Hybrid 13t

Hybrid ID: 13t

All test data and results

http://www.slac.stanford.edu/~omoreno/hybrid_qa/hybrid_t13/run1/

http://slac.stanford.edu/~meeg/SVT_production/hybrid/13t

Test 1

Hybrid 13t, test 1

Parameter	Value
ICAL	
ISHA	
VFP	
VFS	
Temperature	

Test data: http://slac.stanford.edu/~meeg/SVT_production/hybrid/13t/1/data
Test results (images and numerical values): http://slac.stanford.edu/~meeg/SVT_production/hybrid/13t/1/plots

Baseline run

Pedestal and noise (black markers are for all samples together, colored markers are individual samples)

Sample-to-sample shift

Noise correlations

Physical channel ordering:

PDF:

- http://slac.stanford.edu/~meeg/SVT_production/hybrid/13t/1/plots/hybrid13t_pos_corr.pdf
- http://slac.stanford.edu/~meeg/SVT_production/hybrid/13t/1/plots/hybrid13t_neg_corr.pdf

Readout channel ordering:

PDF:

- http://slac.stanford.edu/~meeg/SVT_production/hybrid/13t/1/plots/hybrid13t_mux_pos_corr.pdf
- http://slac.stanford.edu/~meeg/SVT_production/hybrid/13t/1/plots/hybrid13t_mux_neg_corr.pdf

Timing calibration runs, aggregate shaping curve fits

Fit parameters (colors identify calibration groups)

Timing calibration runs, hit-by-hit fits

Linearity of fitted T0 (ideal CR-RC fit on left, spline fit on right)

Goodness of fit (ideal CR-RC fit on left, spline fit on right)

Time resolution at each calibration delay (ideal CR-RC fit - stars mark error reported by fitter, dots mark spread in distribution of fitted values)

Add test page

Add short test page