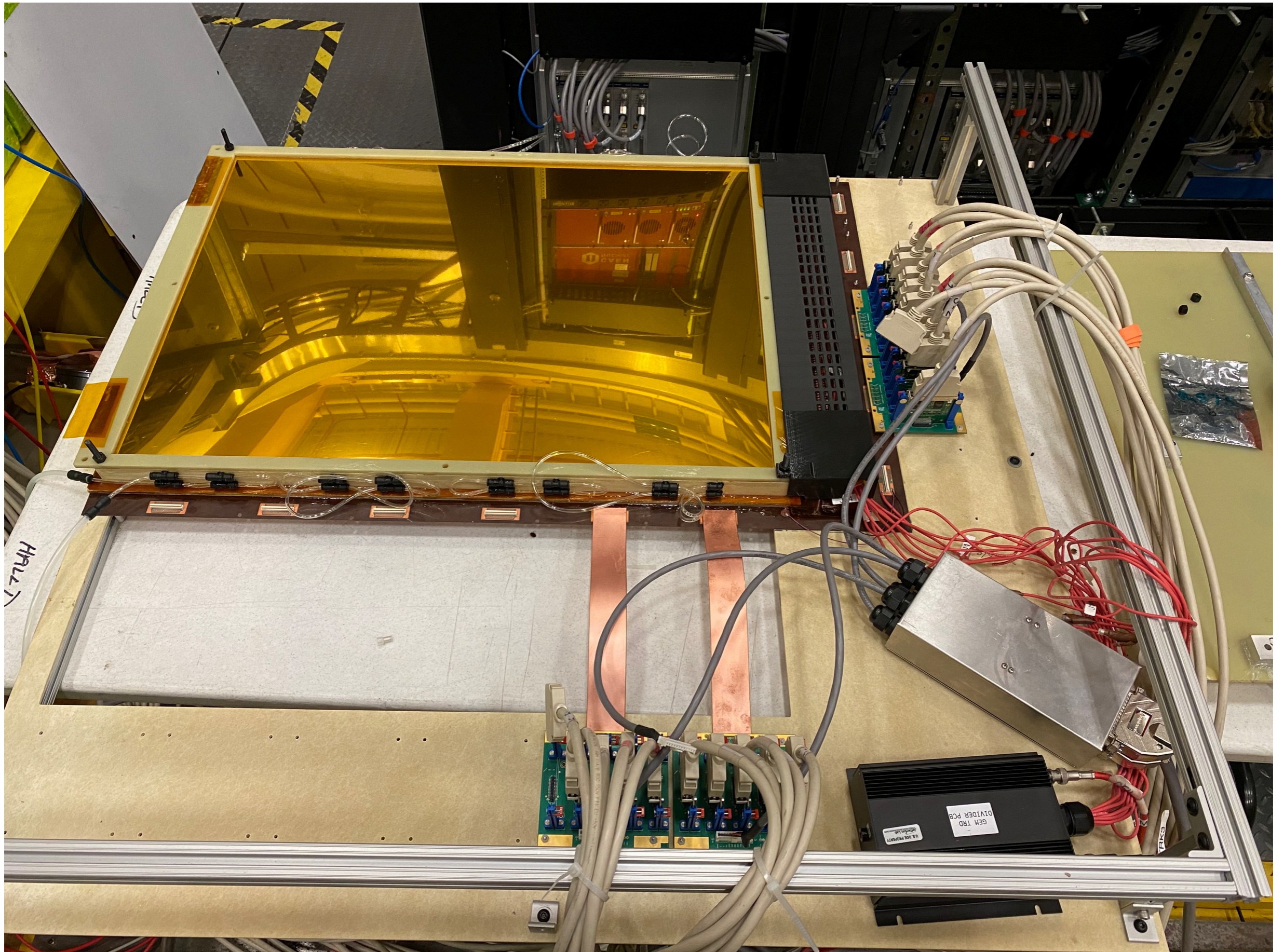
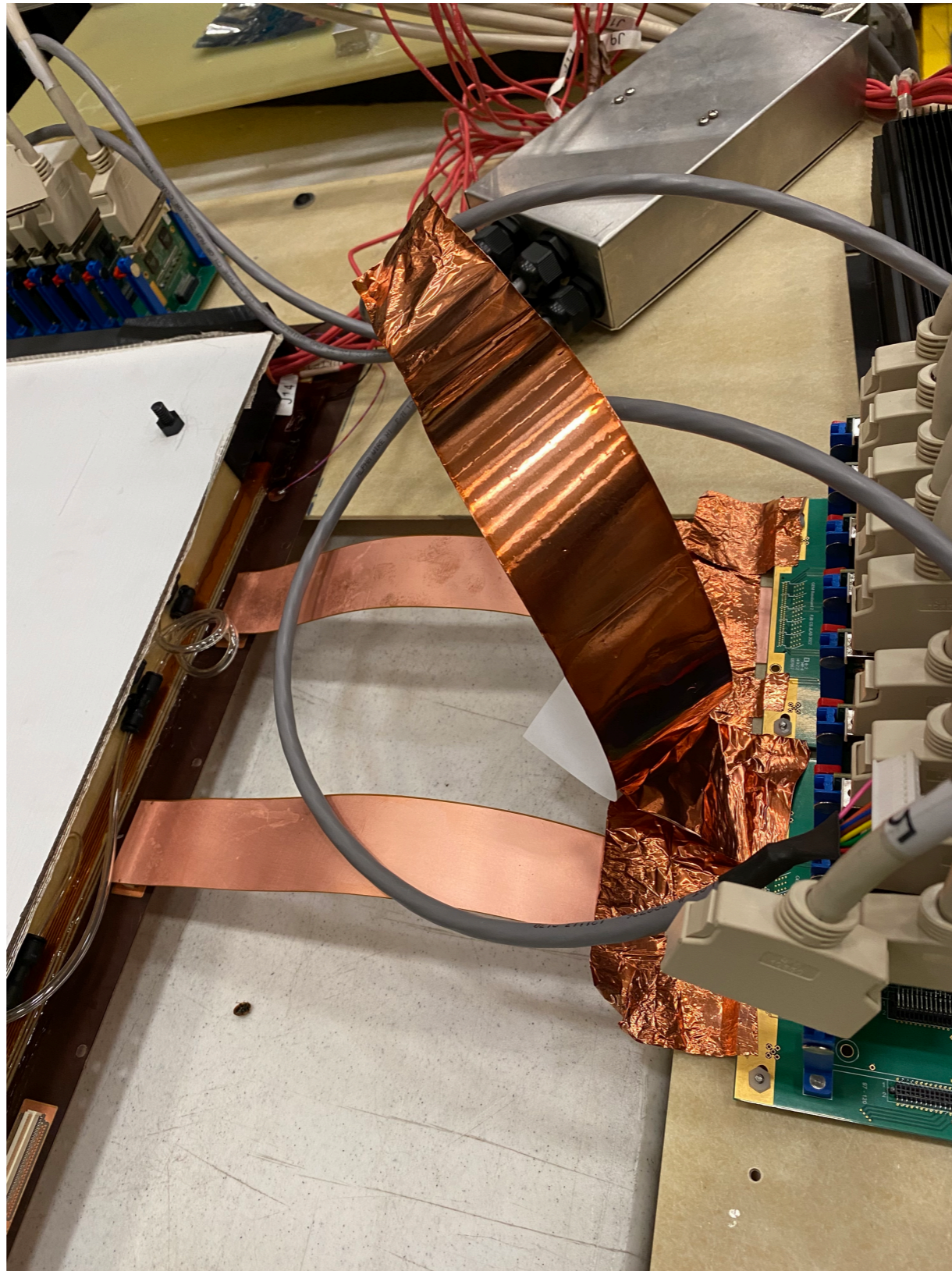


Tests of large GEM-TRD with f125



Tests of large GEM-TRD with f125



Tests of large GEM-TRD with f125

- 20 (x24ch.) pre-amps - 480 channels
- Will add another 10 pre-amps for the March test - 720 channels
- 10 f125s - connected with CPP type cables
- X/Y strips 1mm pitch
- Gas: **25 sccpm 36L/day!!** , Ar/CO₂ 80/20, chamber volume 9L
- **Drift HV - 7kV**, GEM HV 3.4 kV
- Drift gap >2.5 cm, **drift field <1.44 kV/cm**, ideally need >1.3 kV/cm
- Cosmics covering the whole chamber - trigger from a long scintillator

Tests of large GEM-TRD with f125

