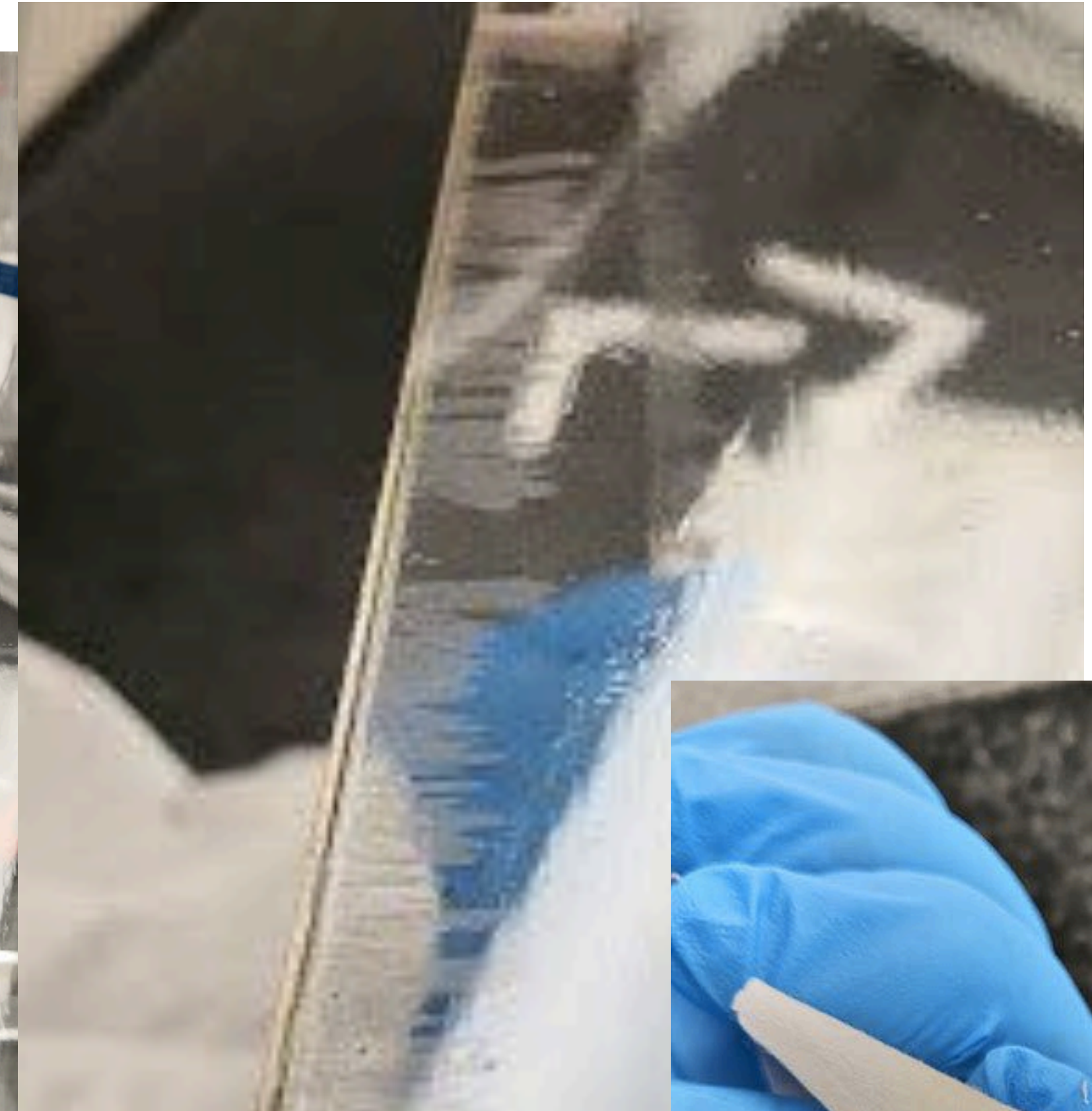
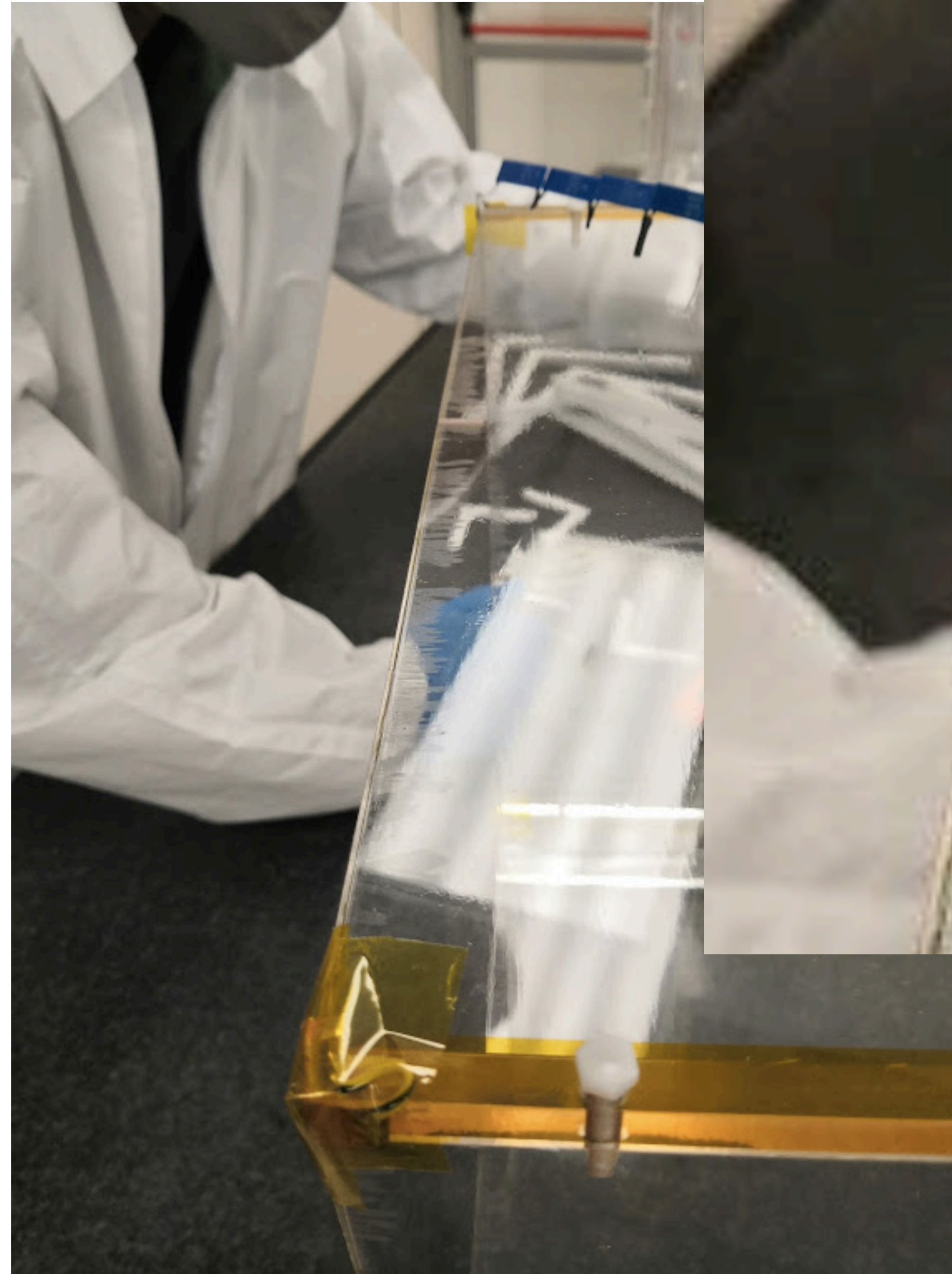
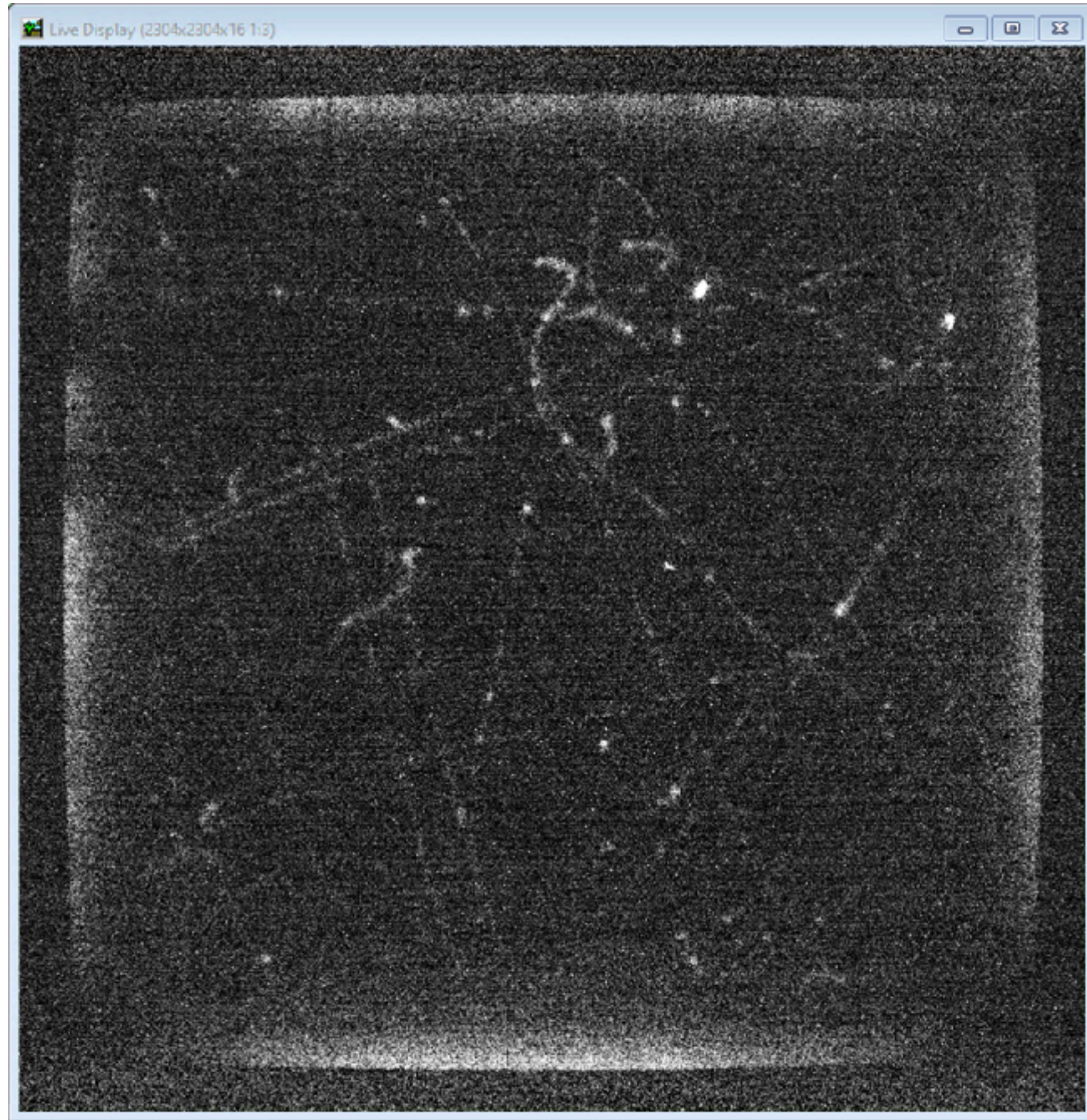


Integration - update

1/10/2020

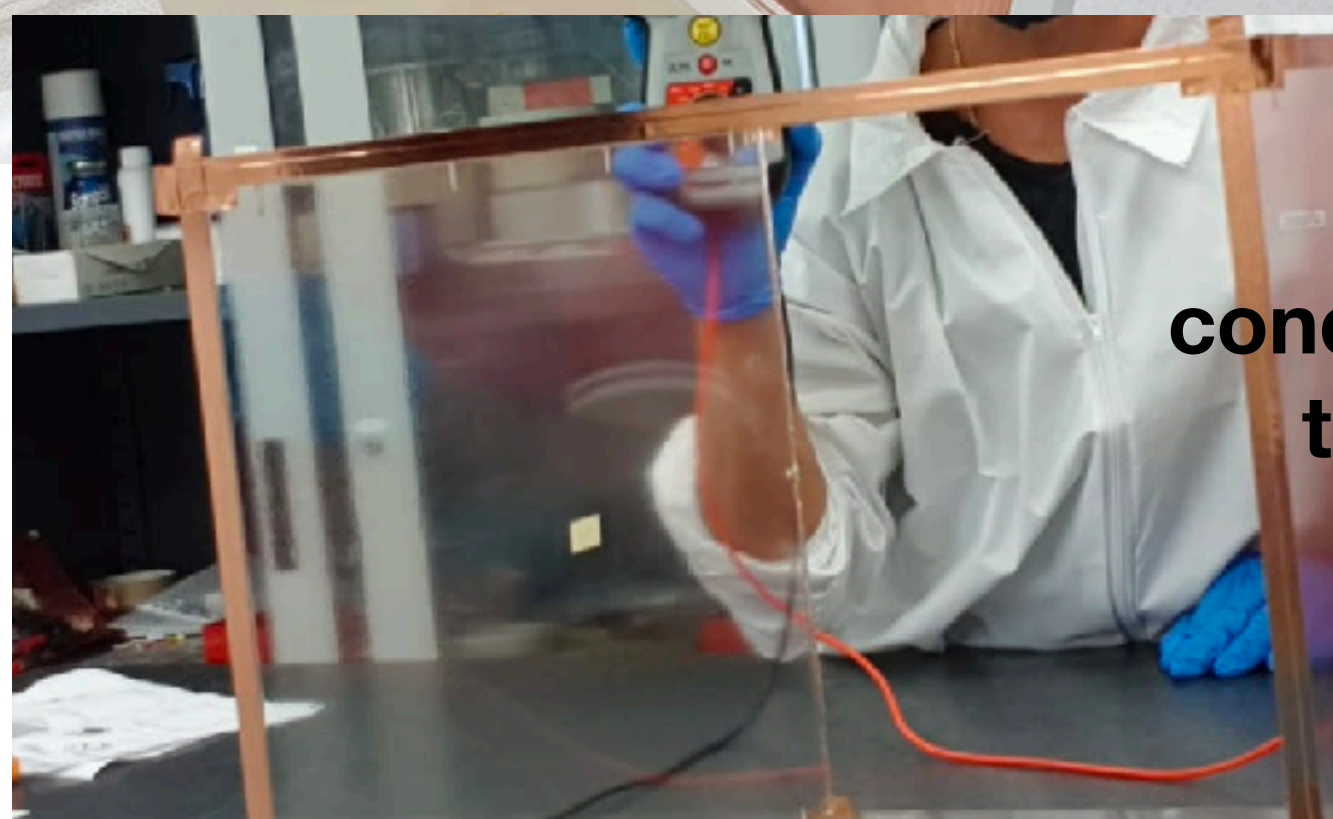
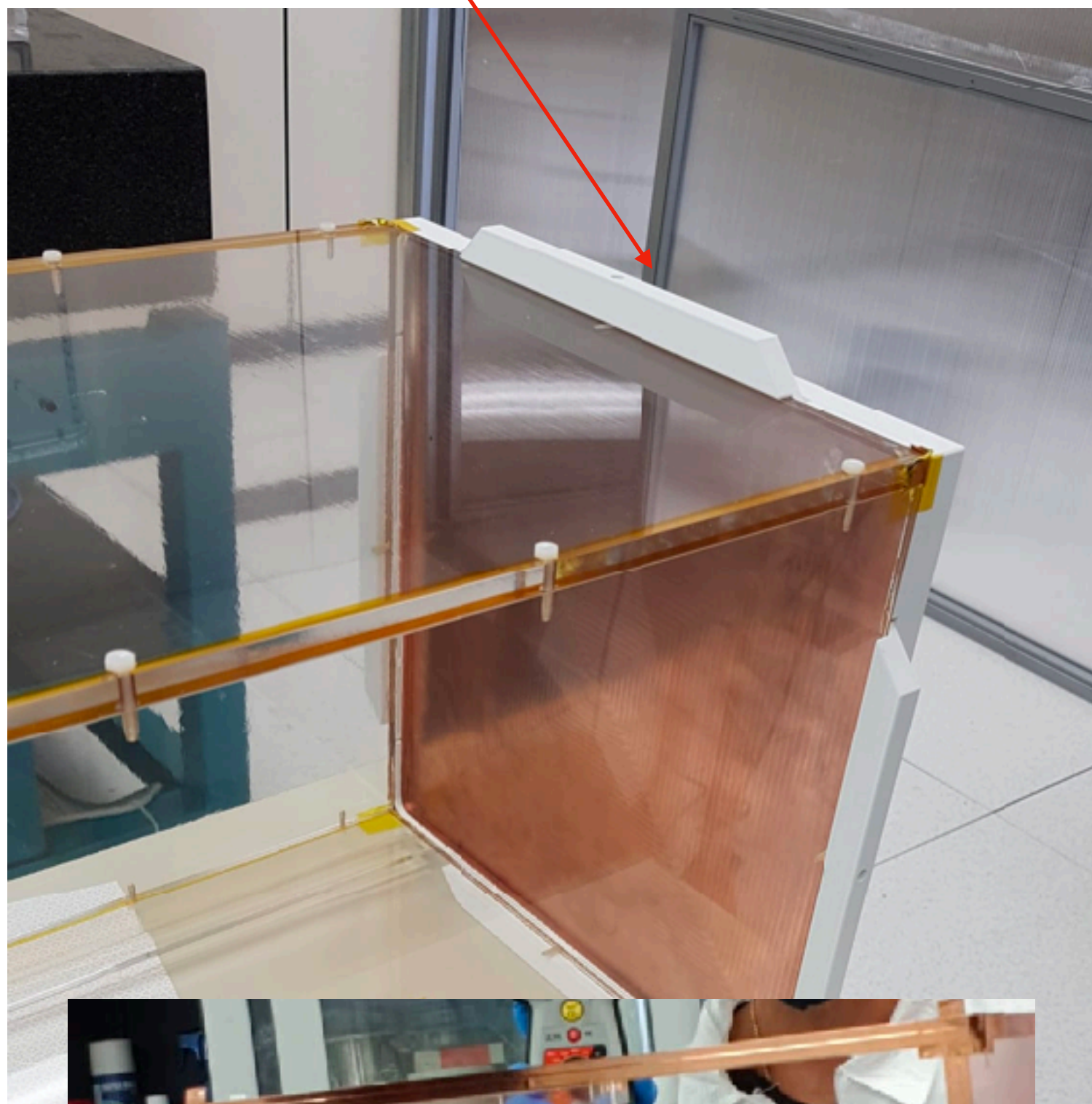
- LNGS no news (the T0 started???)
- LIME KFC update
- to do list

LIME KFC border discharges

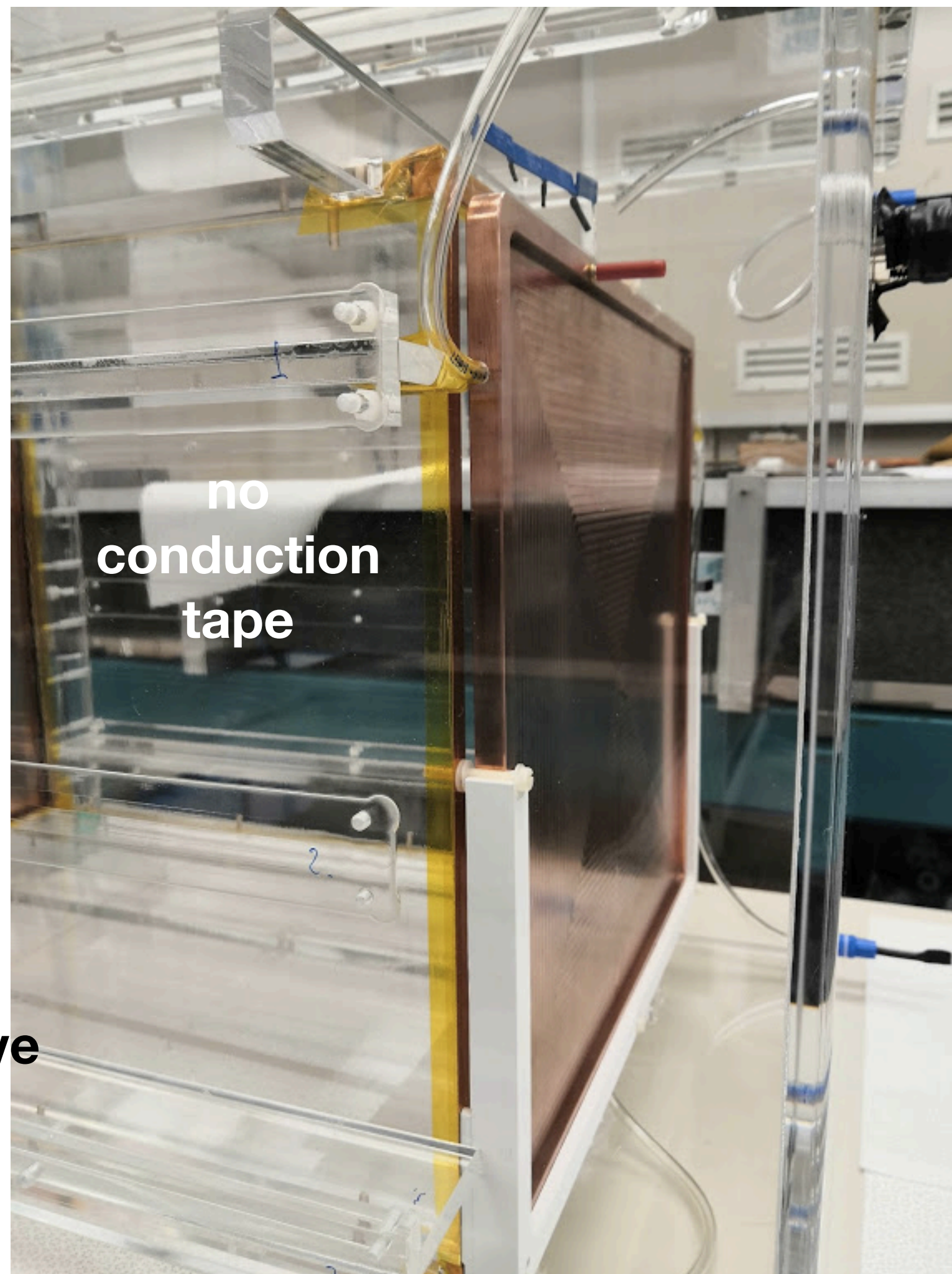


LIME KFC (con't)

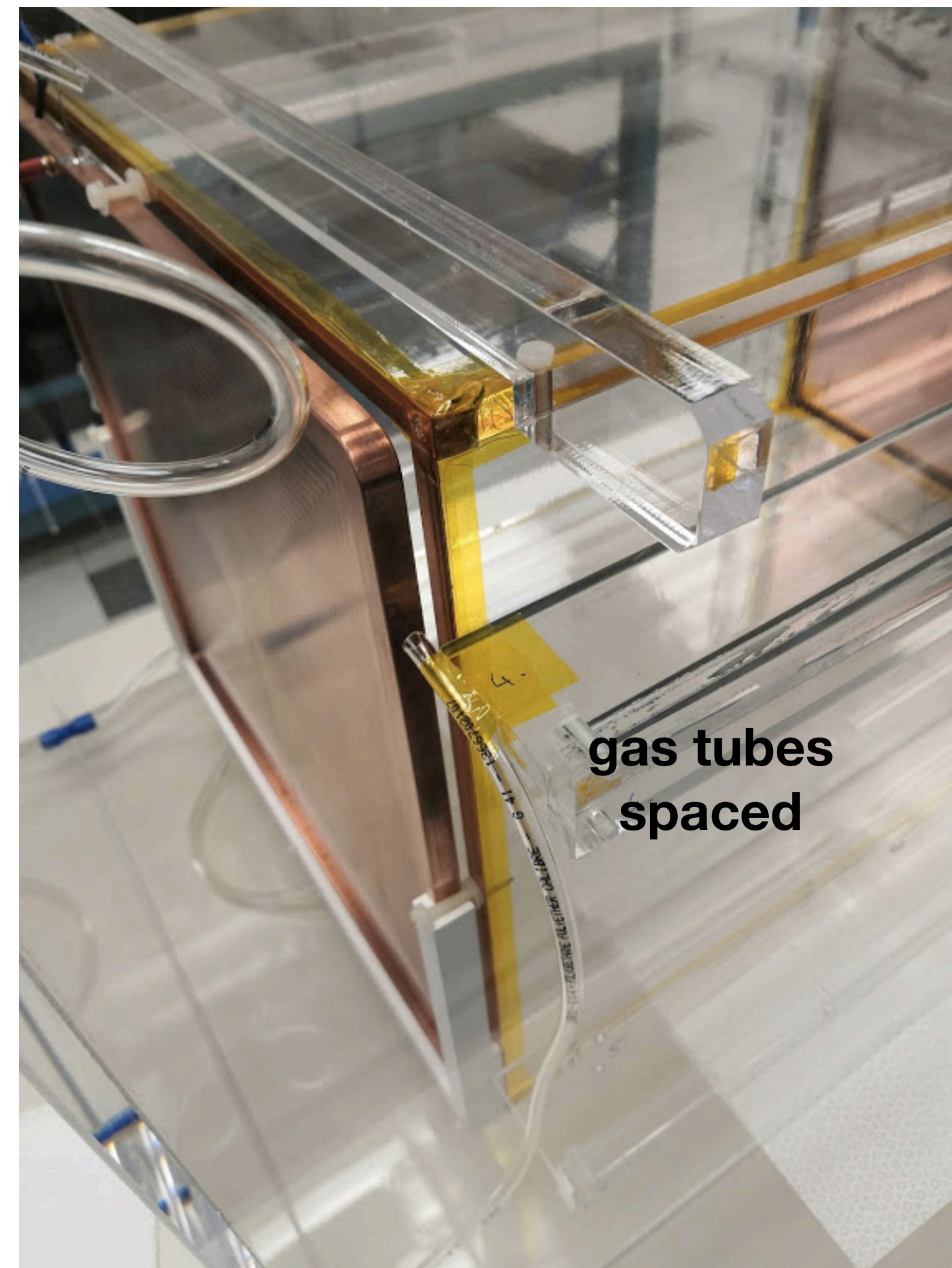
3d printed



conductive
tape

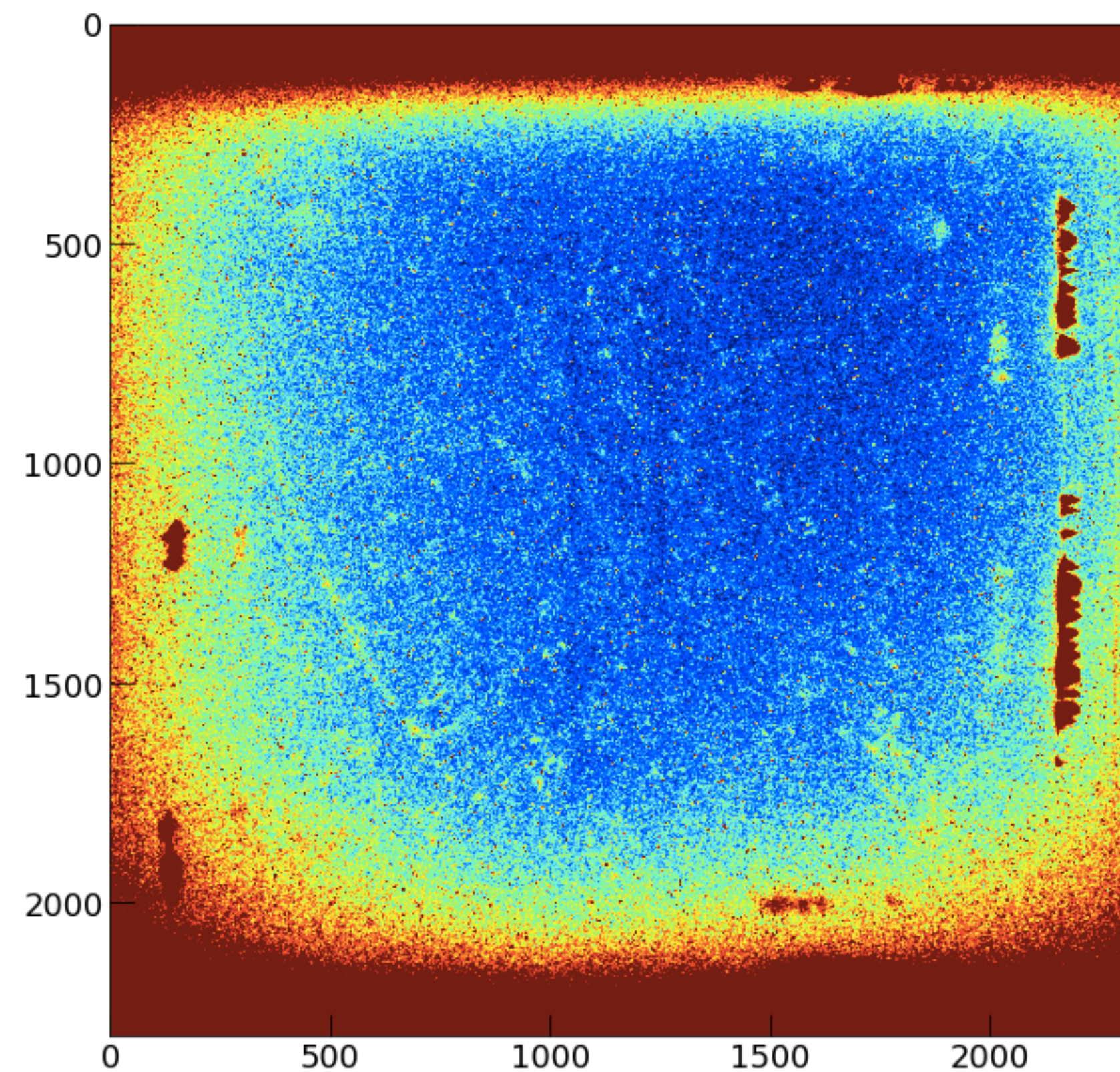


no
conduction
tape

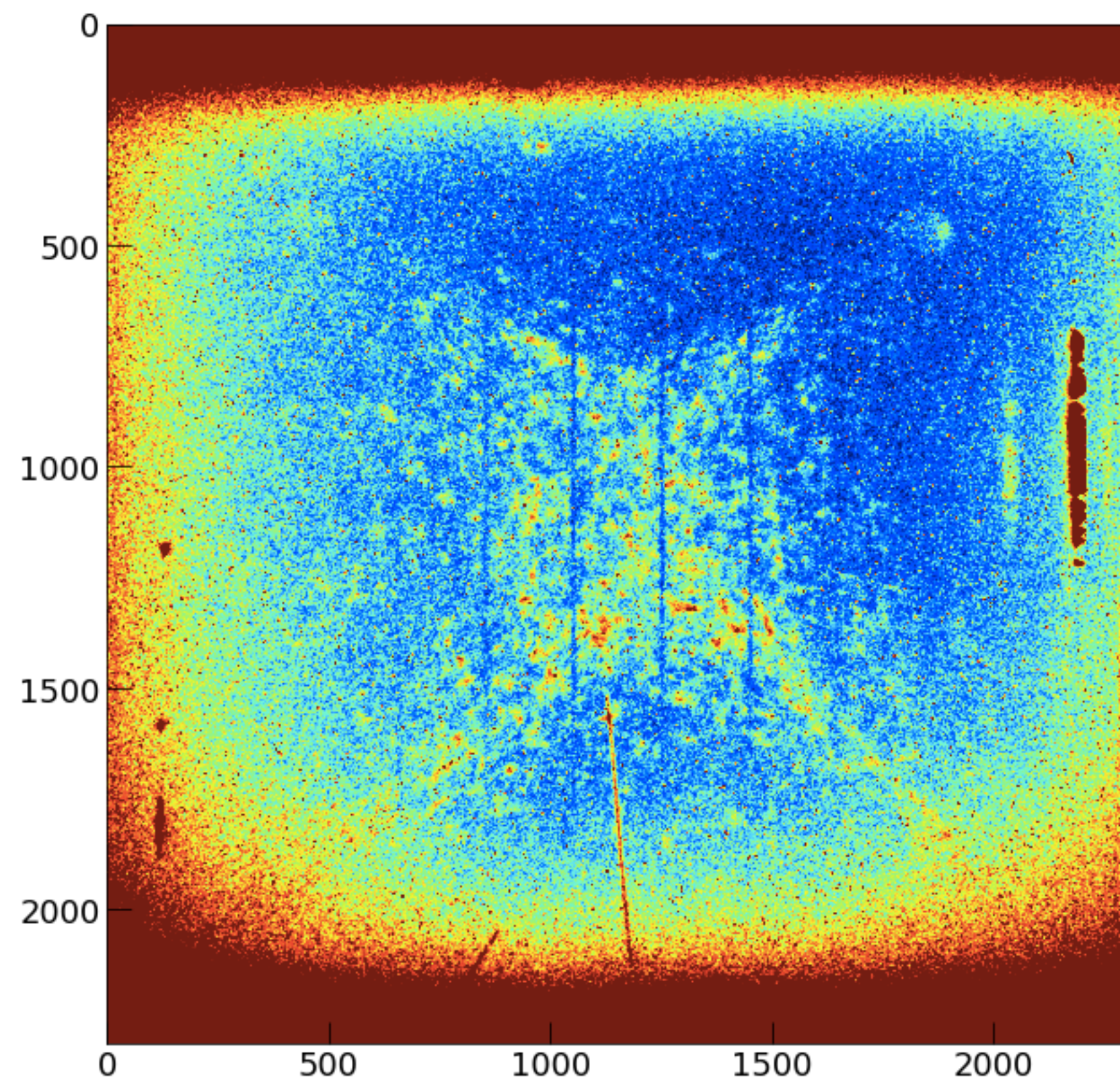


gas tubes
spaced

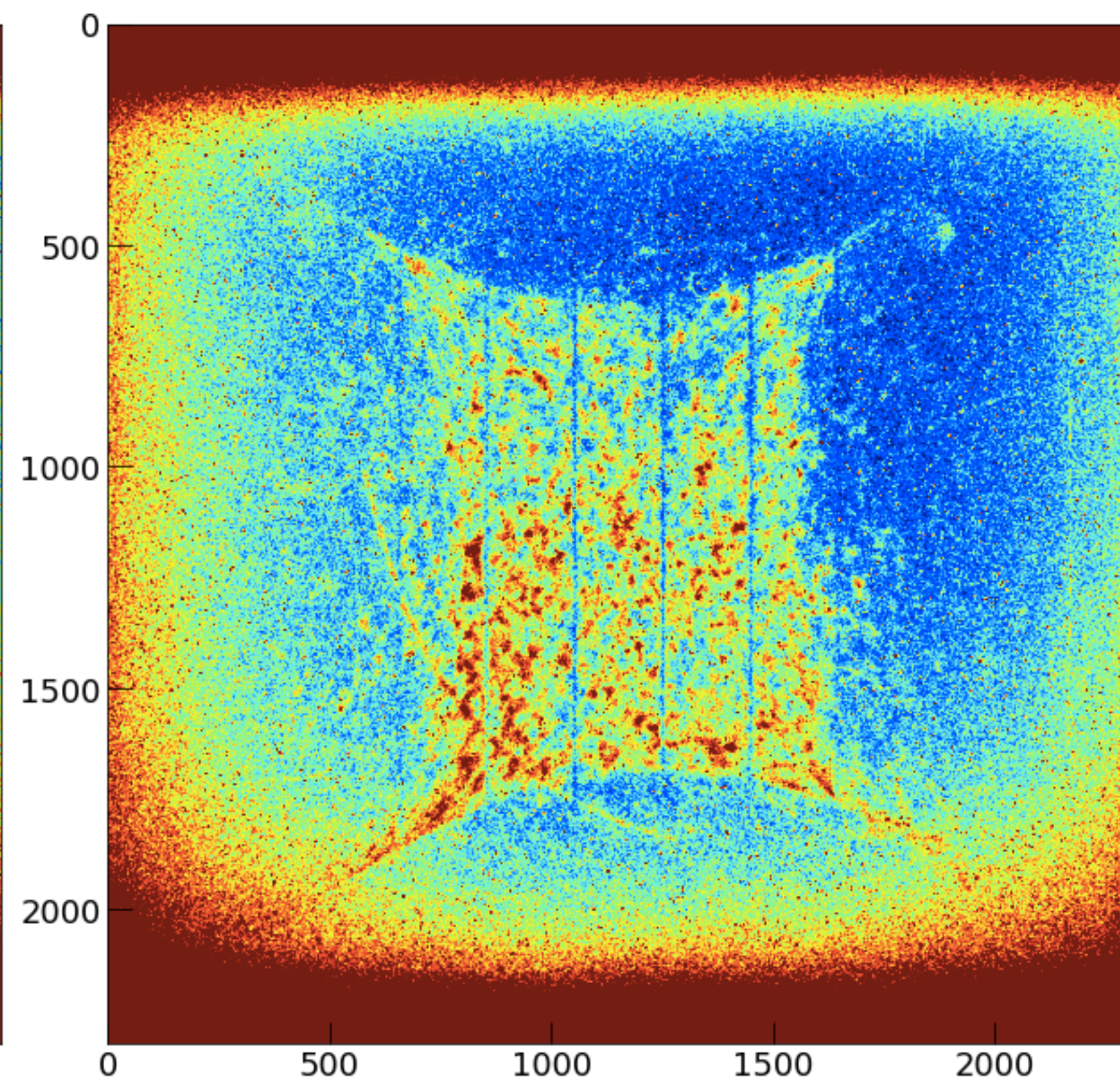
LIME KFC (con't)



0 kV

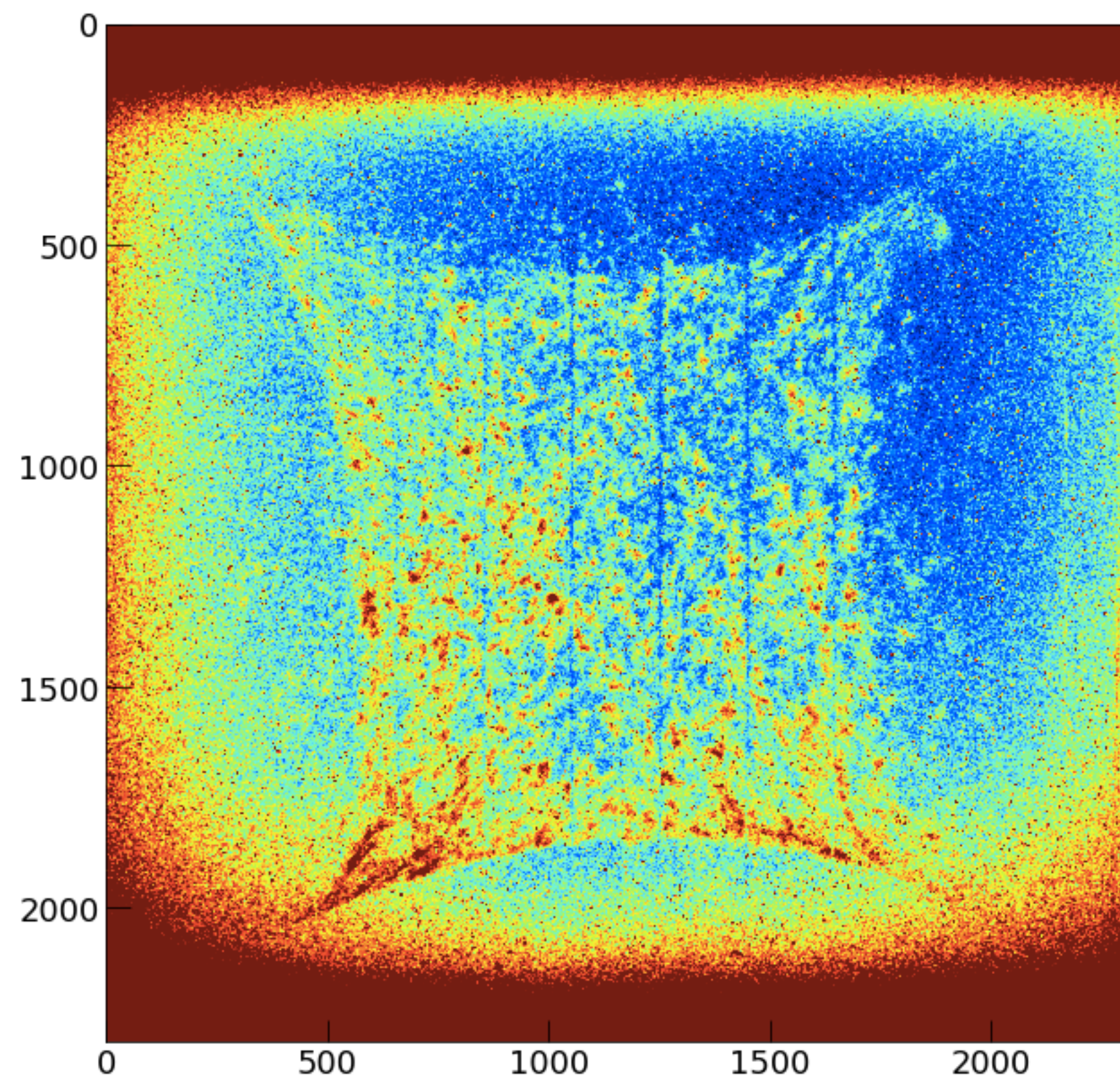


5 kV

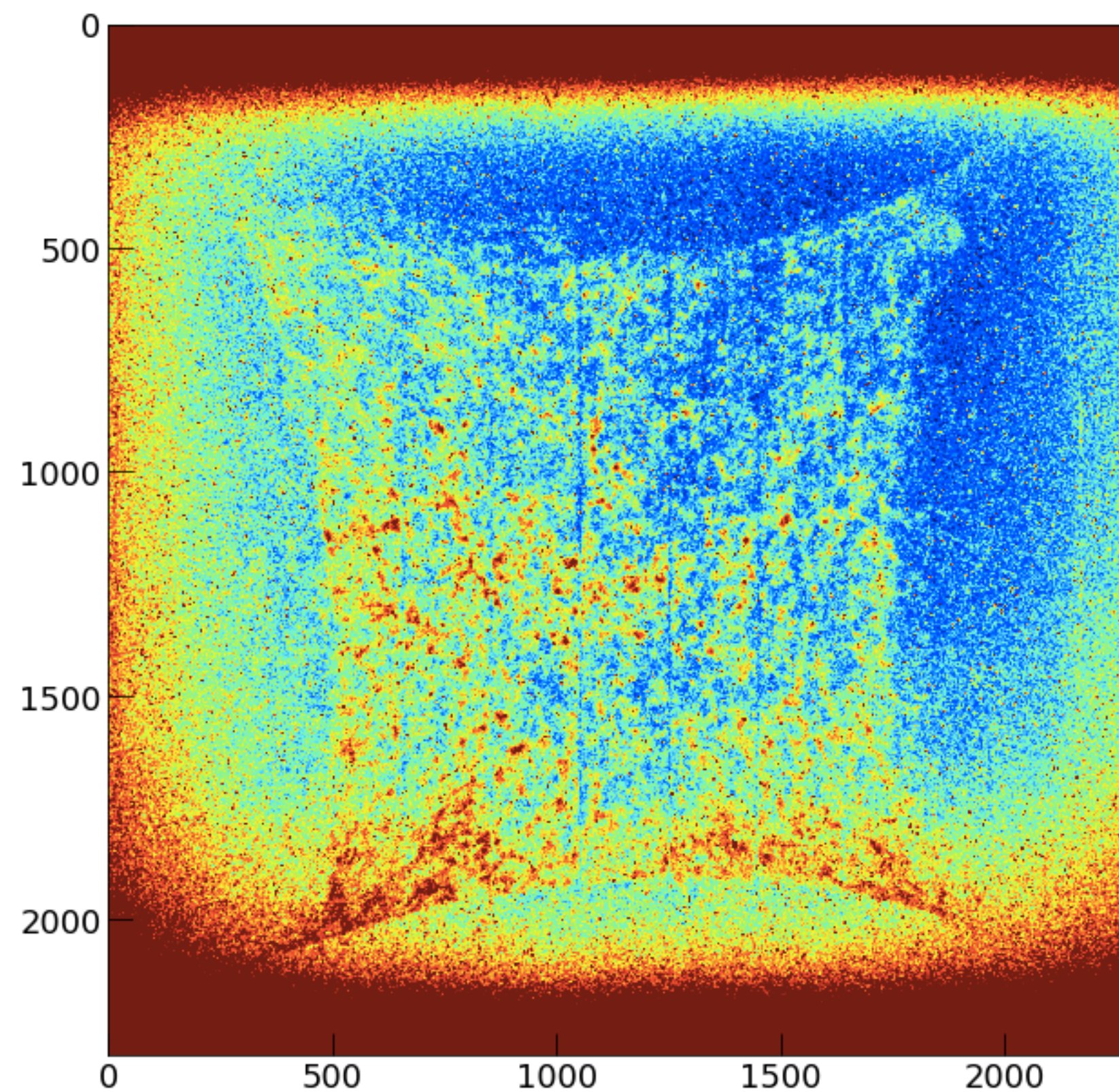


10 kV

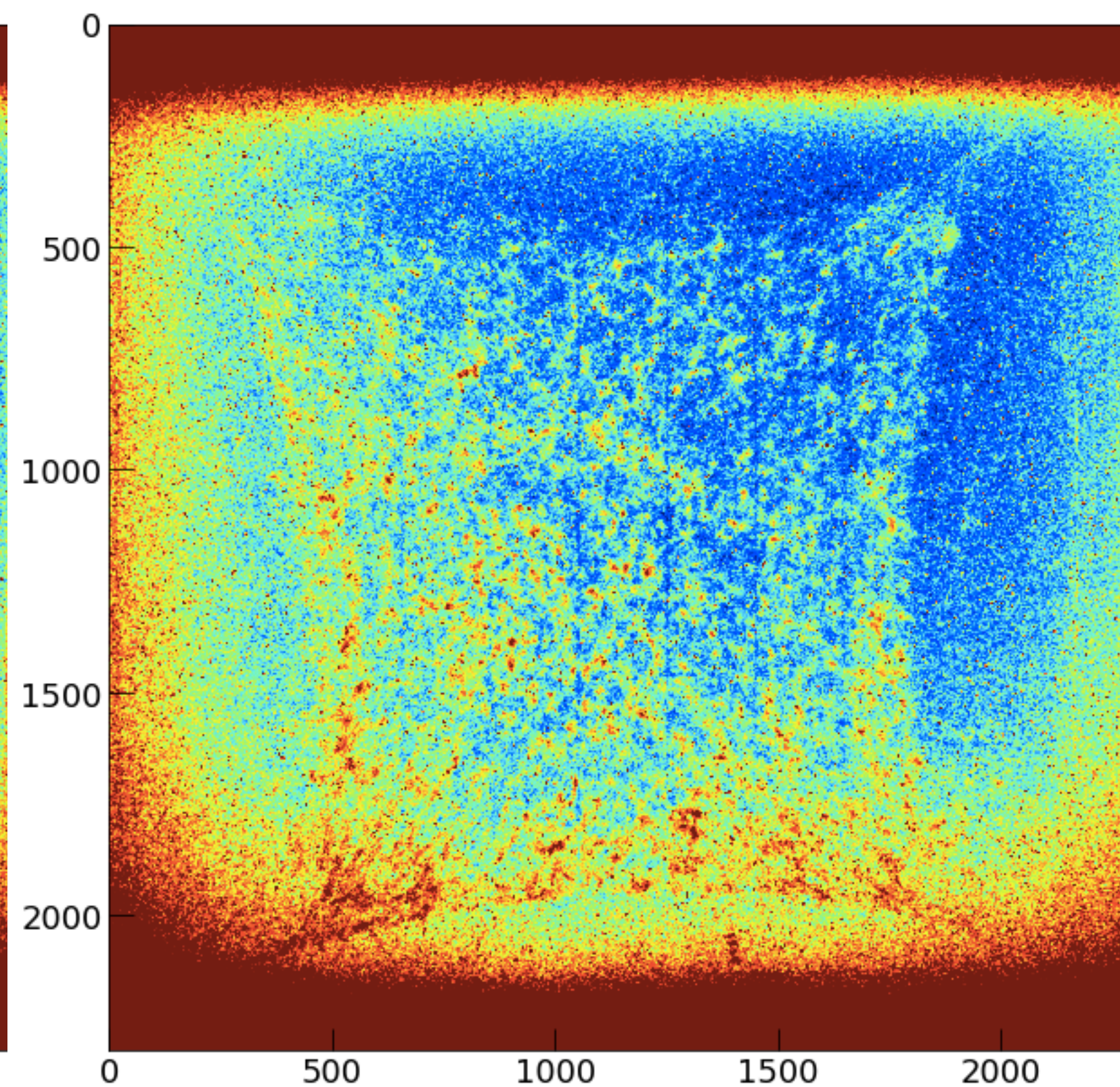
LIME KFC (con't)



20 kV

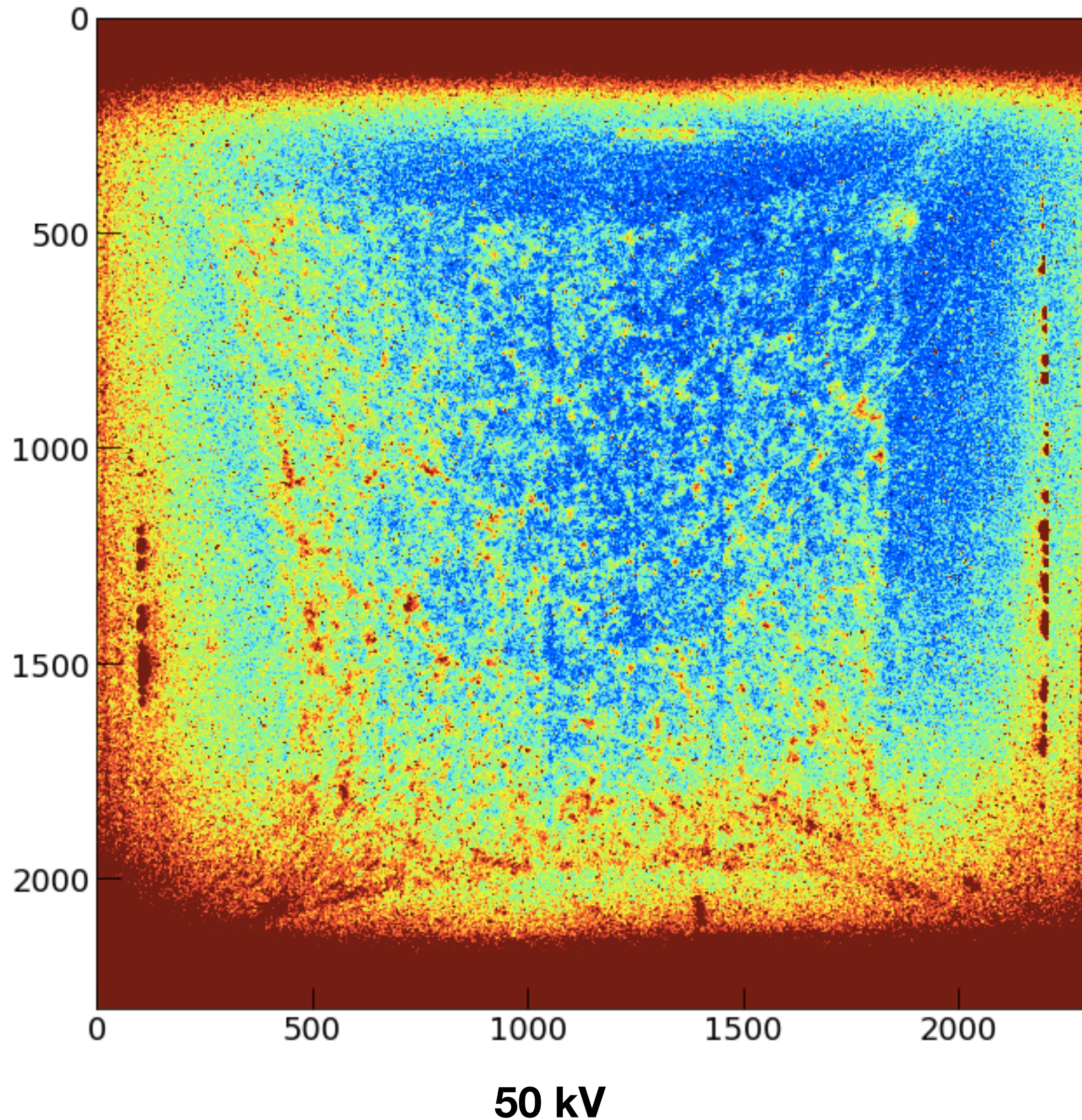


30 kV



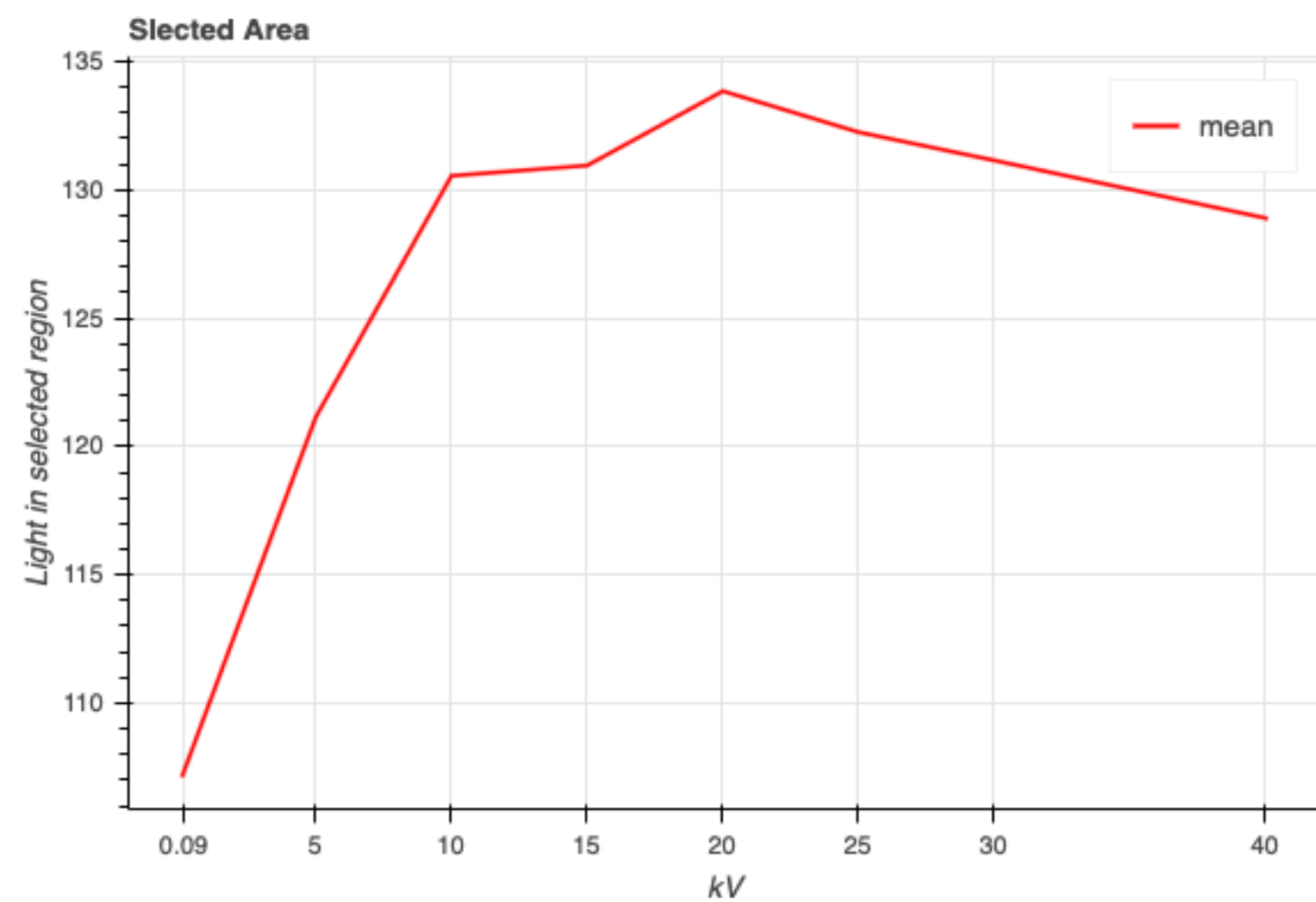
40 kV

LIME KFC (con't)

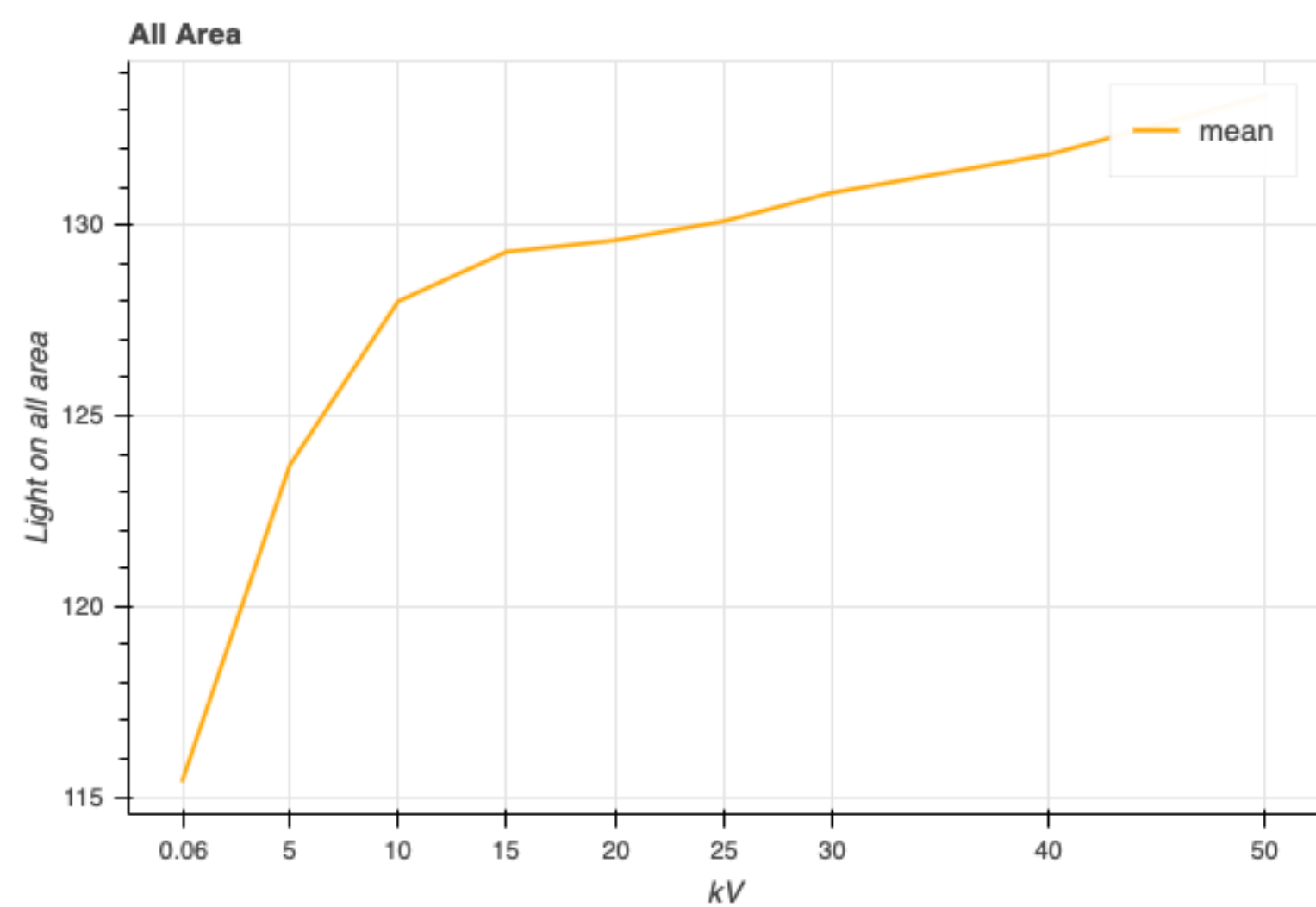


**it' seams that the LIME field
become more and more
parallel as long as the voltage
on the cathode increase
is the KFC working at all?**

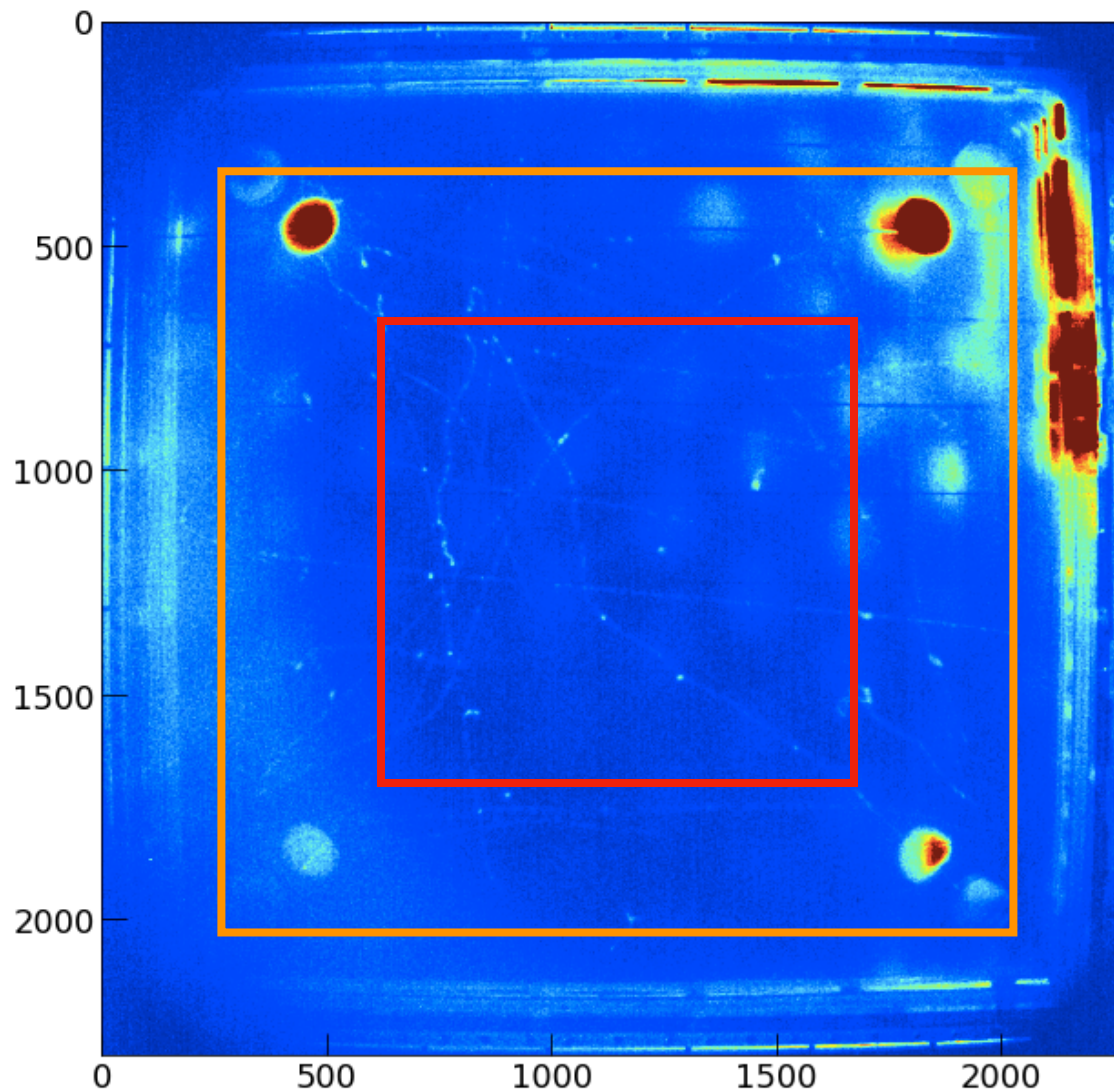
LIME KFC (con't)



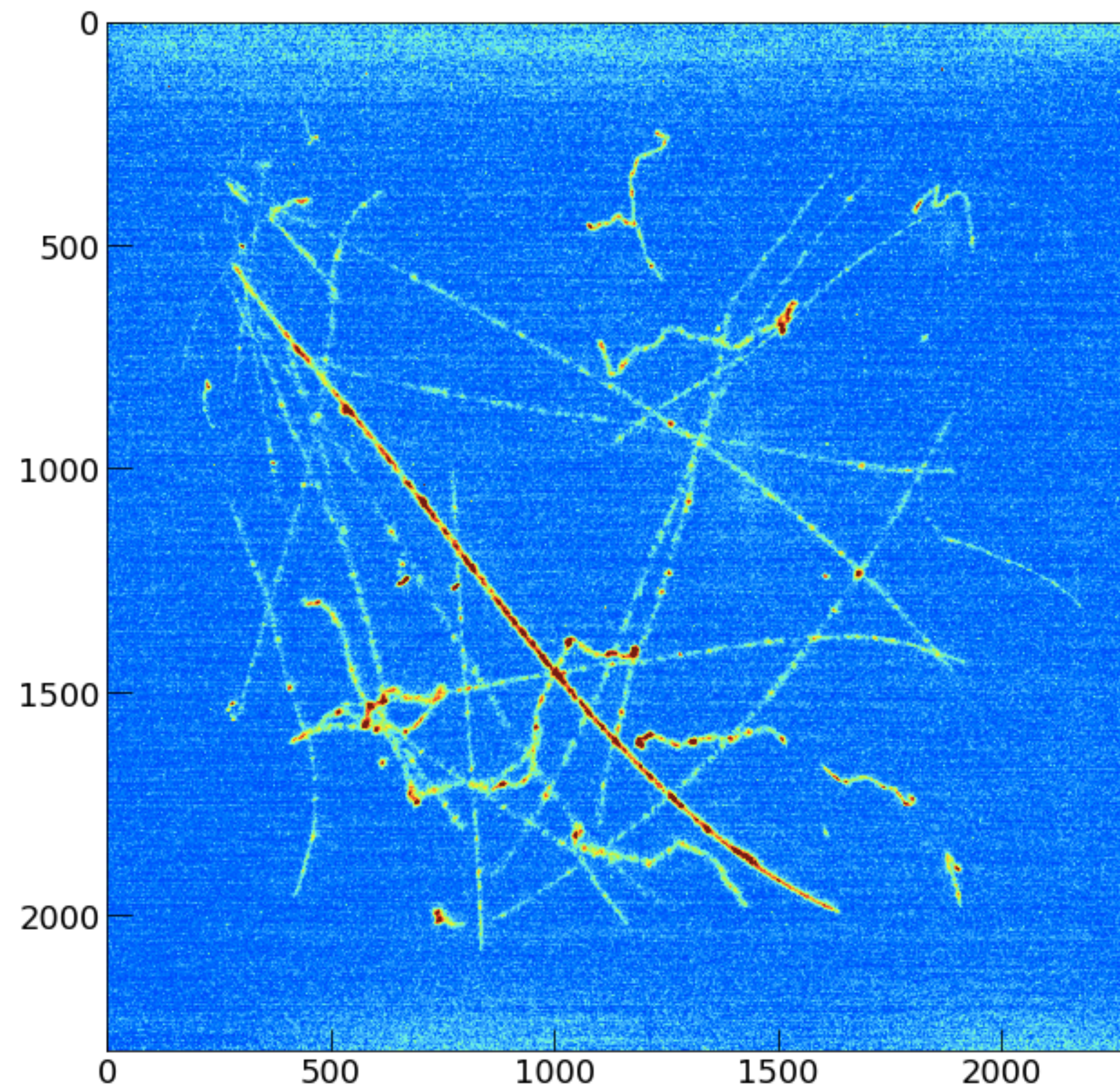
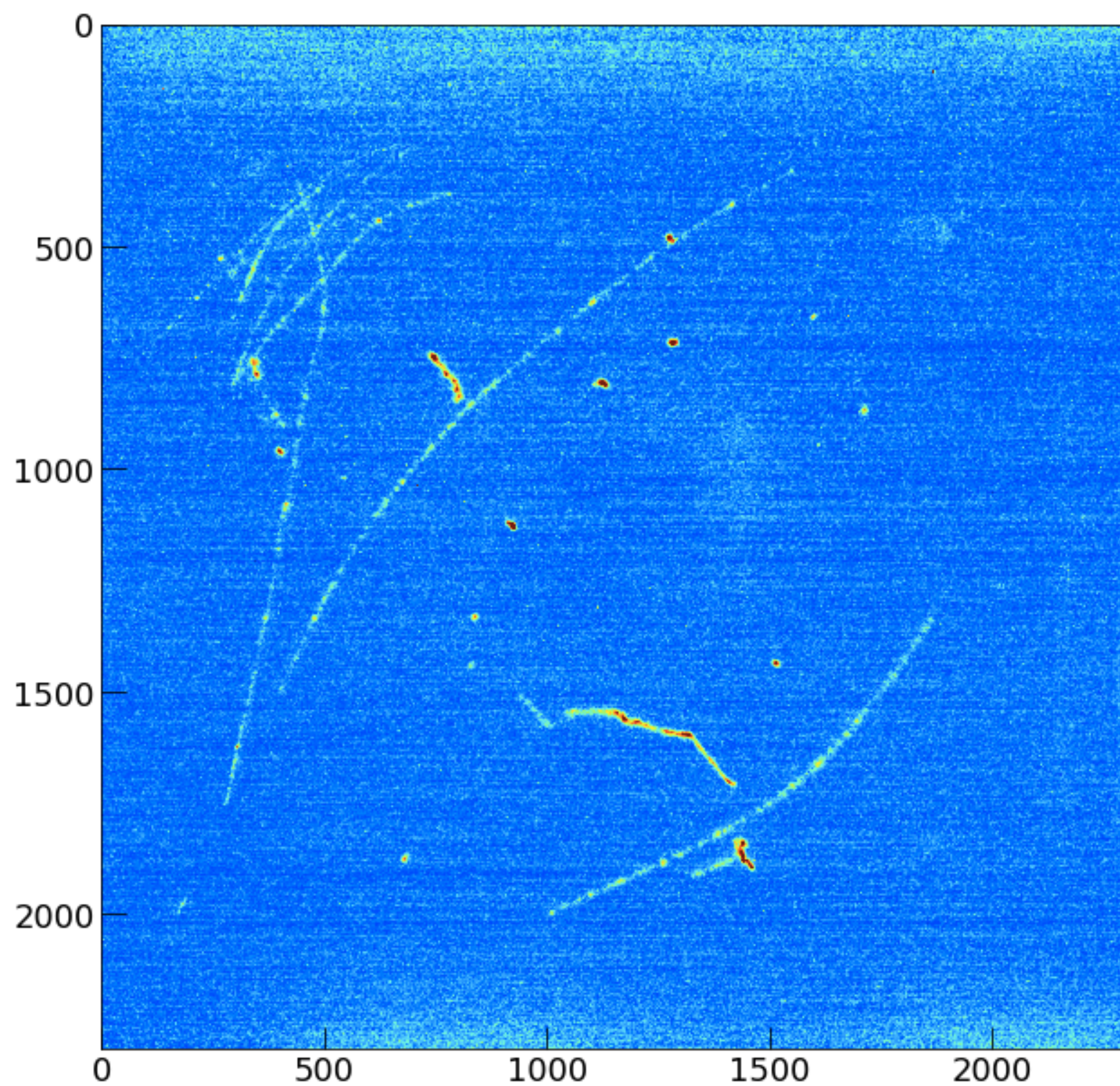
670-1576



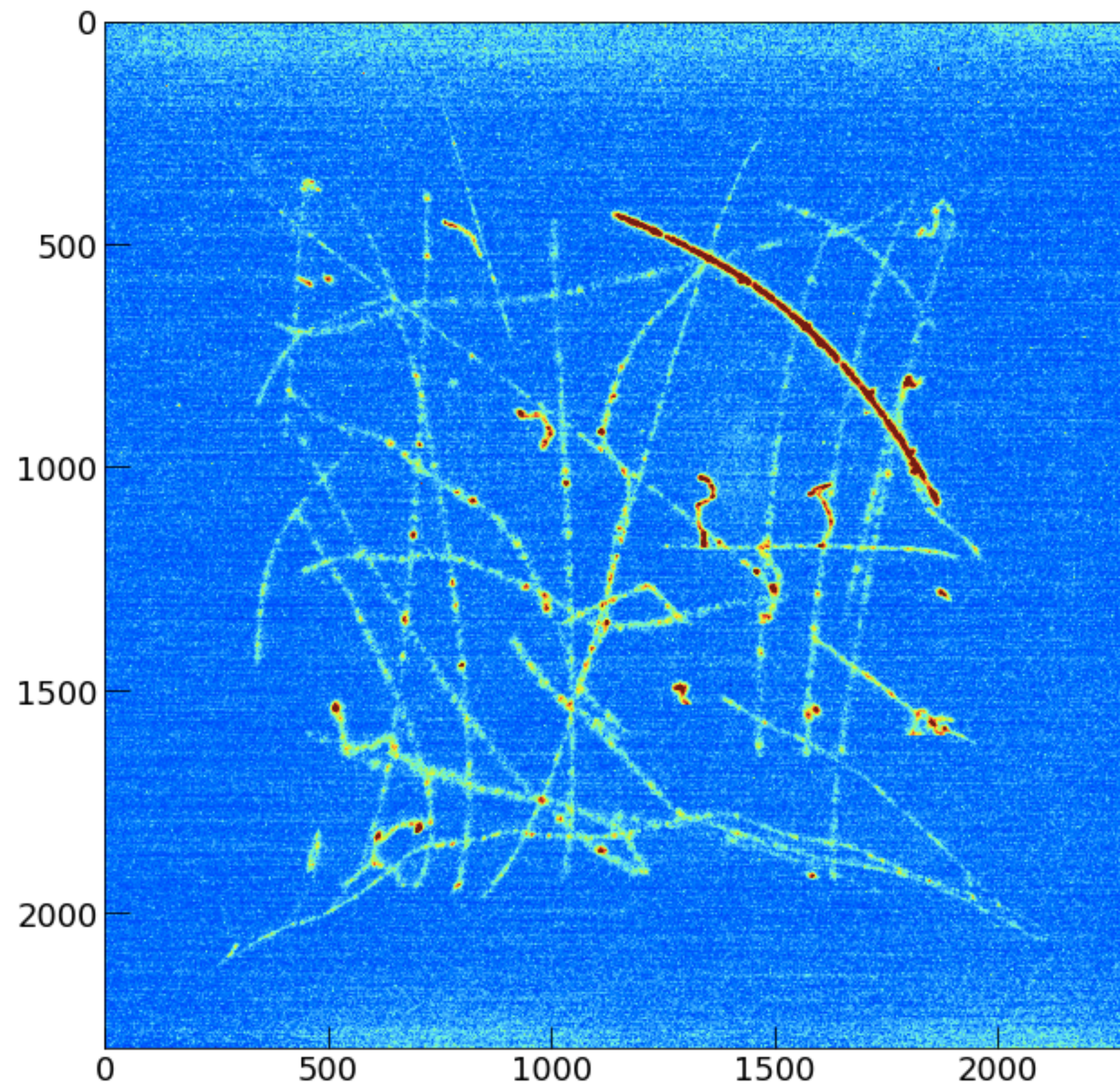
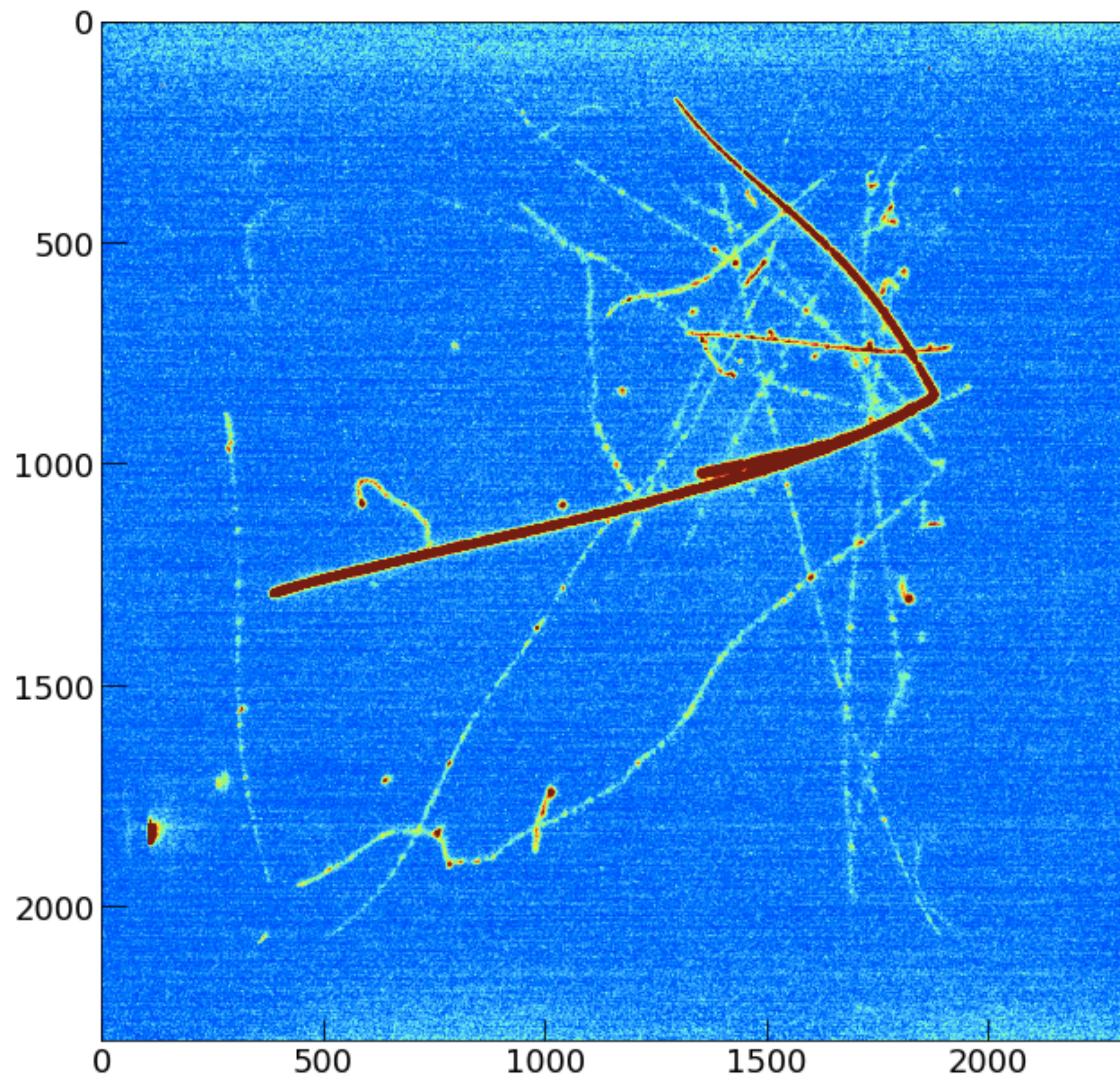
300-2048



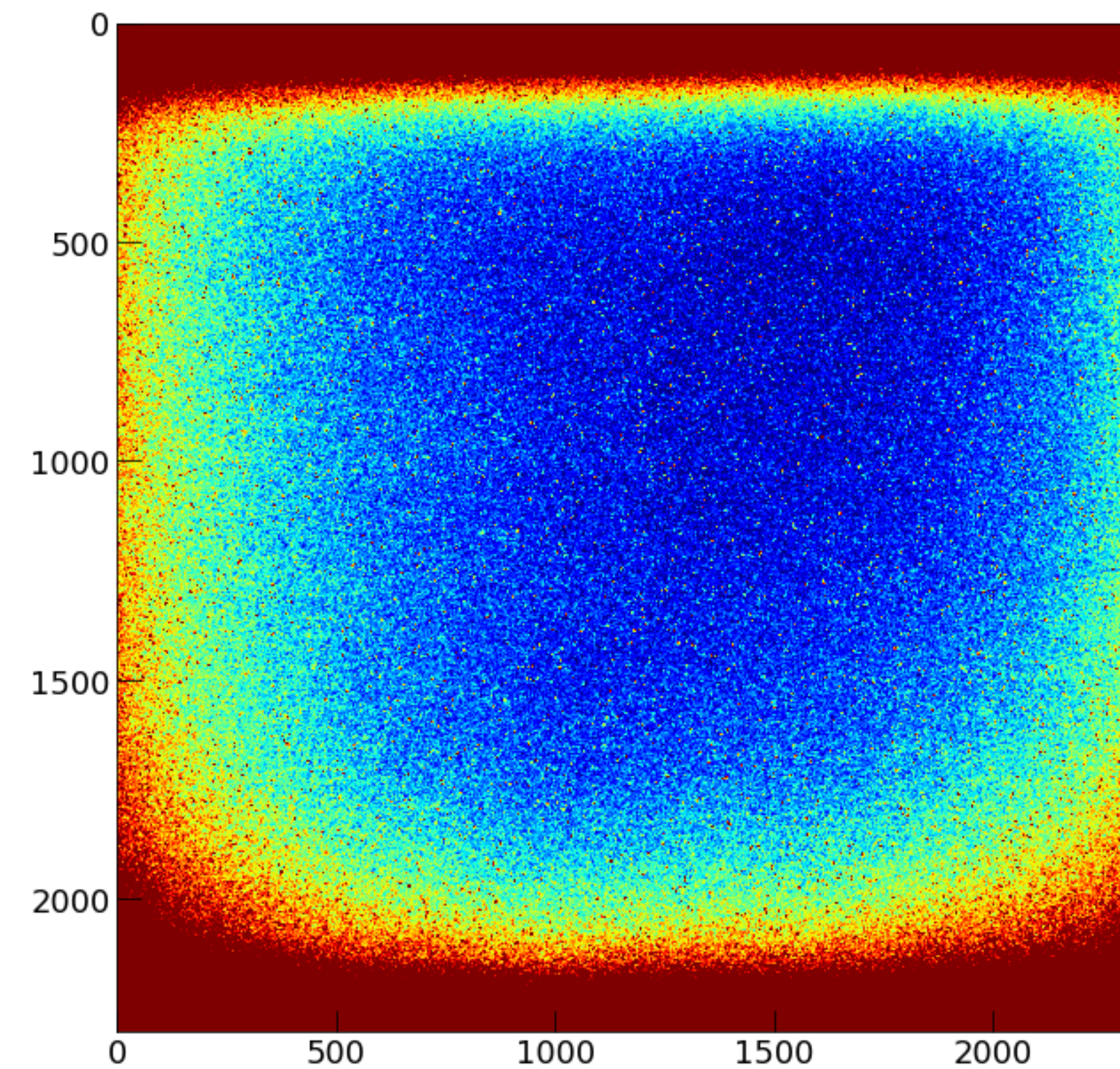
LIME KFC (con't)



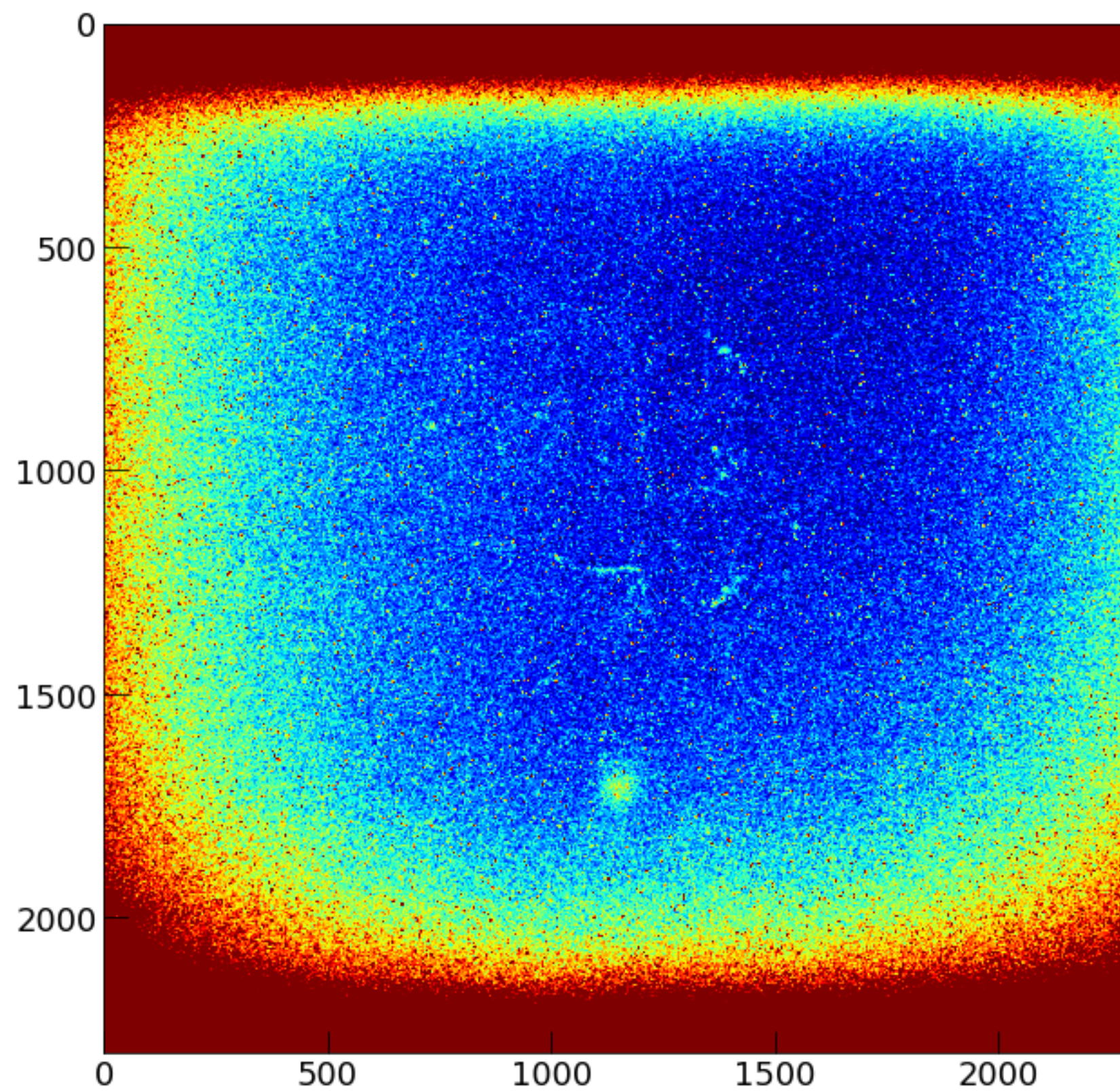
LIME KFC (con't)



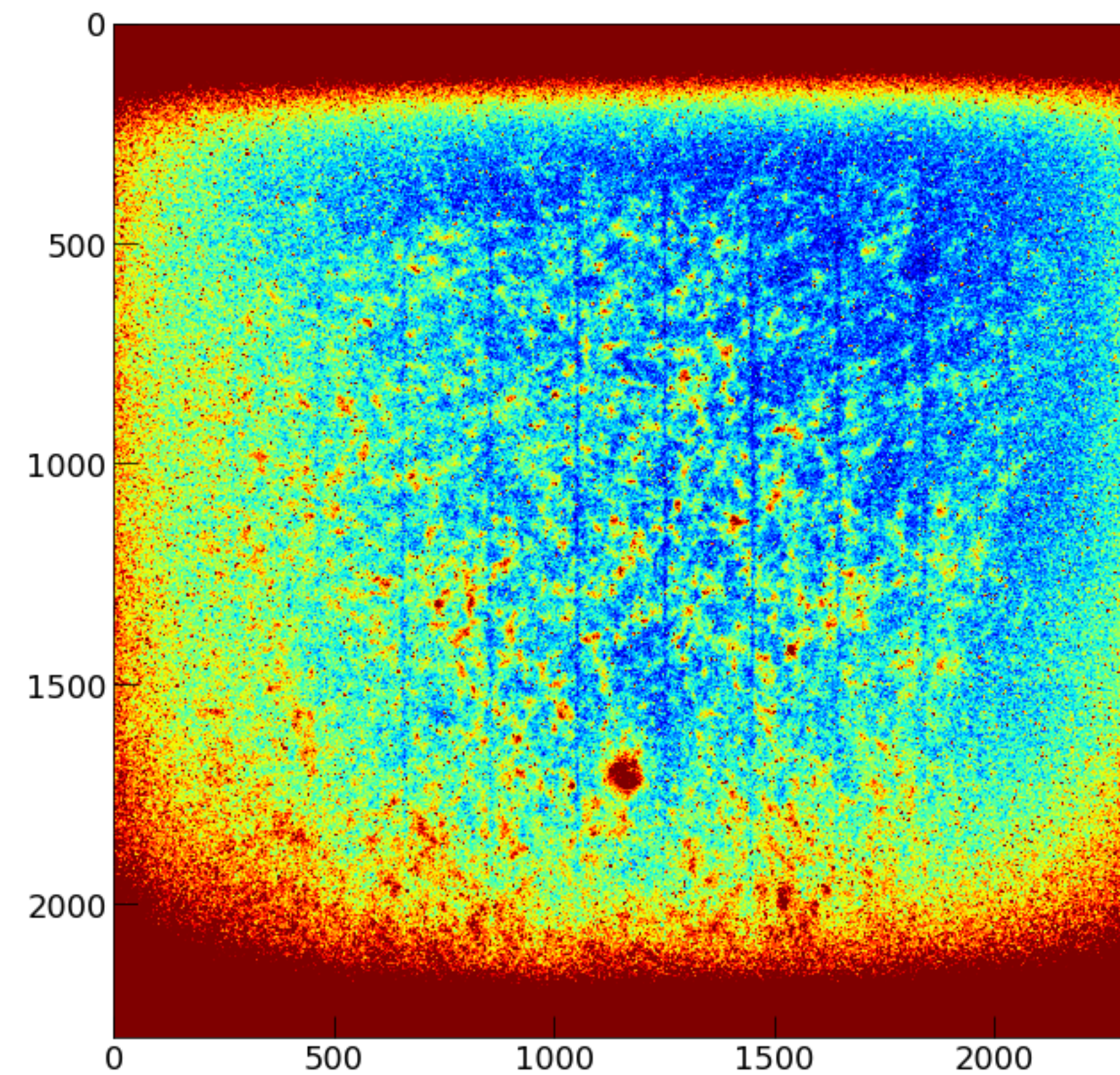
LIME Cathode only!



0 kV

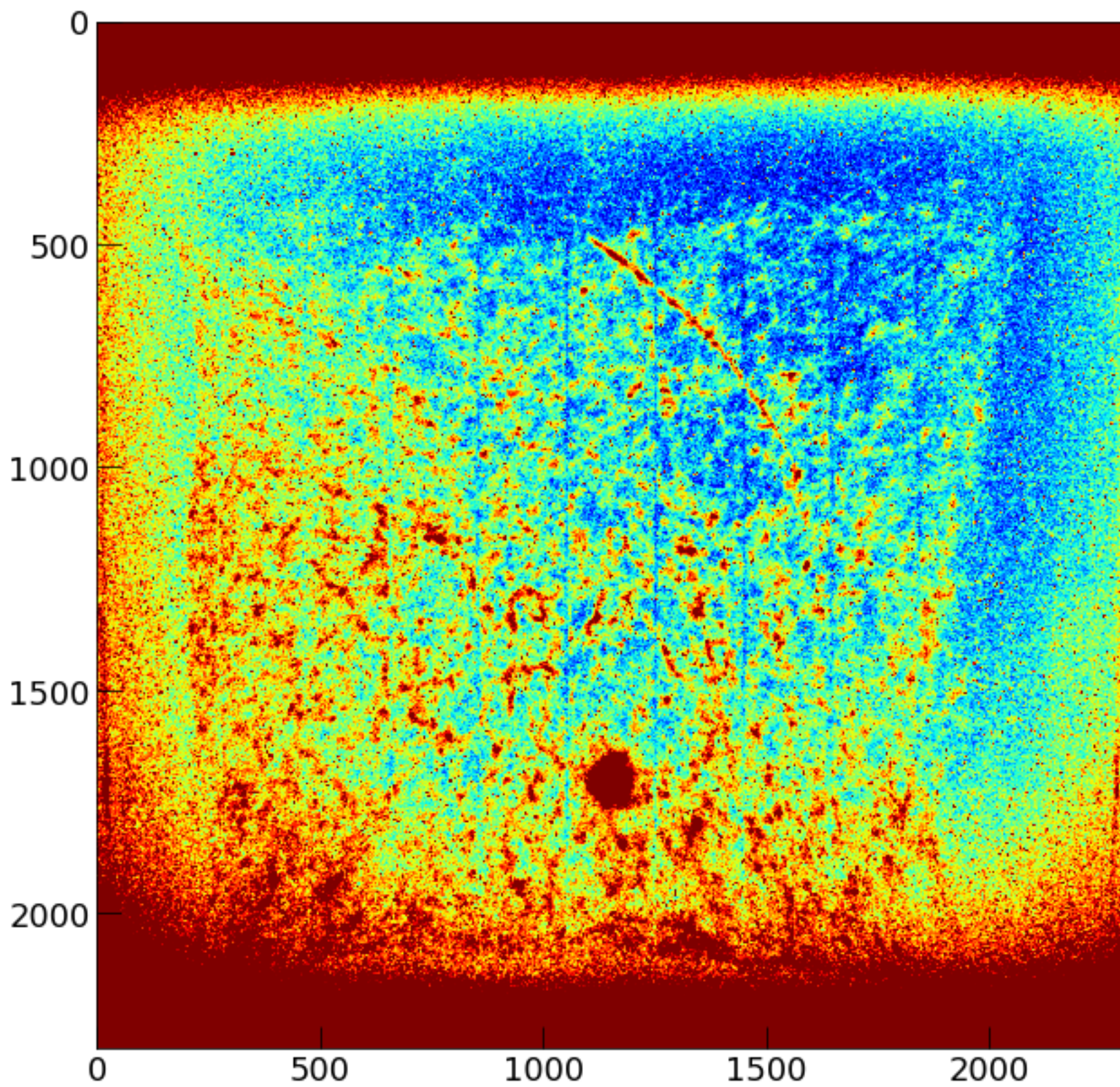


10 kV

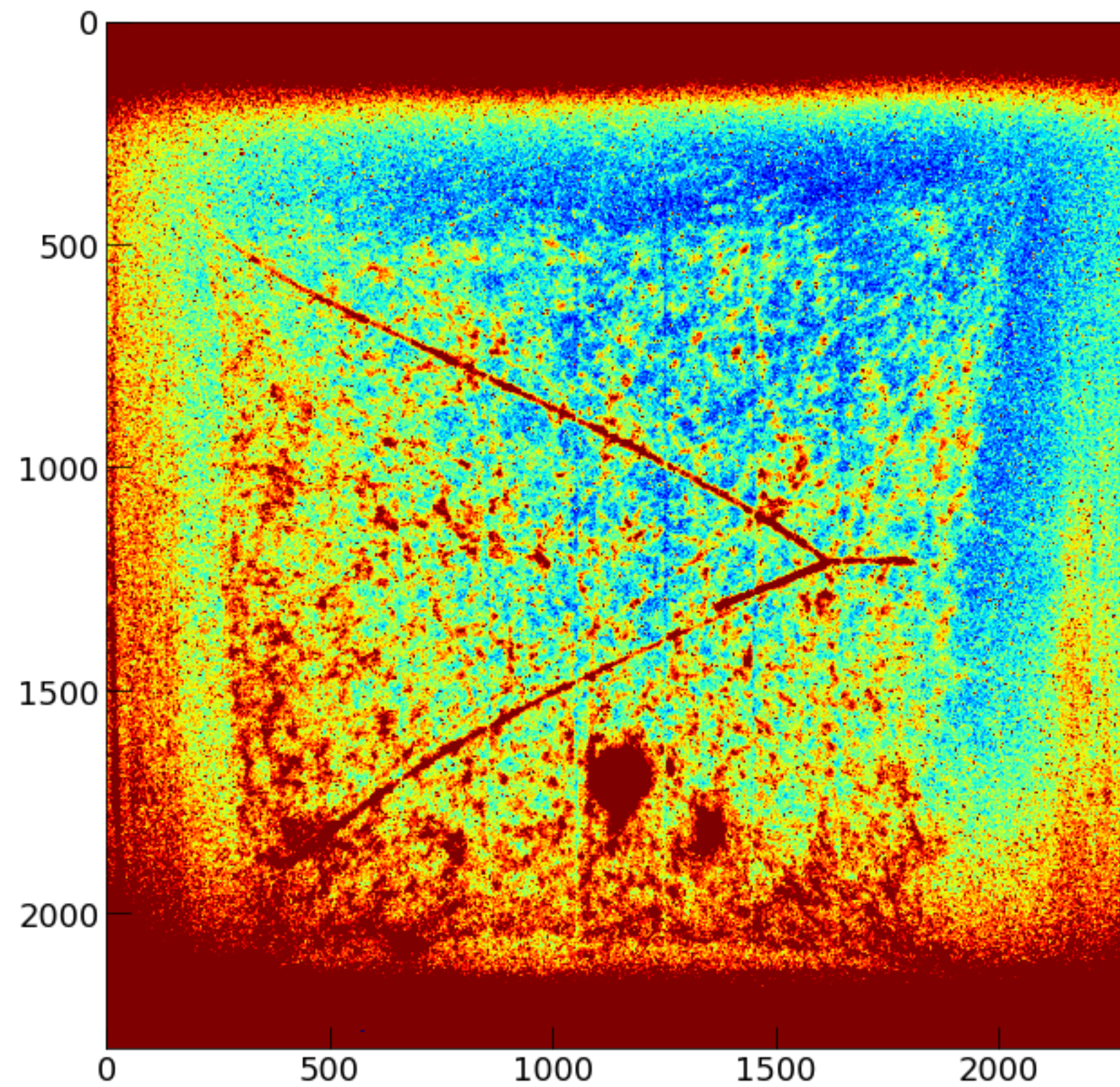


20 kV

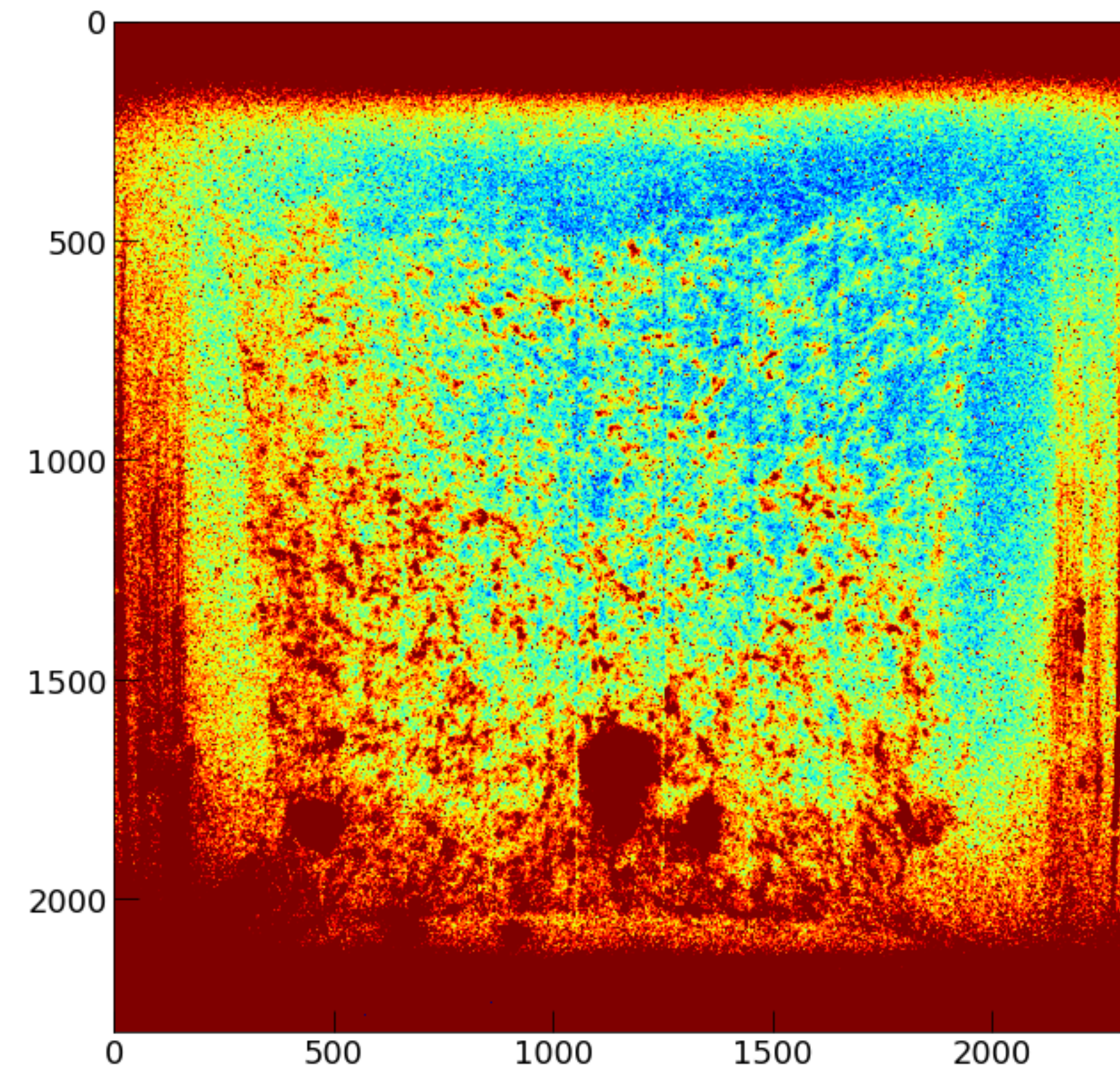
LIME Cathode only!



30 kV



40 kV



50 kV

to do list

- box KFC with source window
- box KFC with no wall
- MANGO² * 2 (Brasil + test luminescence long drift)
- LEMON box (painting for design)
- LEMON mash (done) LEMON mash with Cu wire
- Frame LIME chatode
- Frame LIME lomba/mash/kentaro
- low and high conductivity transparent sheet search (on going).
- trolley (done) and Faraday cage per LIME 2
- PMT (on going)

