

Status of 5x5 HPK sensor measurement

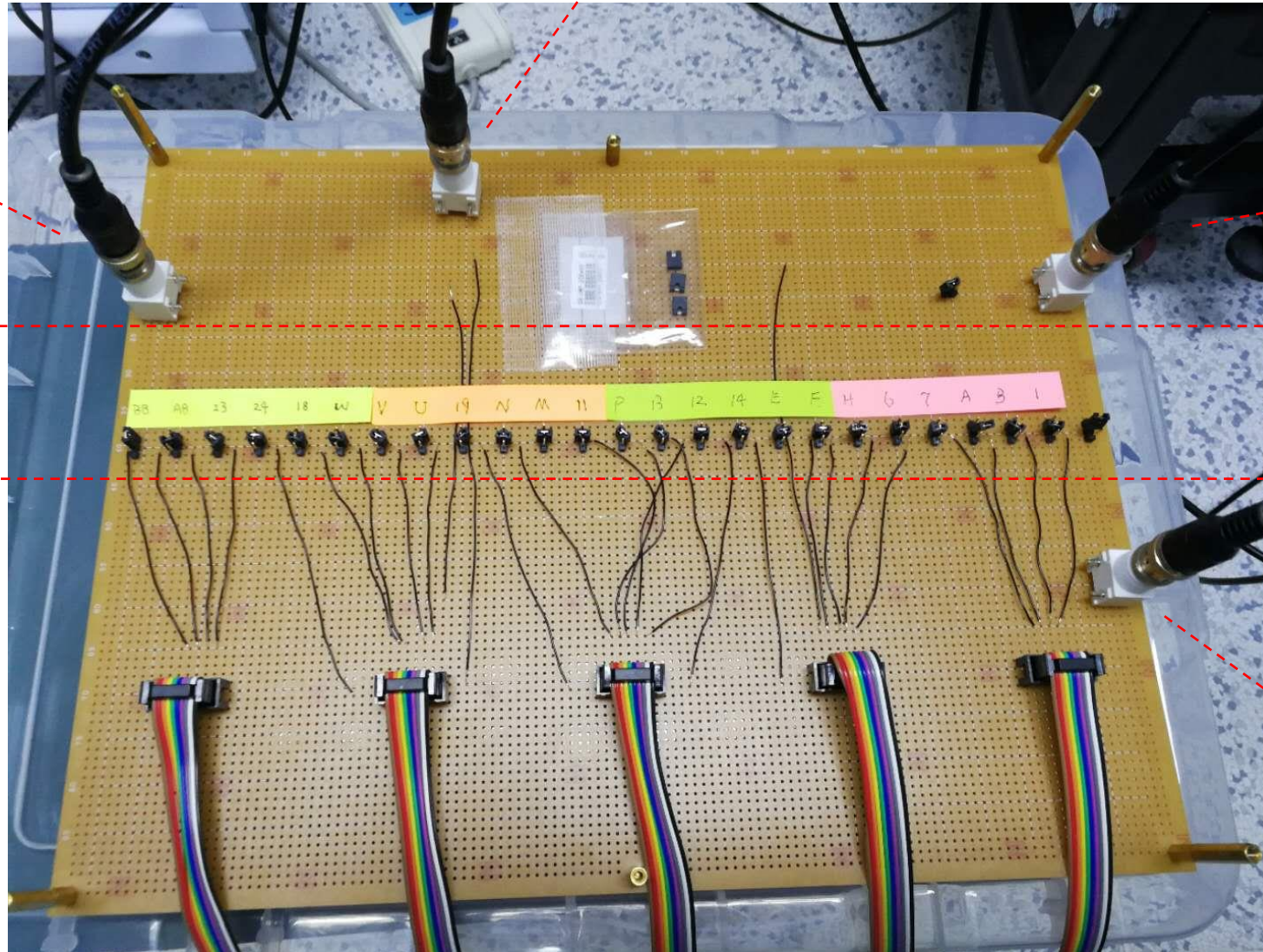
Switching channels -- Manually change jumper pin

To Current
Meter (2400)

"edge sensor"

Guard Ring
To GND(earth)

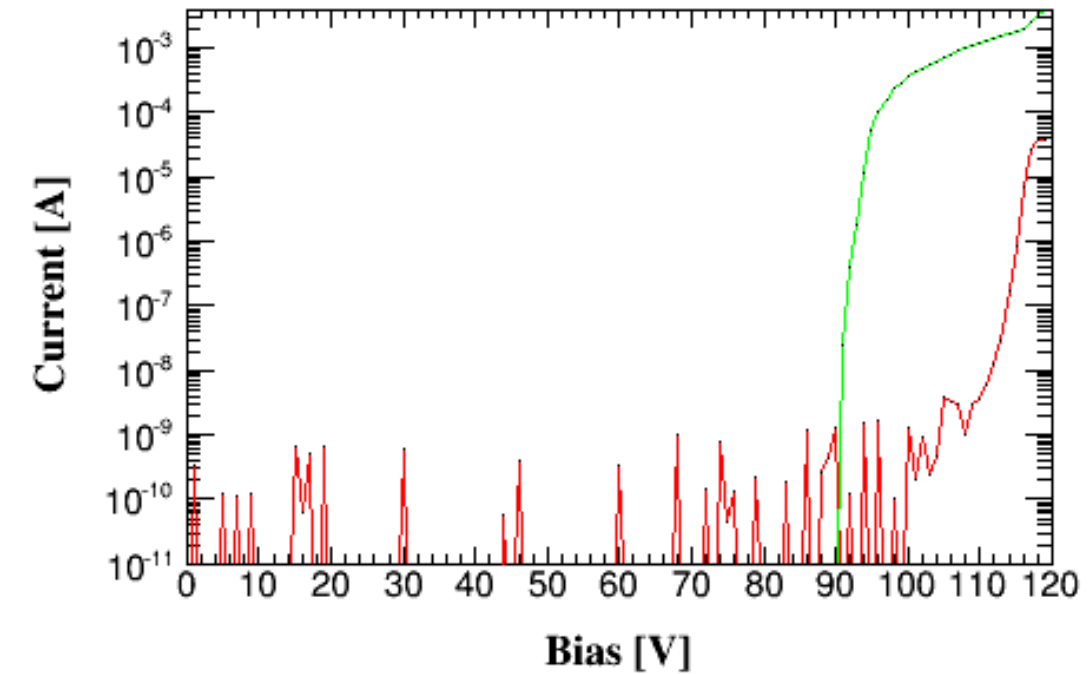
25 channels



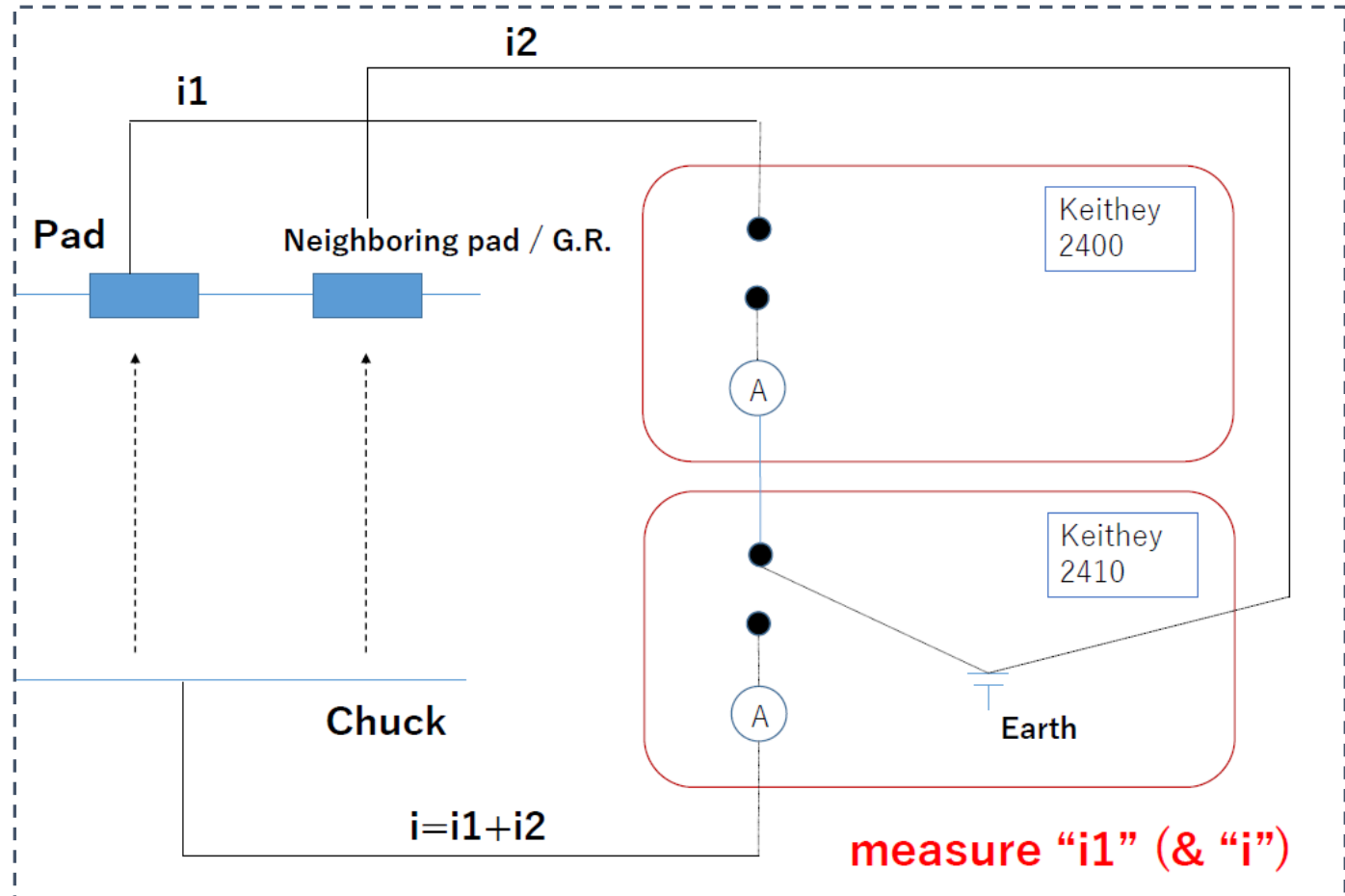
To GND(earth)

Combine Keithley 2410 & 2400

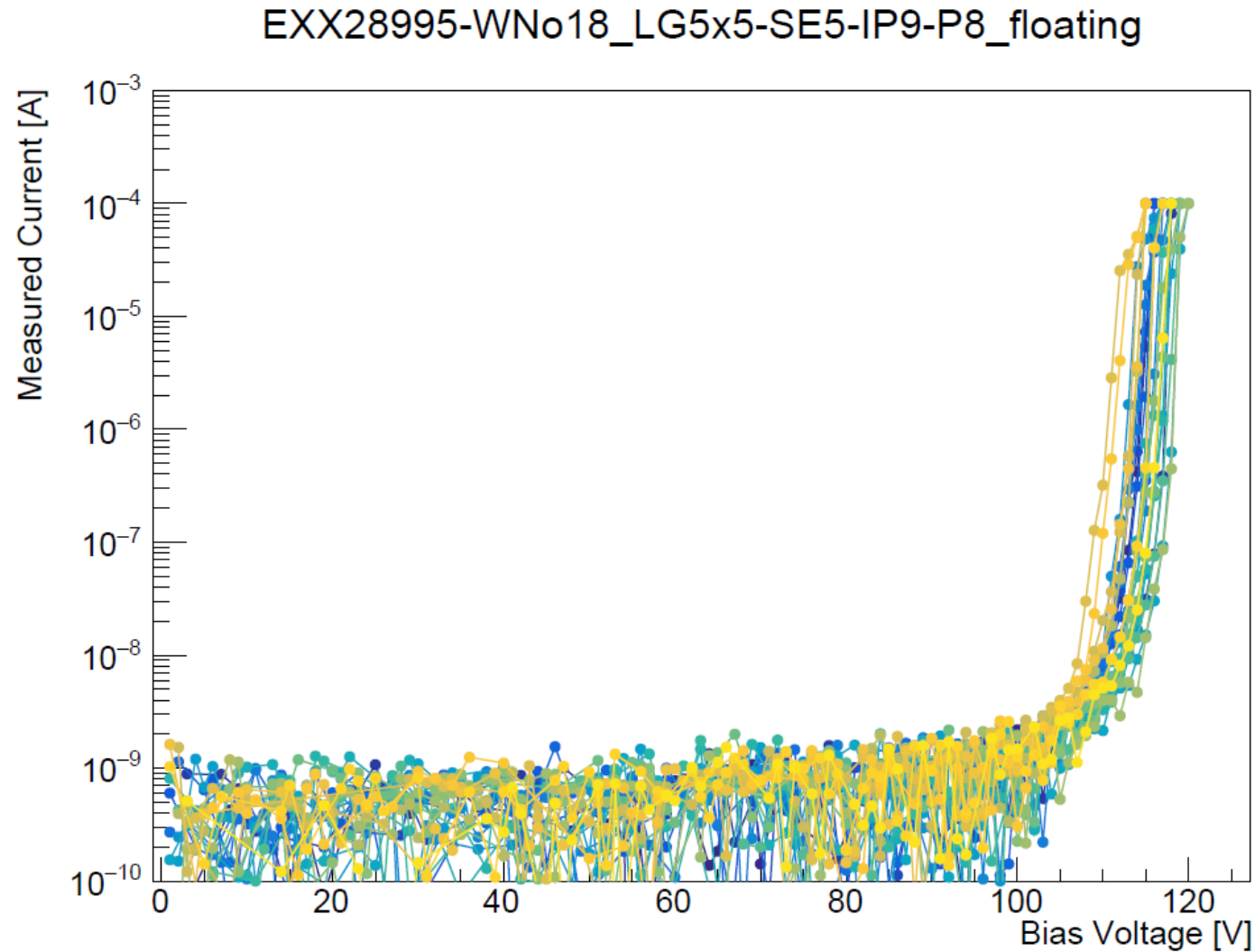
Setup



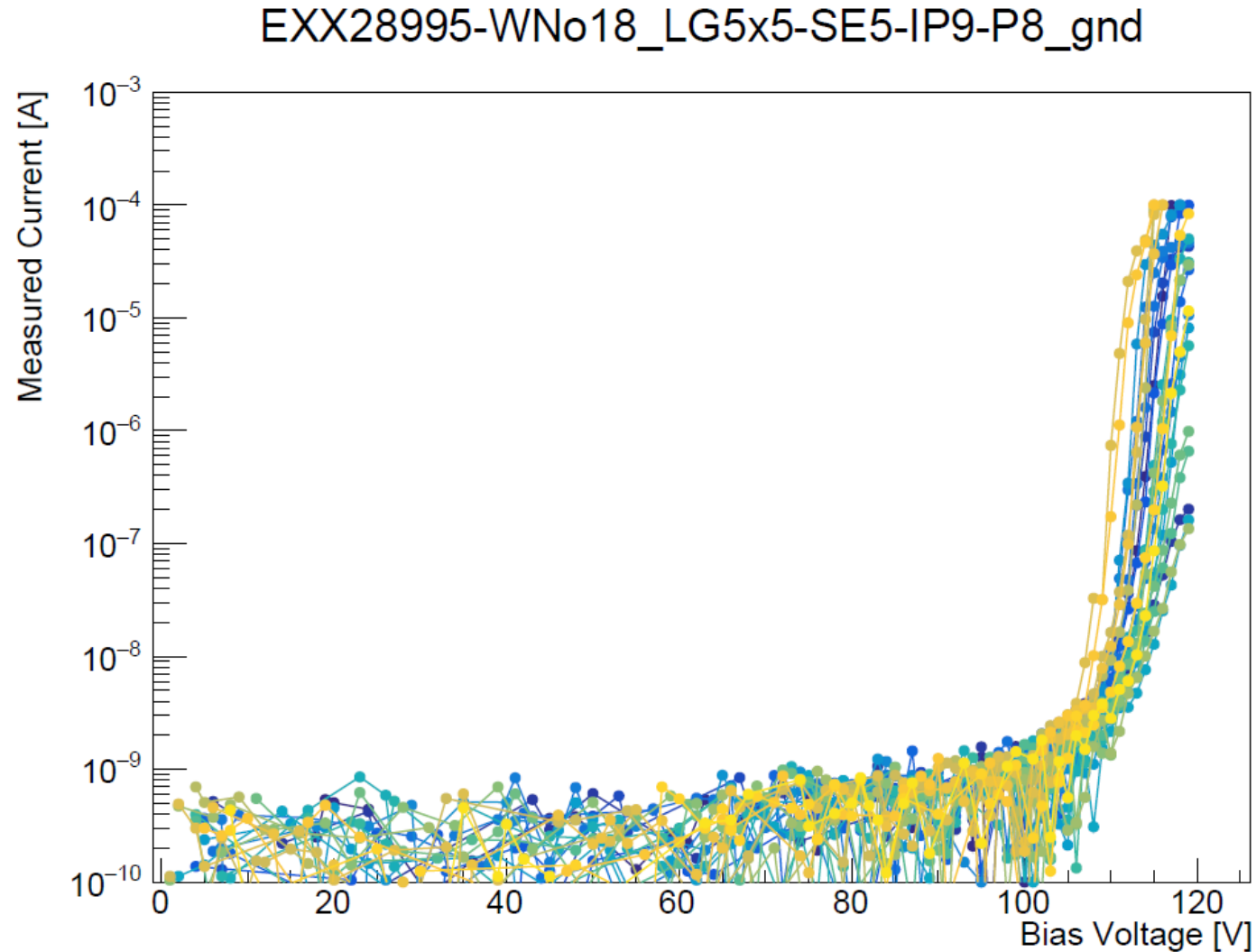
Green : Current at Keithley 2410
Red : Current at Keithley 2400



I-V curves : other pads (& G.R.) floating



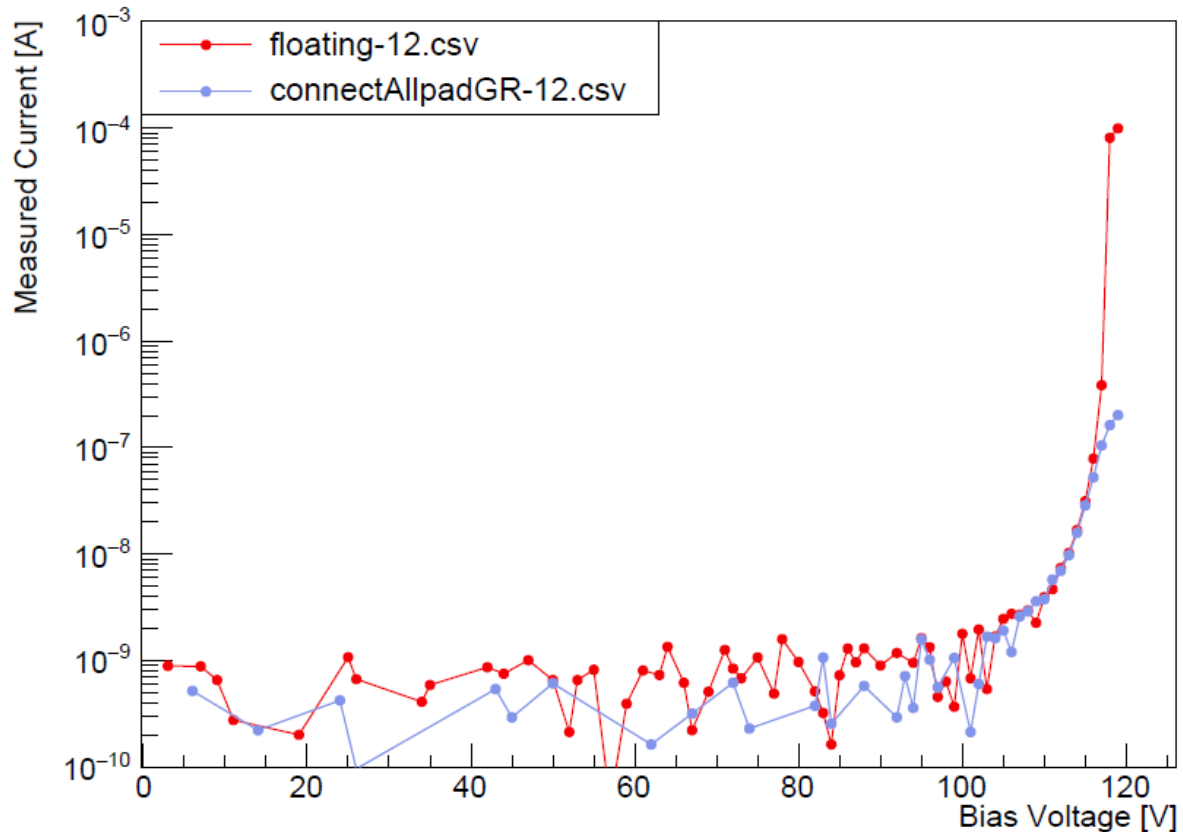
I-V curves : 24 pads+G.R. connected to GND



Current level at lower bias voltage is lower than that with floating condition

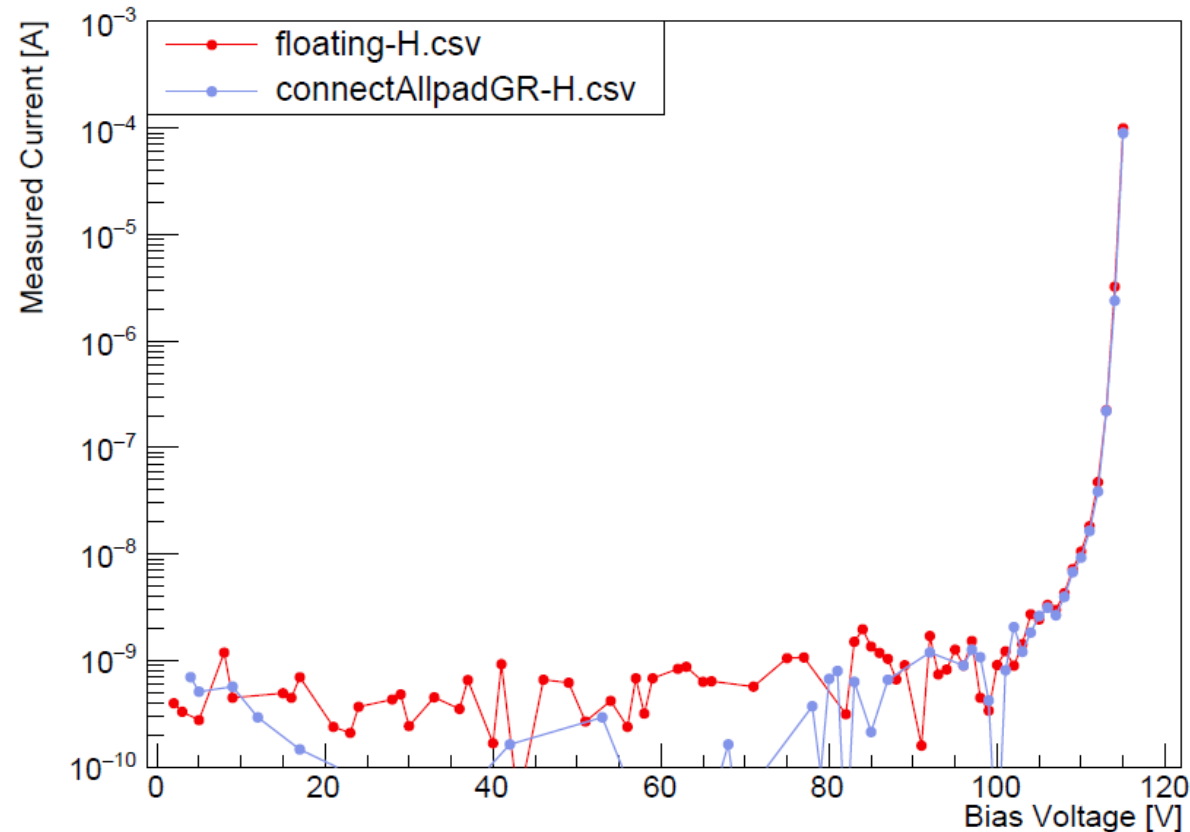
Comparison of current : floating vs grounding

EXX28995-WNo18_LG5x5-SE5-IP9-P8_12



very central pixel

EXX28995-WNo18_LG5x5-SE5-IP9-P8_H



corner pixel

For Wo.18, it seems there was not big difference in VBD.

Next

- Scan the other wafer, especially, Wo.8

