

/home/lab2/tj-monopix2-daq/tjmonopix2/scans/output_data/module_0/chip_0/
20221011_122440_source_scan_interpreted.h5

Chip = W14R12

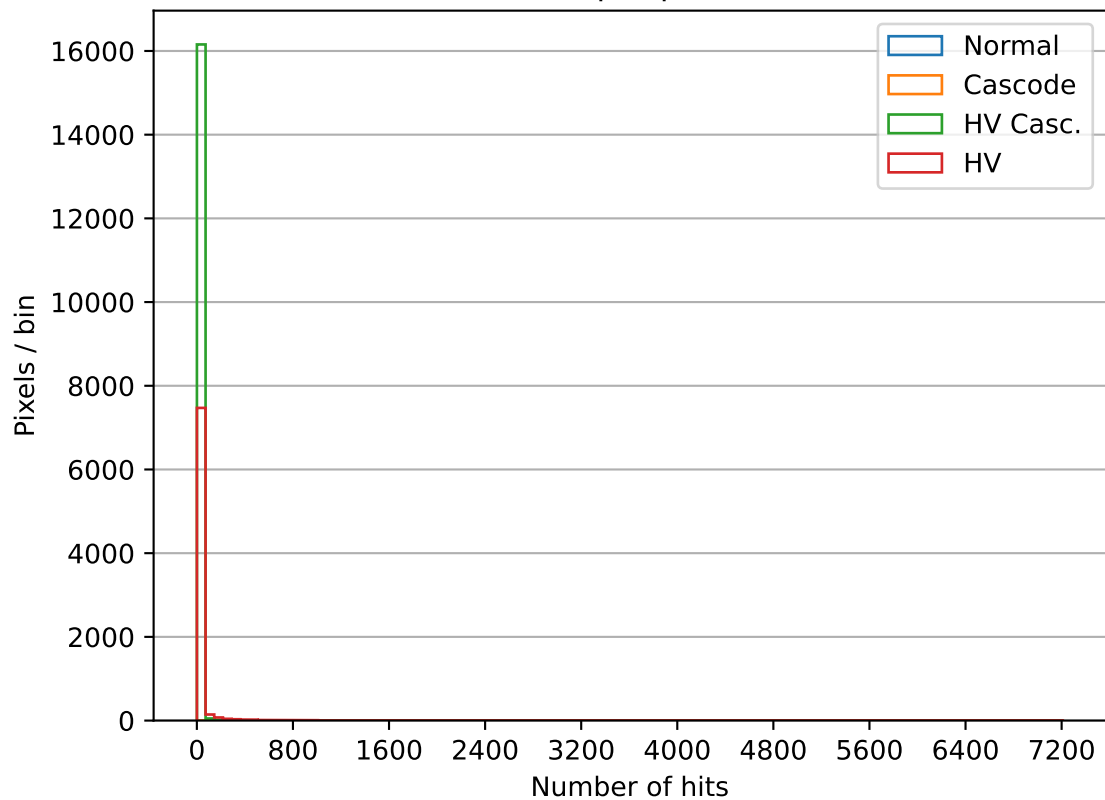
Script version = 2da00e2

IBIAS = None, ITHR = None, ICASN = None, IDB = None, ITUNE = None, VRESET =
None, VCASP = None, VCASC = None, VCLIP = None, VL = None, VH = None, ICOMP =
None, IDEL = None, IRAM = None

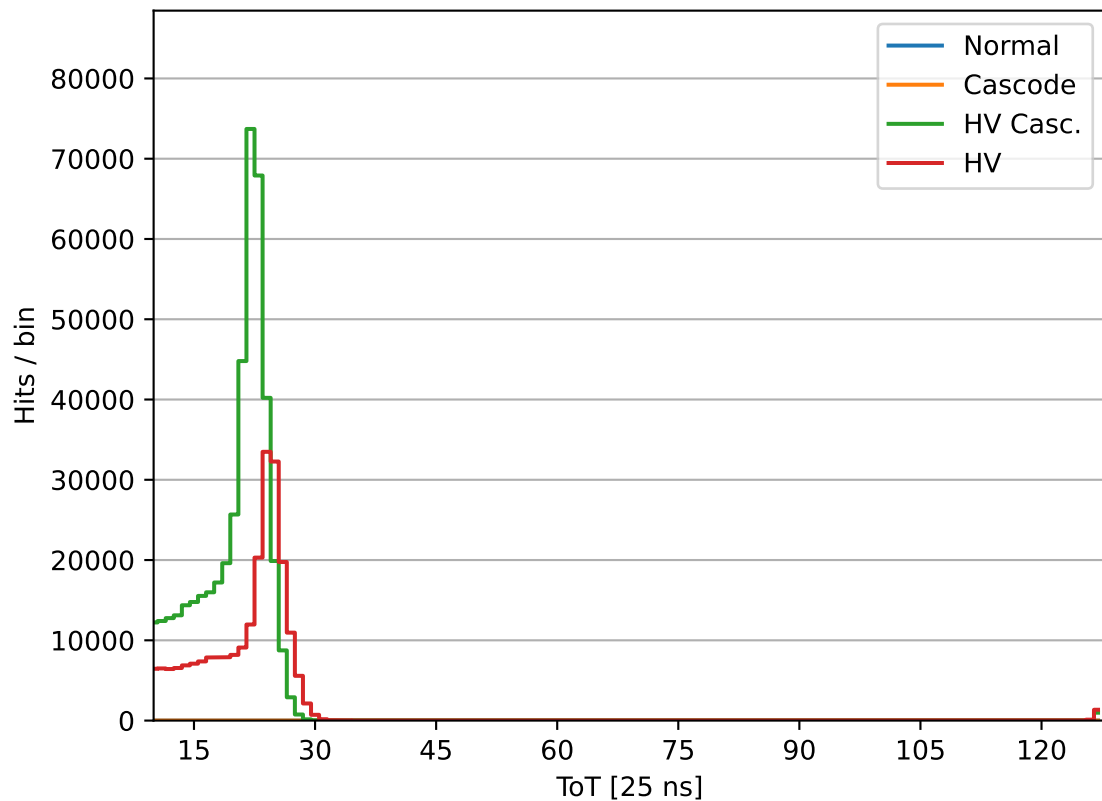
source_scan

start_column = 448, stop_column = 512, start_row = 0, stop_row = 512, scan_time
= 1200

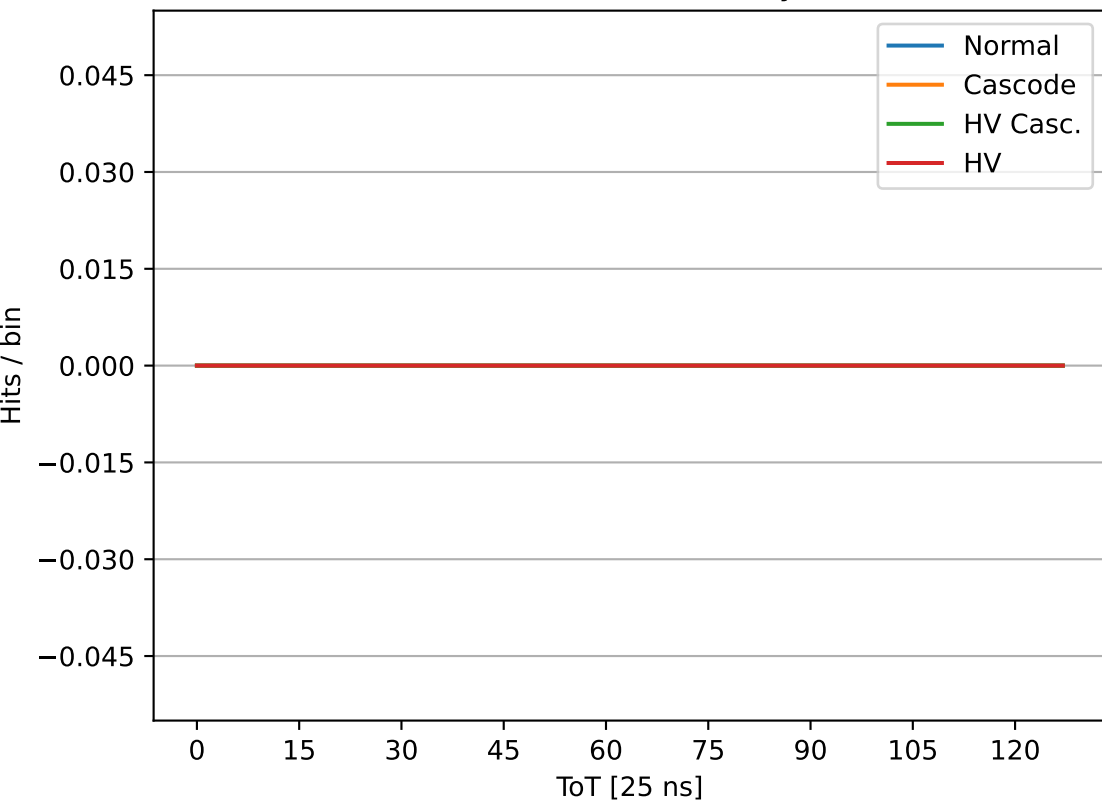
Hits per pixel



ToT



ToT (isolated hits only)

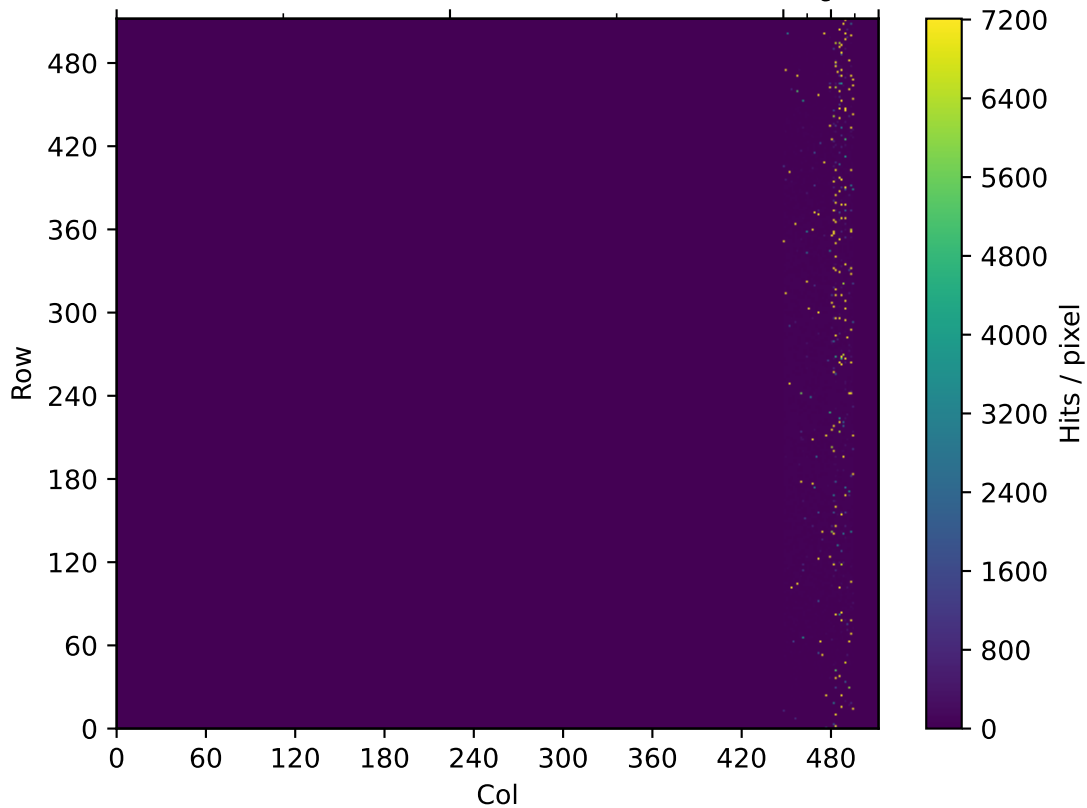


Hit map

Normal

Cascode

HV_CHV

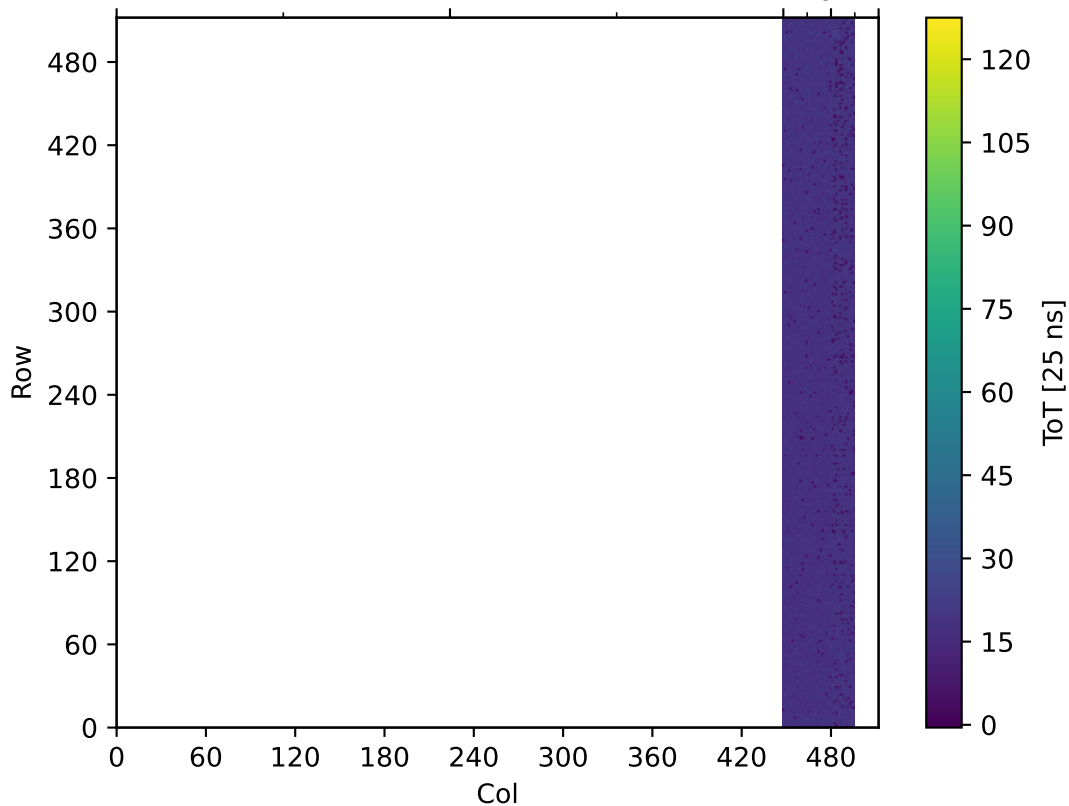


Average ToT map

Normal

Cascode

HV_CHV



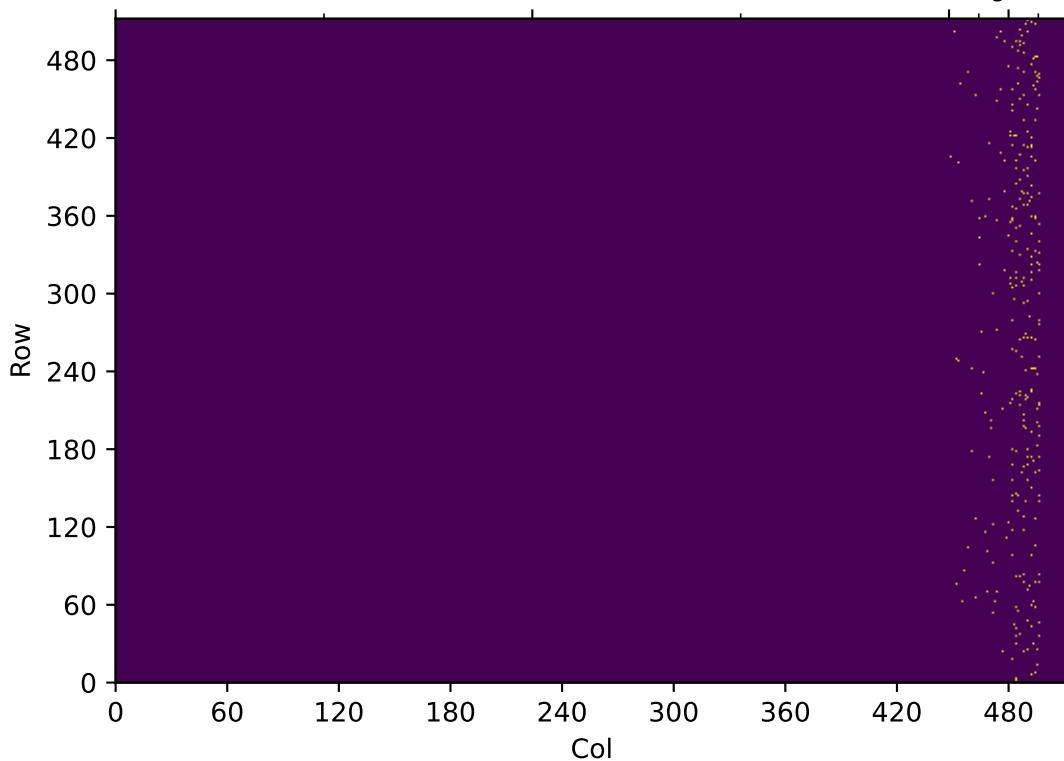
Noisy pixels in yellow (ignore this plot if source was used)

Noisy means rate > 1 Hz

Normal

Cascode

HV_C HV



(476, 24) = 6.99e+03
 (493, 242) = 5.96e+03, (483, 283) = 5.62e+03, (465, 302) = 4.42e+03,
 (494, 442) = 3.9e+03
 (474, 53) = 3.62e+03, (476, 211) = 3.05e+03, (485, 491) = 3.01e+03,
 (483, 340) = 2.84e+03
 (487, 395) = 2.51e+03, (487, 16) = 2.42e+03, (473, 497) = 2.16e+03,
 (487, 452) = 1.96e+03
 (469, 372) = 1.75e+03, (494, 482) = 1.68e+03, (449, 474) = 1.67e+03,
 (483, 2) = 1.62e+03
 (468, 101) = 1.48e+03, (448, 351) = 1.3e+03, (483, 477) = 1.1e+03,
 (495, 318) = 1.08e+03
 (481, 394) = 1.07e+03, (456, 363) = 998, (489, 510) = 982, (483, 402) =
 906
 (481, 118) = 814, (484, 461) = 786, (451, 76) = 680, (481, 257) = 658
 (491, 342) = 596, (495, 466) = 490, (483, 160) = 487, (495, 279) = 476
 (493, 407) = 456, (489, 308) = 405, (485, 440) = 365, (491, 328) = 359
 (495, 322) = 342, (489, 501) = 325, (491, 414) = 305, (491, 437) = 299
 (480, 83) = 298, (494, 183) = 294, (495, 340) = 271, (486, 309) = 264
 (487, 377) = 264, (481, 98) = 262, (452, 401) = 254, (467, 359) = 250
 (453, 461) = 230, (480, 424) = 225, (483, 330) = 223, (487, 306) = 200
 (471, 456) = 197, (481, 200) = 175, (483, 223) = 174, (493, 402) = 169
 (494, 14) = 169, (483, 312) = 168, (480, 215) = 164, (491, 422) = 158
 (493, 470) = 155, (493, 457) = 139, (489, 377) = 136, (493, 106) = 134
 (479, 434) = 129, (451, 194) = 119, (492, 460) = 119, (485, 234) = 116
 (489, 396) = 113, (491, 240) = 112, (481, 332) = 112, (483, 82) = 109
 (495, 469) = 106, (487, 78) = 104, (495, 274) = 95.8, (493, 499) = 92.1
 (481, 108) = 91.4, (489, 302) = 87.6, (493, 332) = 86.9, (491, 120) =
 85.9
 (491, 412) = 84.5, (483, 480) = 84.4, (487, 312) = 82.1, (477, 318) =
 81.9
 (485, 221) = 80.3, (487, 492) = 79.8, (493, 287) = 76.9, (485, 387) =

Hit map in 16x16 regions for source positioning

Normal

Cascode

HV_CHV

