

Half-module 22

Half-module ID: 22

All test data and results

http://slac.stanford.edu/~meeg/SVT_production/half_module/22

[Test 1](#)

[Test 2](#)

[Test 3](#)

[Test 4](#)

[Test 5](#)

[Test 6](#)

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[Test 8](#)

Half-module 22, test 8

Parameter	Value
ICAL	
ISHA	
VFP	
VFS	
Temperature	

Test data: http://slac.stanford.edu/~meeg/SVT_production/half_module/22/8/data
Test results (images and numerical values): http://slac.stanford.edu/~meeg/SVT_production/half_module/22/8/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/half_module/22/8/plots/hmodule22_pos_corr.pdf
- http://slac.stanford.edu/~meeg/SVT_production/half_module/22/8/plots/hmodule22_neg_corr.pdf

Readout channel ordering:

PDF:

- http://slac.stanford.edu/~meeg/SVT_production/half_module/22/8/plots/hmodule22_mux_pos_corr.pdf
- http://slac.stanford.edu/~meeg/SVT_production/half_module/22/8/plots/hmodule22_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)

Time resolution at each calibration delay (spline fit - dots mark spread in distribution of fitted values, ignore stars as this fitter does not report fit errors)

Test 9

Add test page ➞

Add short test page ➞