

SVT Status Update

DAQ running since mid last week

- Spent time (re-)learning basic setup and minor issues
- Currently top half connected

Power (use serial connection is easy: but requires remembering the PS connection scheme)

- All 10 hybrids drawing expected LV currents
- All 10 hybrids biased ok as well

DAQ

- Using the COB with 3 data DPM's and 1 trigger DPM => can only connect to $3*3=9$ hybrid at the same time
- Ran multiple CODA runs with 9 hybrids (w/ & w/o: FIR filter, thresholds, bias)
- Issues with reading files – no pretty plots

Default config = “out of the box”

Hybrid ID	DAQ Hybrid	Baseline data ok?	Comment
	F4_H0	Y	Noise~85ADC?
	F4_H1	Y	Noise~70ADC
	F4_H2	Y	Noise ~85ADC except APV4 (edge with ch's= 511,639) has x2 noise, increasing towards edge
	F5_H0	Y	Noise ~65ADC, few channels w/ 1/2 noise (around 180,210,220)
	F5_H1	N	No data from any APV? But APV's are in sync.
	F5_H2	Y	Noise ~80ADC
	F6_H0	Y	Noise ~80ADC
	F6_H1	Y	Noise ~85ADC
	F6_H2	N	Noise ~65ADC
10	-	-	Not connected

Time to start investigating for real!

<https://confluence.slac.stanford.edu/display/hpsg/SVT+DAQ+Test+Runs>