

/home/lab2/tj-monopix2-daq/tjmonopix2/scans/output_data/module_0/chip_0/
20221011_132146_source_scan_interpreted.h5

Chip = W14R12

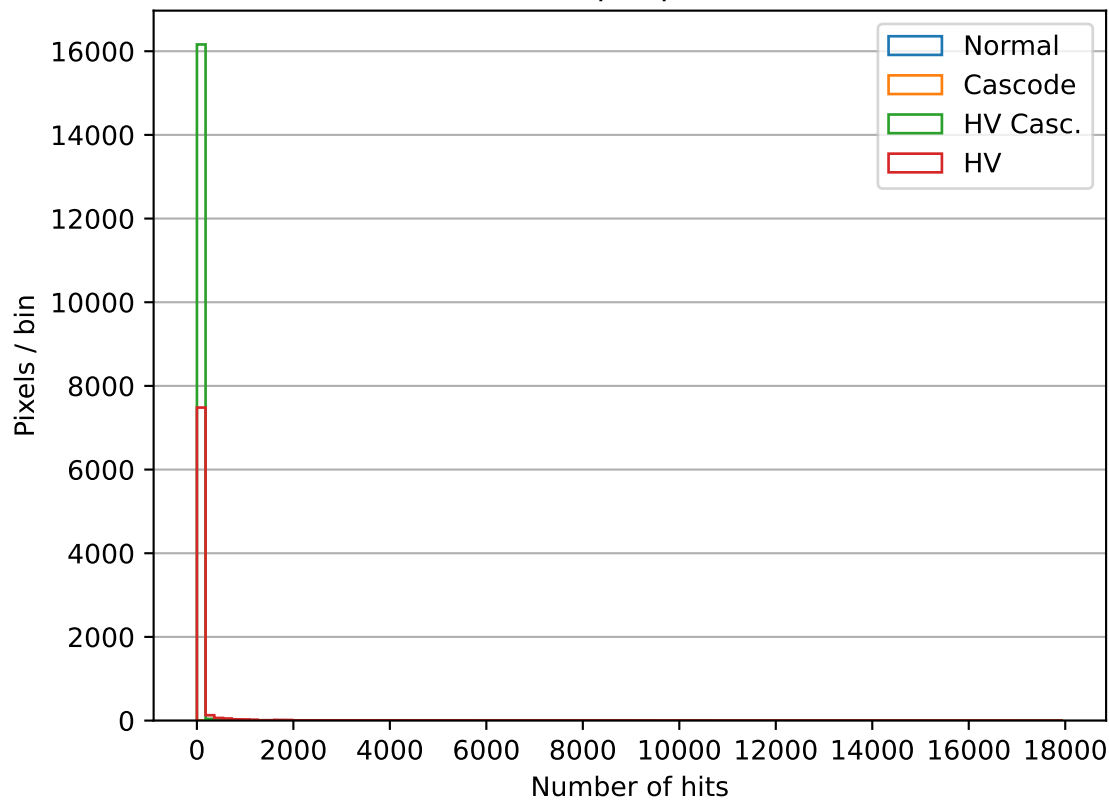
Script version = 2da00e2

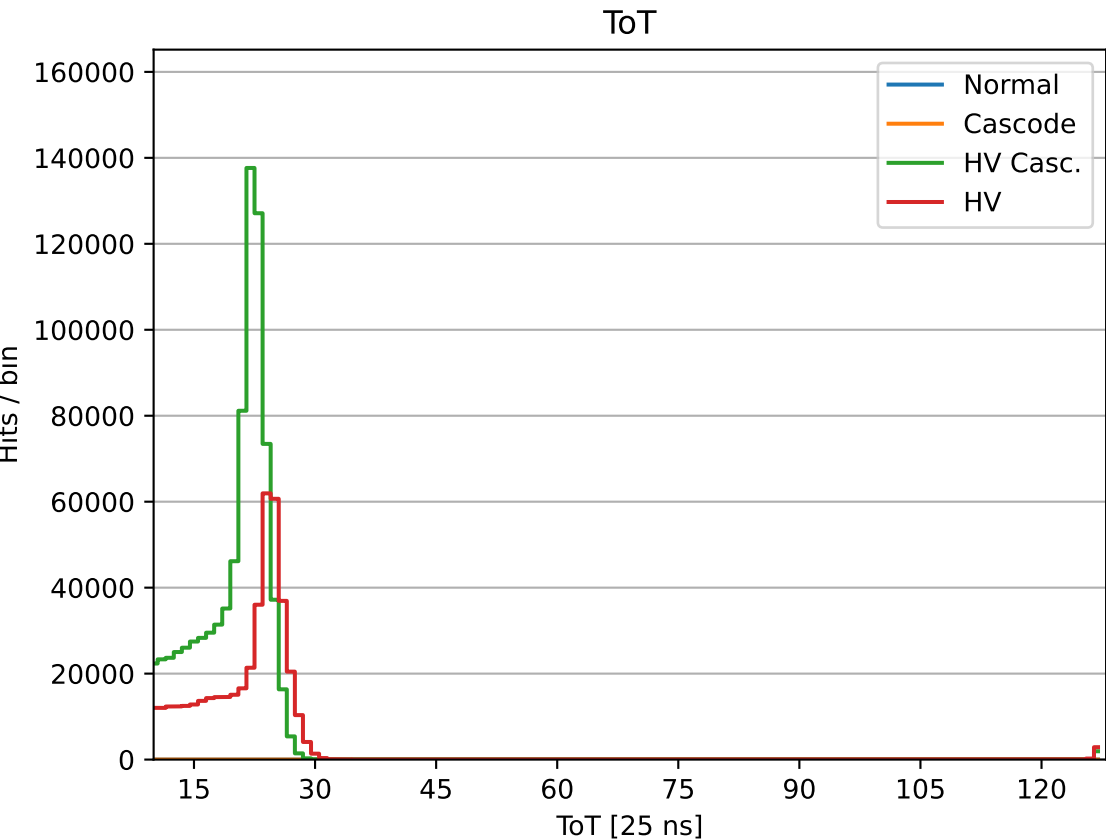
IBIAS = 60, ITHR = 30, ICASN = 8, IDB = 100, ITUNE = 53, VRESET = 100, VCASP =
40, VCASC = 228, VCLIP = 255, VL = 64, VH = 115, ICOMP = 80, IDEL = 88, IRAM =
50

source_scan

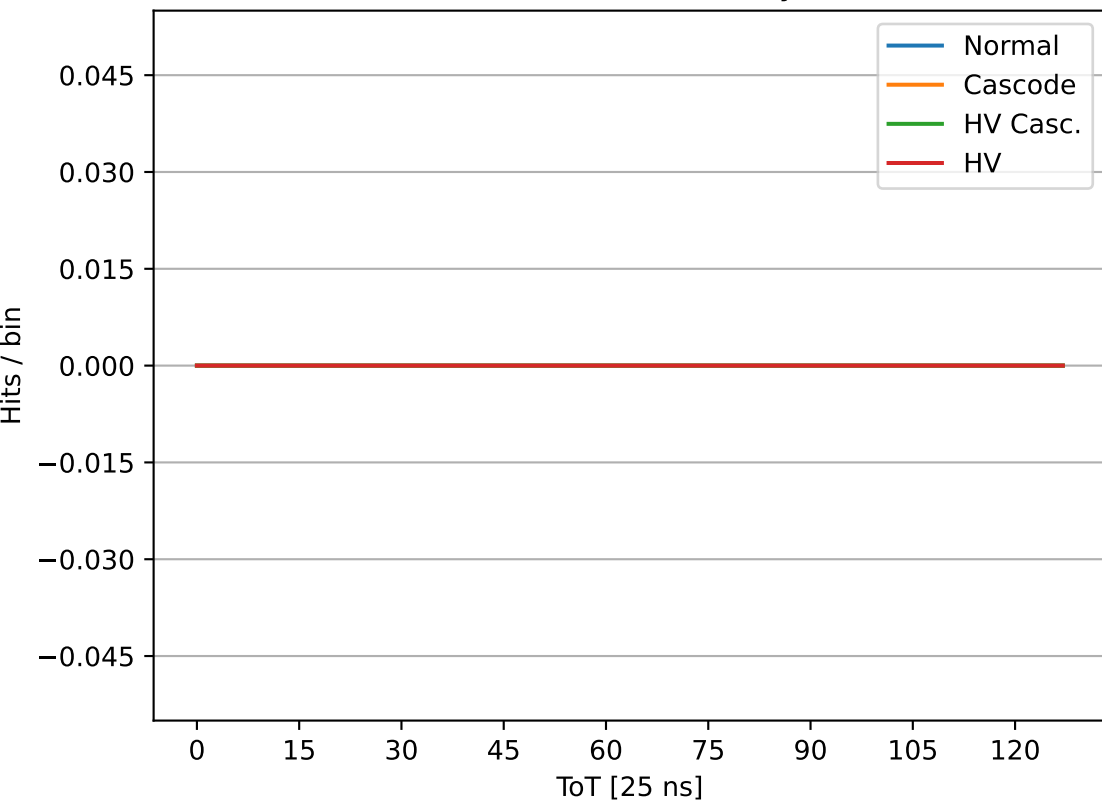
start_column = 448, stop_column = 512, start_row = 0, stop_row = 512, scan_time
= 600

Hits per pixel





ToT (isolated hits only)

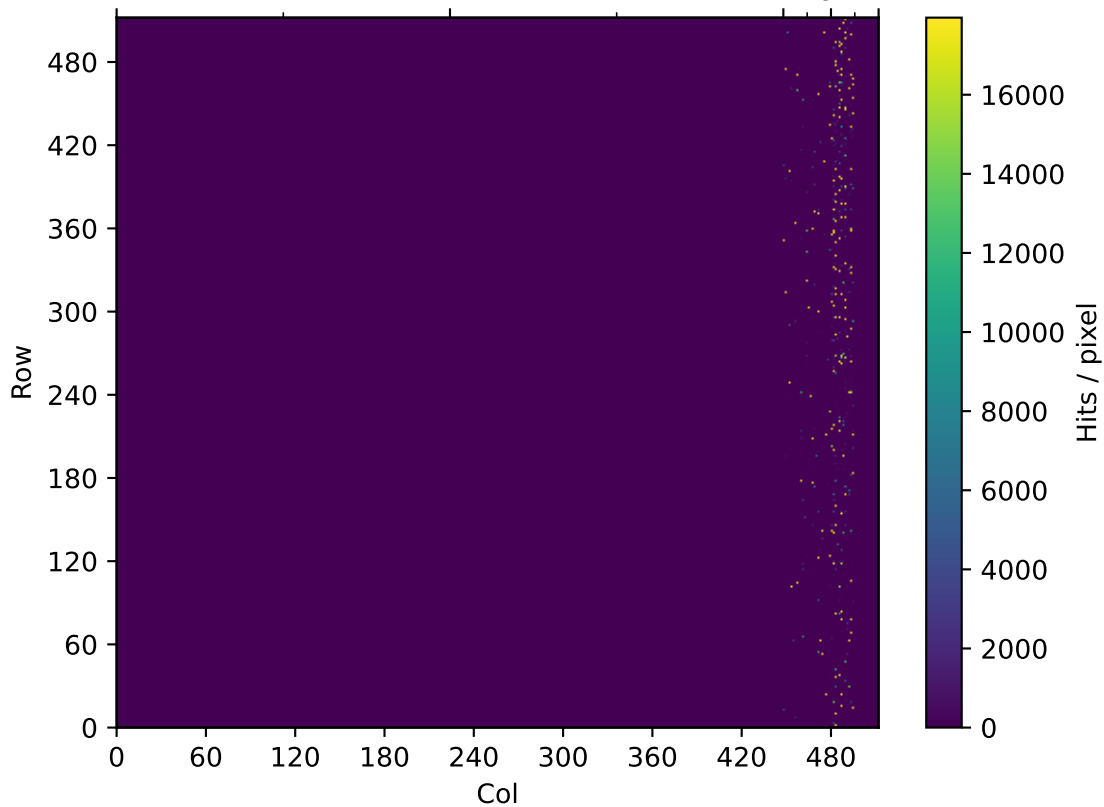


Hit map

Normal

Cascode

HV_CHV

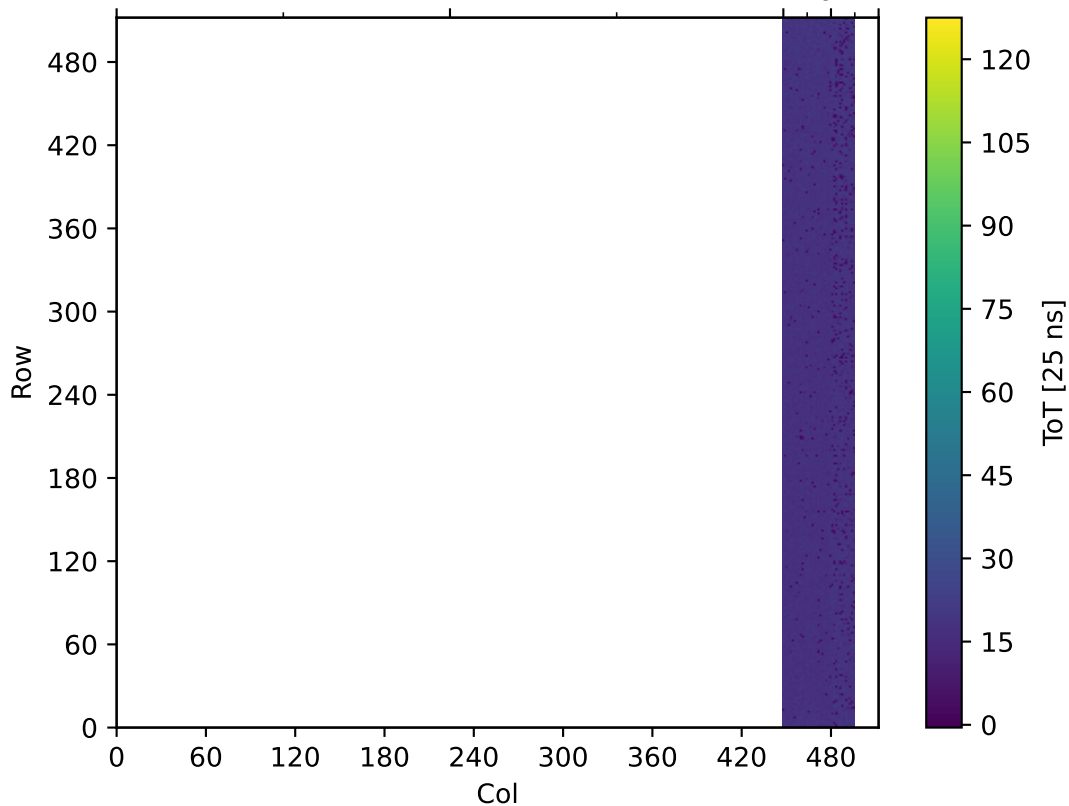


Average ToT map

Normal

Cascode

HV_CHV



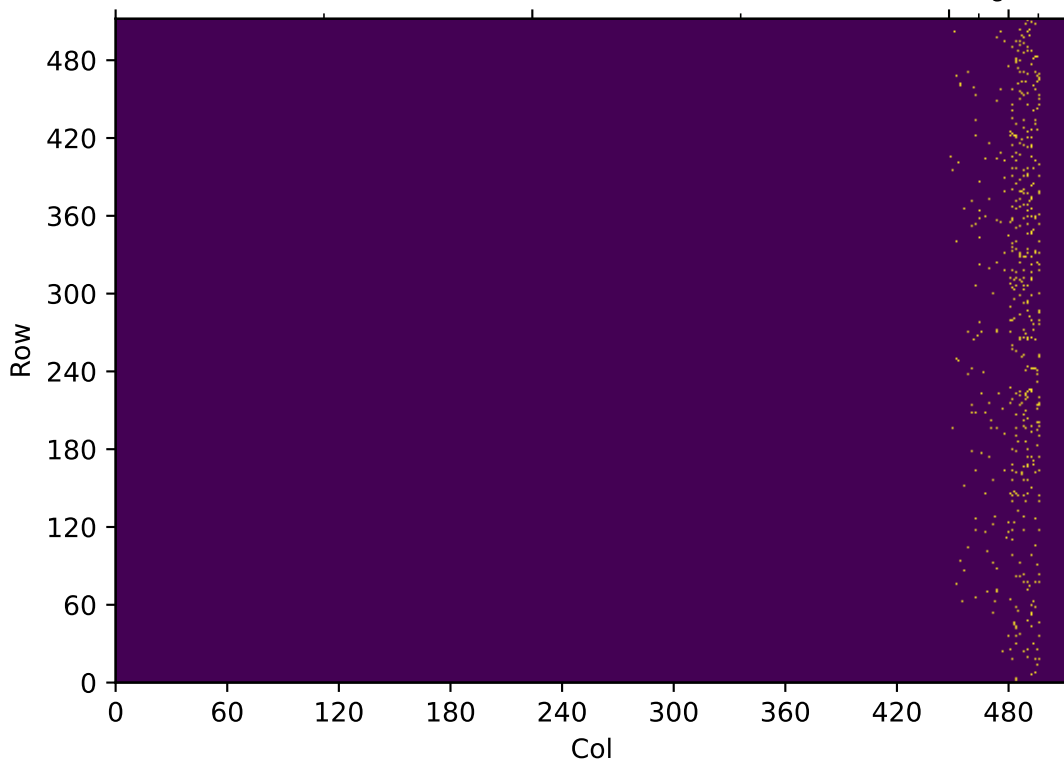
Noisy pixels in yellow (ignore this plot if source was used)

Noisy means rate > 1 Hz

Normal

Cascode

HV_C HV



(494, 442) = 1.56e+04
 (474, 53) = 1.55e+04, (487, 395) = 1.46e+04, (485, 491) = 1.27e+04,
 (483, 340) = 1.2e+04
 (476, 211) = 1.16e+04, (487, 16) = 9.14e+03, (473, 497) = 8.22e+03,
 (448, 351) = 8.09e+03
 (494, 482) = 8.07e+03, (487, 452) = 7.69e+03, (469, 372) = 6.08e+03,
 (483, 2) = 5.93e+03
 (449, 474) = 5.81e+03, (483, 477) = 5.41e+03, (468, 101) = 5.32e+03,
 (489, 510) = 5.26e+03
 (481, 394) = 5.02e+03, (456, 363) = 4.73e+03, (481, 257) = 4.11e+03,
 (484, 461) = 3.77e+03
 (495, 318) = 3.72e+03, (483, 402) = 3.27e+03, (481, 118) = 3.22e+03,
 (451, 76) = 3.08e+03
 (491, 342) = 2.46e+03, (495, 466) = 2.46e+03, (493, 407) = 2.41e+03,
 (483, 160) = 2.35e+03
 (489, 308) = 2.01e+03, (485, 440) = 1.94e+03, (495, 279) = 1.84e+03,
 (495, 322) = 1.62e+03
 (452, 401) = 1.59e+03, (494, 183) = 1.58e+03, (489, 501) = 1.51e+03,
 (491, 437) = 1.46e+03
 (491, 328) = 1.45e+03, (481, 98) = 1.25e+03, (467, 359) = 1.22e+03,
 (491, 414) = 1.19e+03
 (480, 83) = 1.18e+03, (487, 377) = 1.12e+03, (487, 306) = 1.09e+03,
 (480, 424) = 1.03e+03
 (495, 340) = 1.03e+03, (486, 309) = 1e+03, (453, 461) = 1e+03, (483,
 330) = 946
 (493, 332) = 866, (481, 200) = 848, (471, 456) = 782, (489, 396) = 780
 (480, 215) = 775, (493, 457) = 773, (493, 402) = 725, (493, 470) = 692
 (494, 14) = 688, (483, 312) = 686, (483, 223) = 662, (491, 422) = 620
 (491, 240) = 617, (481, 332) = 585, (489, 377) = 569, (479, 434) = 567
 (451, 194) = 561, (495, 274) = 532, (495, 469) = 521, (487, 78) = 520
 (492, 460) = 485, (489, 302) = 475, (485, 221) = 468, (483, 82) = 460

Hit map in 16x16 regions for source positioning

Normal

Cascode

HV_CHV

