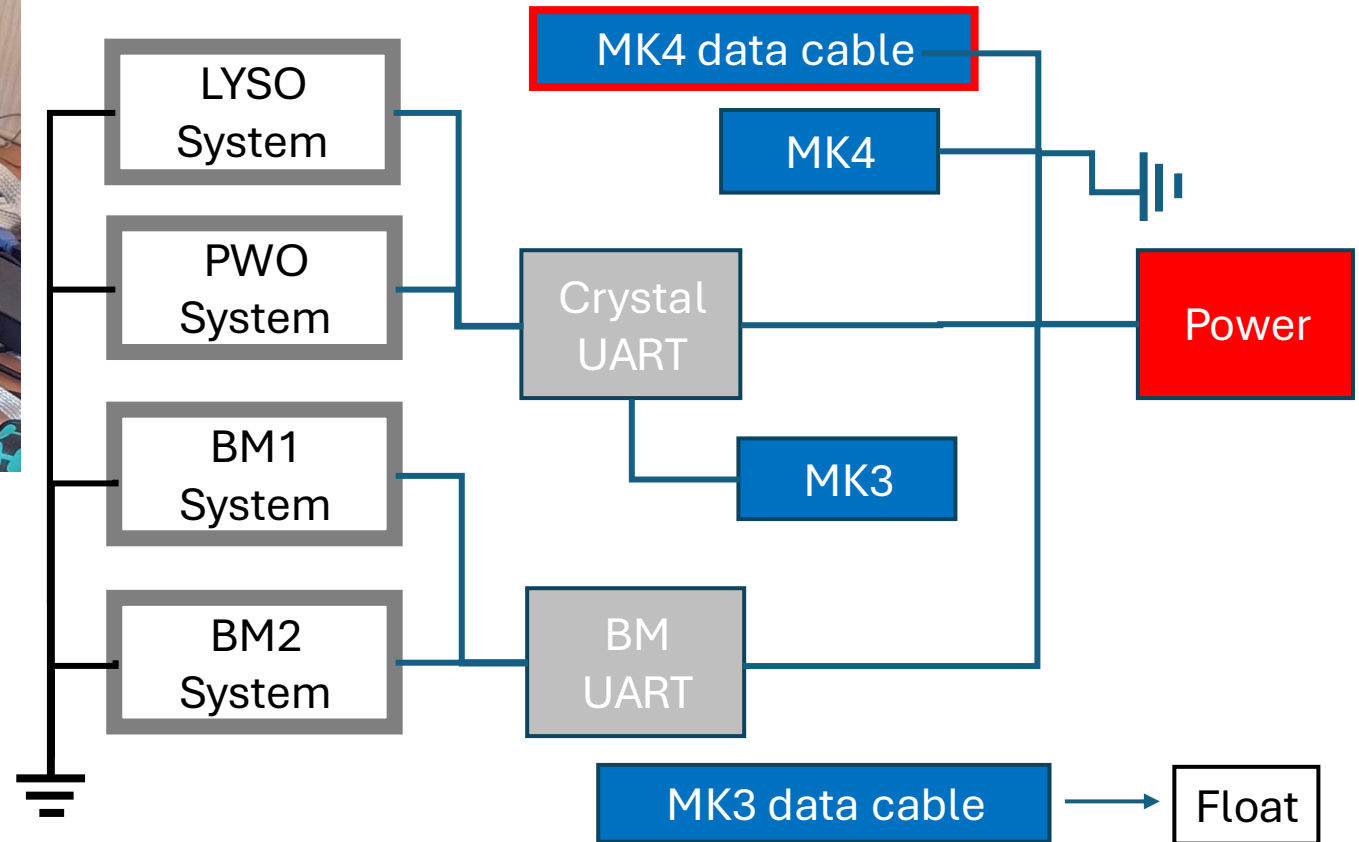
- Use the aluminum foil to cover the Al extr. Frame.
- Use the wire to connect the GTM and crystal shield.
- Use braided sleeving to connect the frame, UART and MK4.



Noise Test – 2nd



- LYSO was turned off.
- The MK4 shielding wire will let the signal not stable.
- UART needs to be surrounded by a grounding wire.



Noise Log

1. Close LYSO, change to same socket

Item	Value	Count	Live
PWO	270 / 300	100 / 100	97 / 95
BM1	230 / 240	20 / 400	99 / 90
BM2	220 / 220	0 / 130	99 / 96

2. UART grounding

Item	Value	Count	Live
PWO	270 / 300	40 / 50	99 / 99
BM1	230 / 240	30 / 400	89 / 90
BM2	220 / 220	0 / 4	99 / 99

3. Turn off BM

Item	Value	Count	Live
PWO	260 / 290	150 / 200	96 / 95

4. PWO & LYSO UART connect but floating

PWO	255 / 280	450 / 280	90 / 93
	260 / 290	100 / 80	97 / 98

5. BM turn on

PWO	260 / 290	160 / 300	96 / 93
BM1	230 / 240	20 / 100	99 / 97
BM2	220 / 230	10 / 130	99 / 96

6. Mk3=>(LYSO PWO)UART=>power supply

PWO	260 / 290	100 / 60	98 / 98
BM1	230 / 240	18 / 90	99 / 98
BM2	220 / 230	0 / 0	99 / 99

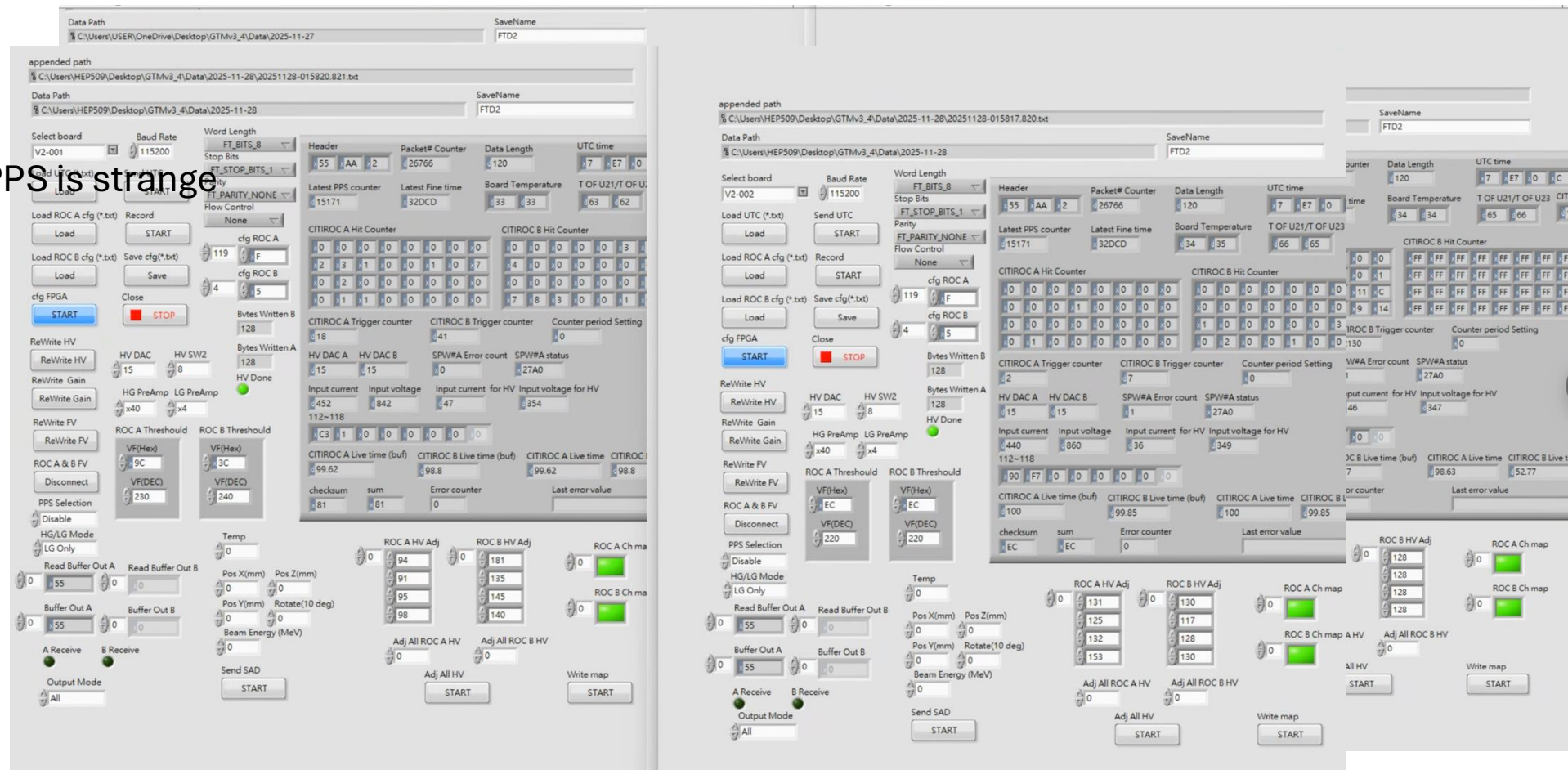
PWO	260 / 280	100 / 200	97 / 95
BM1	220 / 235	150 / 300	96 / 93
BM2	210 / 215	150 / 350	97 / 92

Noise Result



Backup

LYSO PPS is strange



Power Outage

No HV:



- Power outage occur in NCU at AM 3:00
- The CitiROC is normal

With HV:



Run4081_HV210_VF

Run4081_HV15_VF

Run4081_HV15_8_VF