Test of quabos at UCSD

1) Image mode, Stim

Set ACQ\_MODE to 02, STIM\_LEVEL to 32, STIM\_RATE=4, ACQ\_INT = 255.

Run sweepthresh\_quabo\_v01.py in one window, getsweep\_data\_quabo\_03.py in another. Sweep from 180 to 350, step 1, look at quabo\_sweep.csv.

2) PH mode, Stim

Set ACQ\_MODE to 01, STIM\_LEVEL to 32, STIM\_RATE=2, ACQ\_INT = 255.

Do “B” Baseline subtract command.  
Run store\_sci\_data\_quabo\_05.py for a 100 events, look at quabo\_sci\_log.csv (these are in order of chip/channel number: U1ch0, U1,ch1….. U3,ch63).

3) Image mode, flashes

Set up DG535: AB output = 2.4v ampl, 0v offset, HiZ. B delay = A + 16ns, rate = 50kHz

Set ACQ\_MODE to 02, STIMON = 0, ACQINT = 255 (2.56ms per frame)

All DAC1s to 220. Quabo in box, HV ON, all HV = 48435

Check PanoTV- About 100cps/pixel? Pulser off, goes to about 0? Adjust pulser amplitude or DAC1 if necessary

Run sweepthresh\_quabo\_v01.py in one window, getsweep\_data\_quabo\_03.py in another. Sweep from 180 to 350, step 1, look at quabo\_sweep.csv.

4) PH mode, flashes

Set ACQ\_MODE to 01, STIMON = 0, All DAC1s to 220.

Do “B” Baseline subtract command.  
Check PanoTV

Run store\_sci\_data\_quabo\_05.py for a 100 events, look at quabo\_sci\_log.csv (these are in order of chip/channel number: U1ch0, U1,ch1….. U3,ch63).