

Problem with KB0090

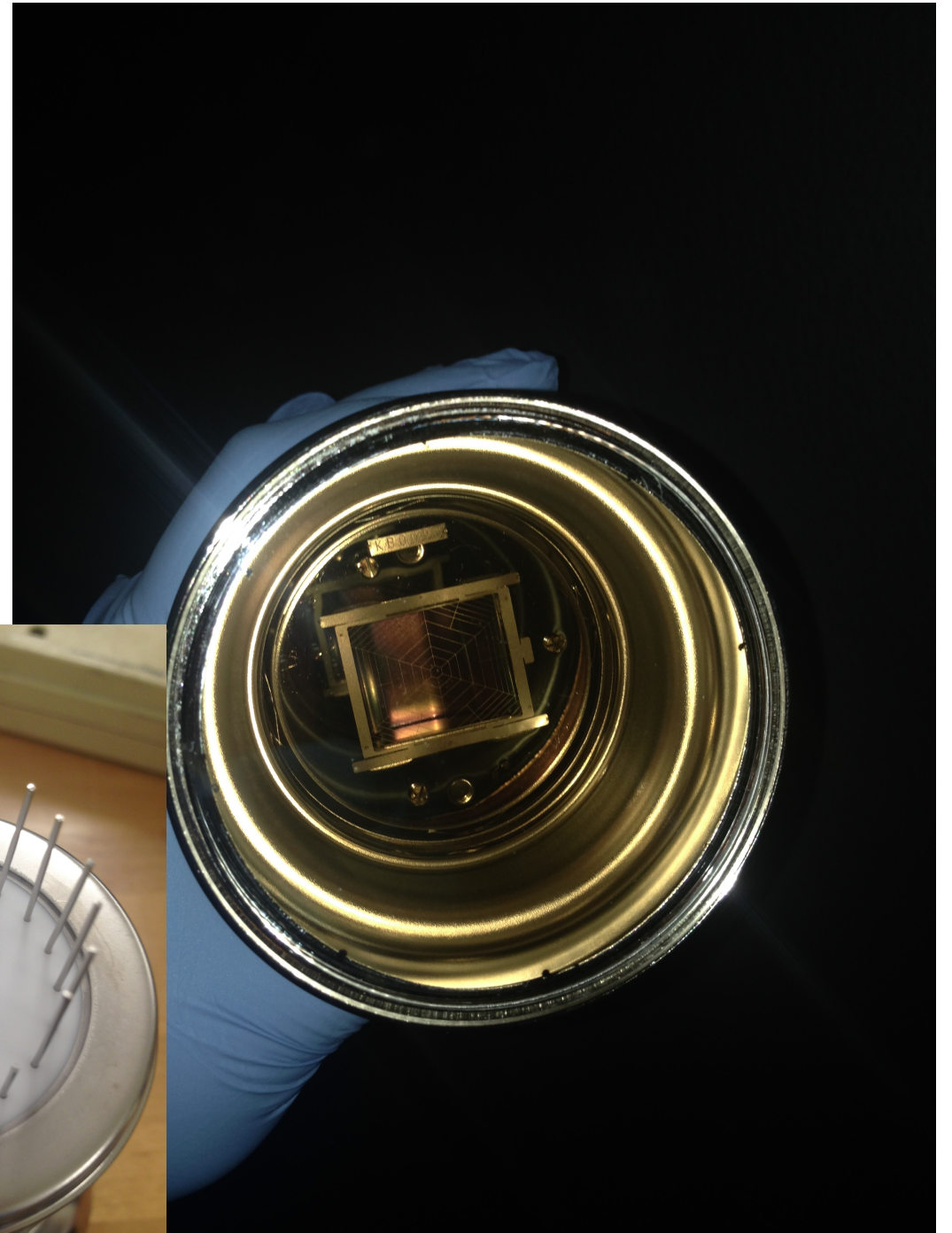
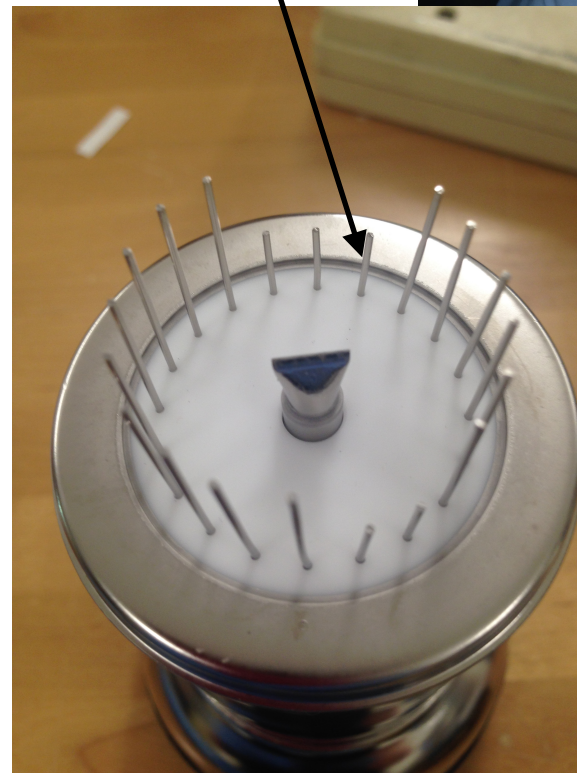
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Everything looks ok

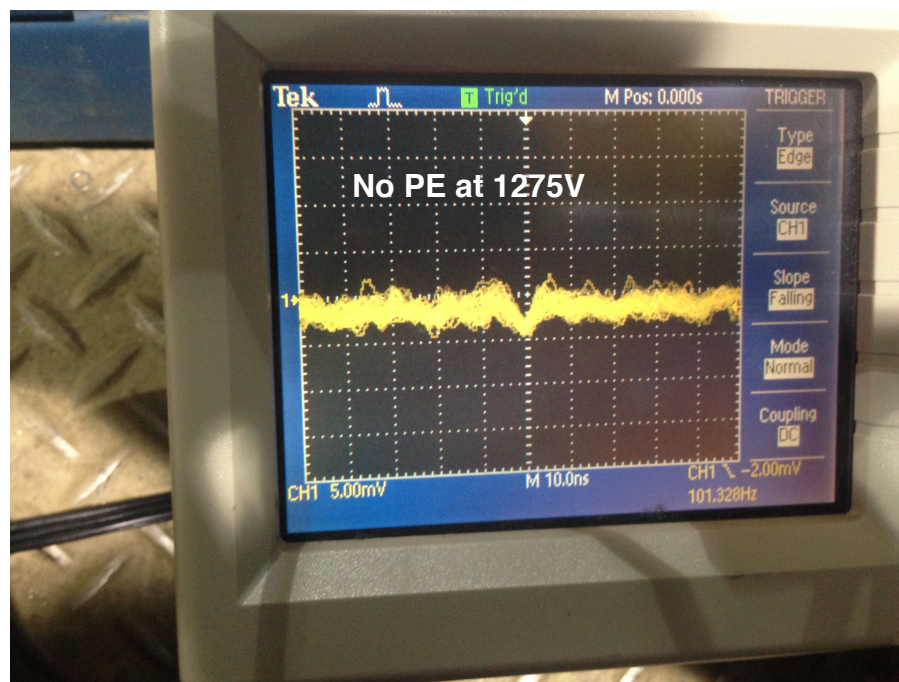
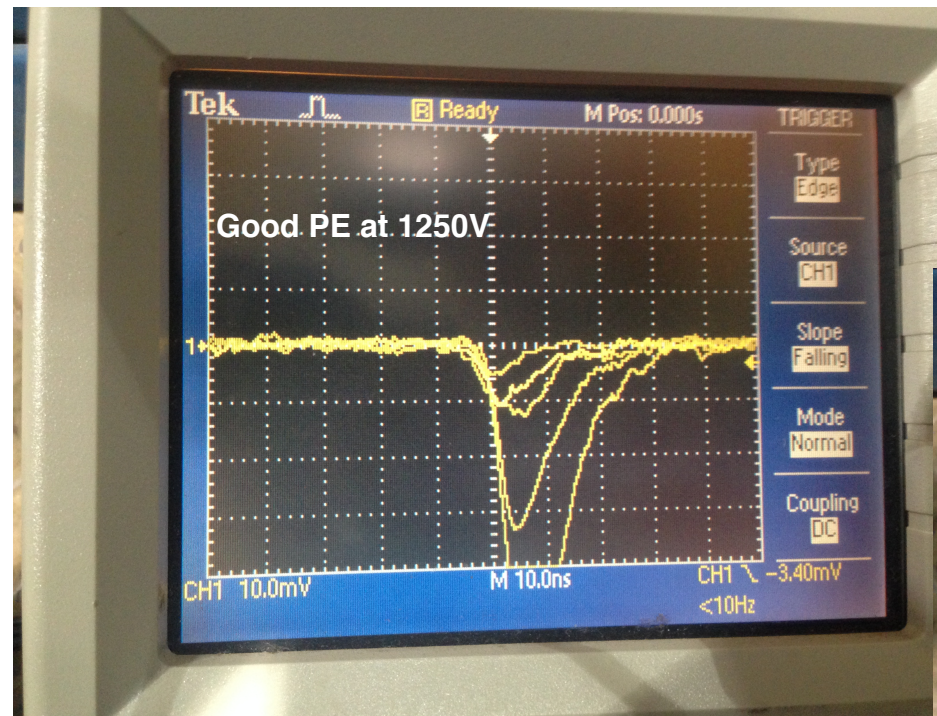
- PMT looks fine on inspection

Pin later cut down
to 6mm and
shielded

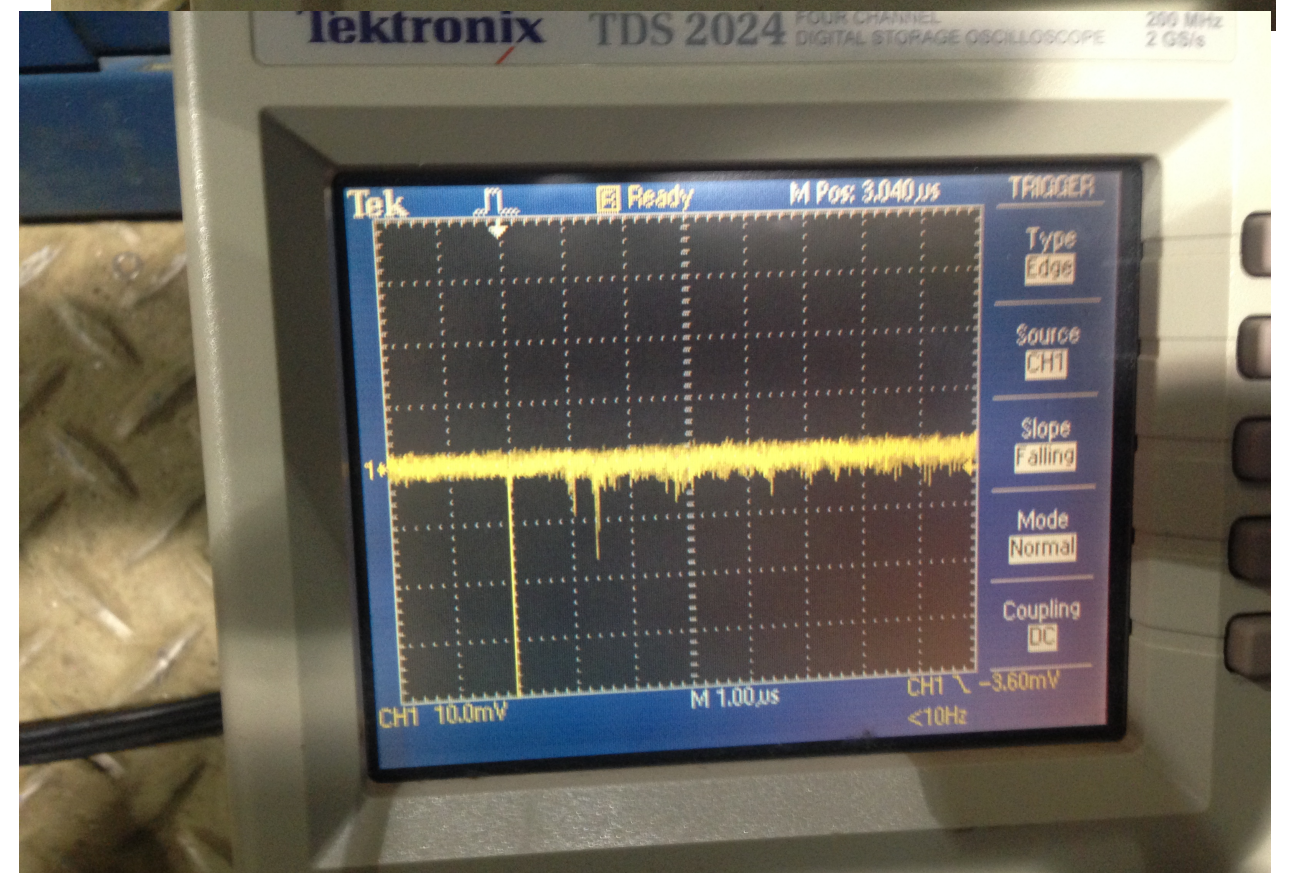
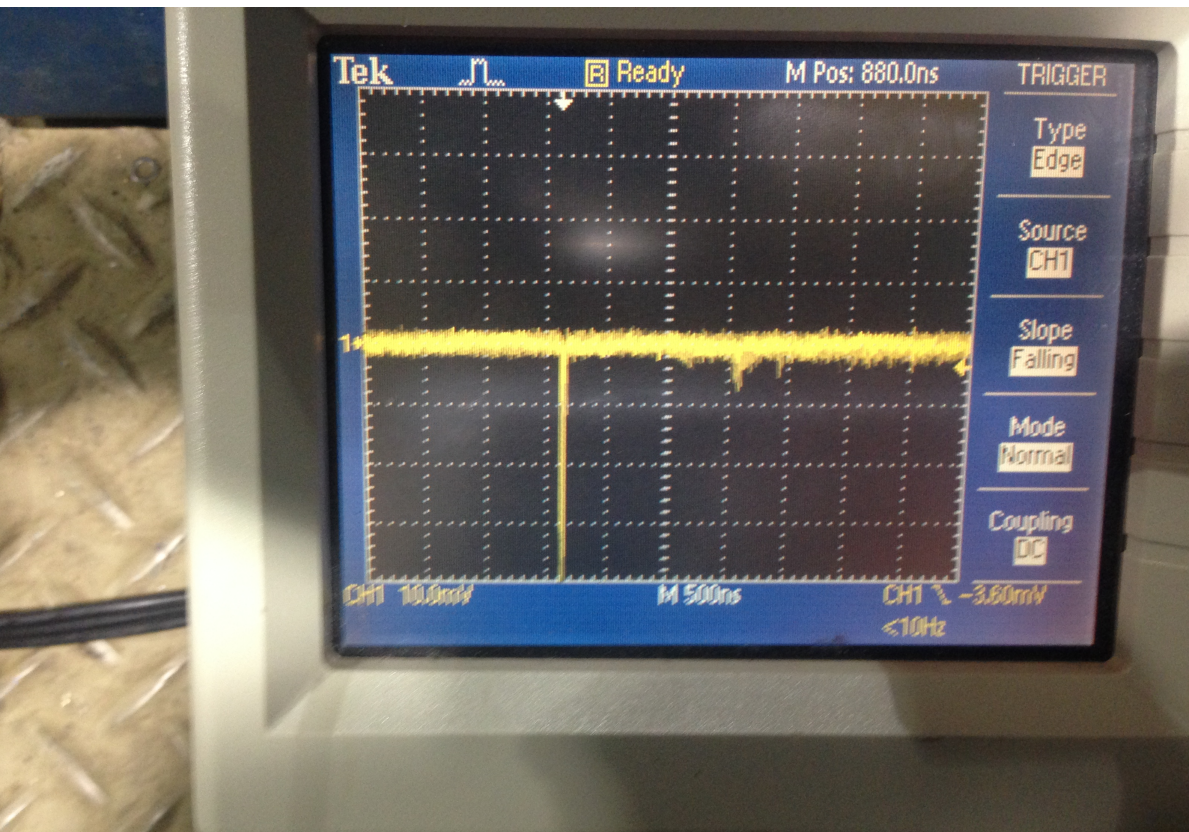
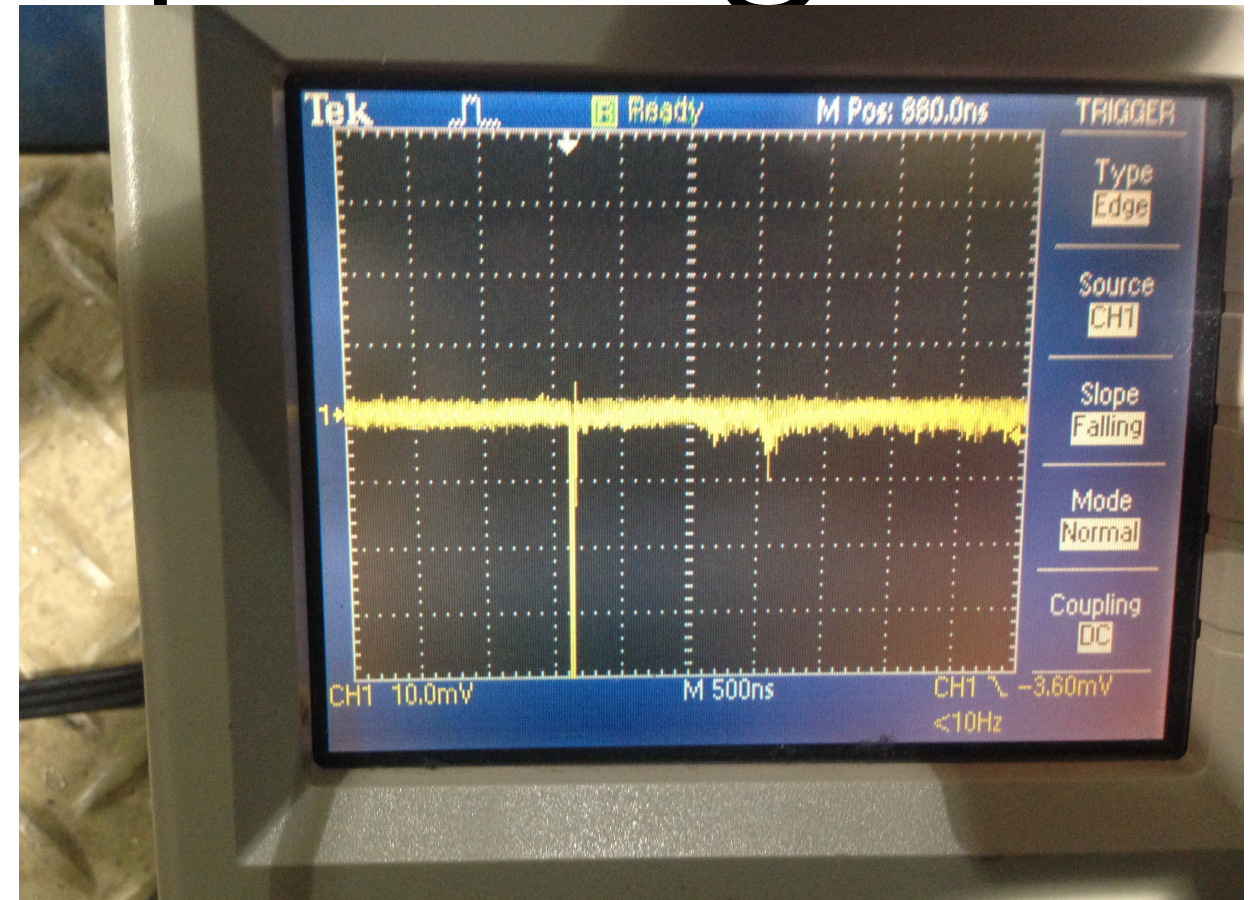
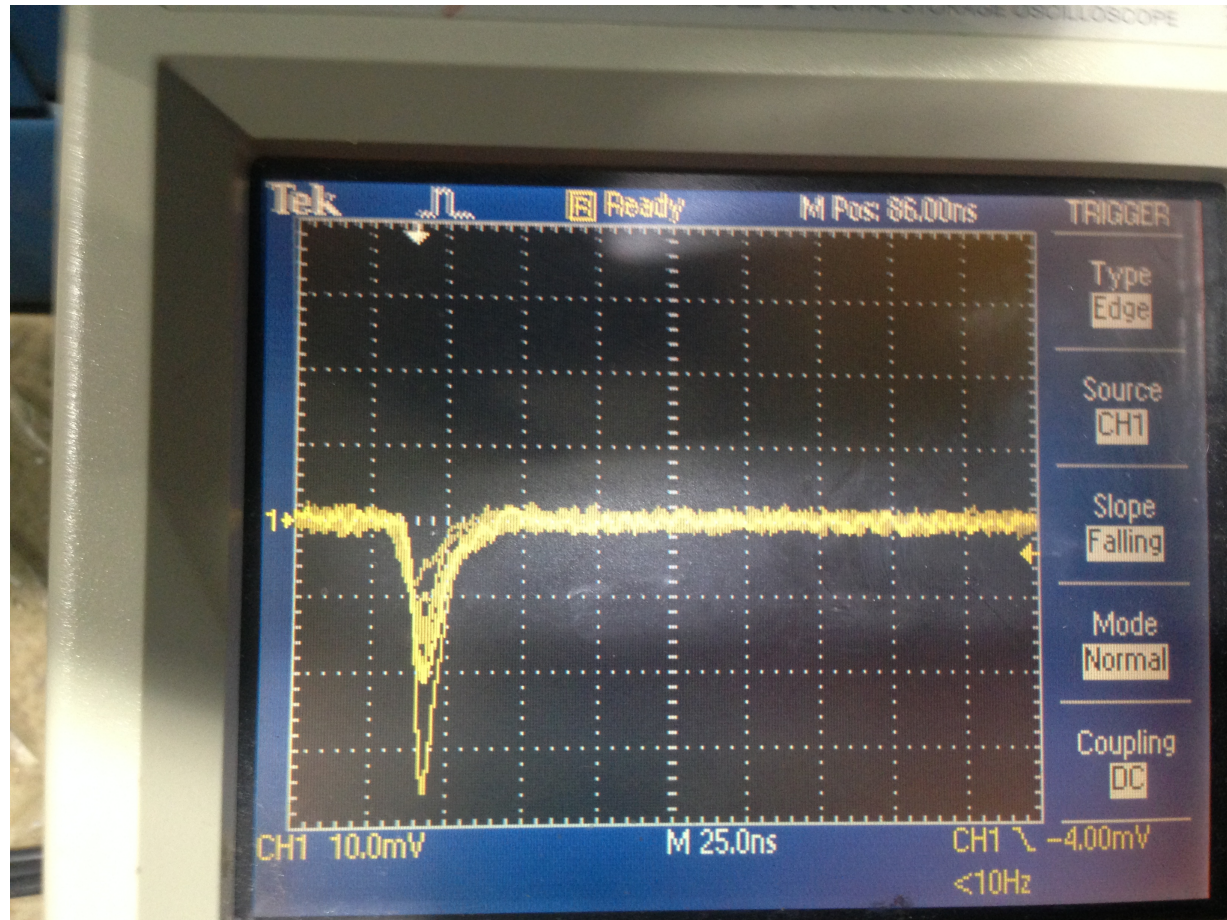


Ramp Up: Stops working

- See some PE ~ -1000 V, better at -1200 to -1260
- Very little after pulsing
- Current draw from supply matches Ohms law for 92.4 M Ω base: ~ 13 μ A at -1250 V
- Abruptly at 1275 - 1285 (differs by 5 V in different ramp ups) current jumps to double, 26 μ A and stop seeing PE
- Must drop to <500 V for current draw to return to normal



More Afterpulsing



PMT tested at Brown

