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/mnt/c/Users/client/Desktop/VCASP scan/20221003 153230 threshold scan interpreted
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Chip = W14R12Script version = fatal: not a git repository (or any parent up to mount point /mnt)

Stopping at filesystem boundary (GIT DISCOVERY ACROSS FILESYSTEM not set).

IBIAS = 50, ITHR = 64, ICASN = 0, IDB = 100, ITUNE = 53, VRESET = 143, VCASP =

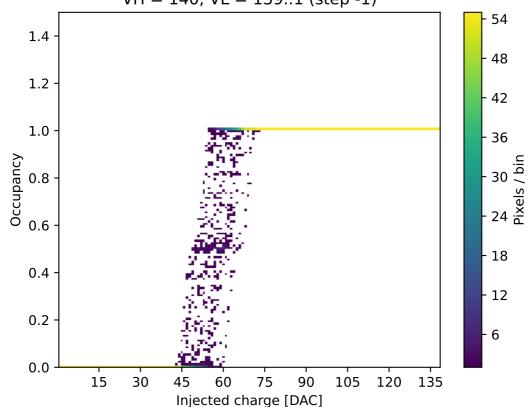
53. VCASC = 228. VCLIP = 255. VL = 2. VH = 140. ICOMP = 80. IDEL = 88. IRAM = 50

threshold scan start column = 219, stop column = 230, start row = 507, stop row = 512, n injections = 100, VCAL HIGH = 140, VCAL LOW start = 139, VCAL LOW stop = 1,

VCAL LOW step = -1



S-Curve (All FEs) VH = 140, VL = 139..1 (step -1)



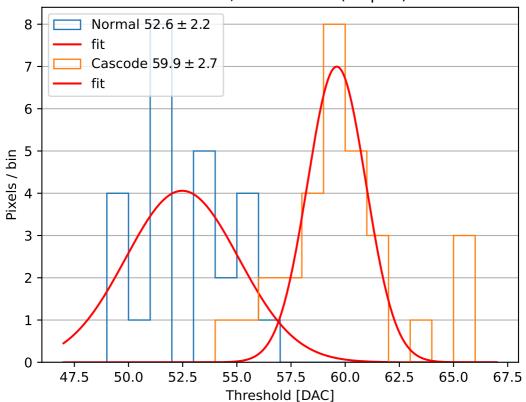
S-Curve (Normal) VH = 140, VL = 139..1 (step -1) 24 1.4 21 1.2 18 1.0 15 <u>등</u> Occupancy 8.0 12 Pixels / 0.6 9 0.4 6 0.2 3 0.0 30 15 45 60 90 105 120 135 75

Injected charge [DAC]

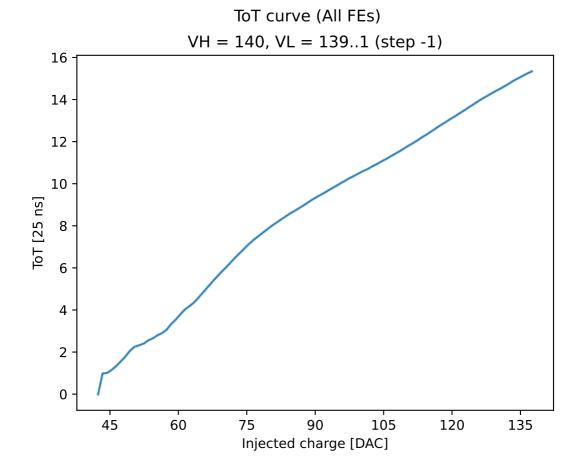
S-Curve (Cascode) VH = 140, VL = 139..1 (step -1) 30 1.4 27 1.2 24 21 1.0 18 <u>≒</u> Occupancy 8.0 15 0.6 12 9 0.4 6 0.2 3 0.0 30 15 60 90 105 120 135 45 75 Injected charge [DAC]

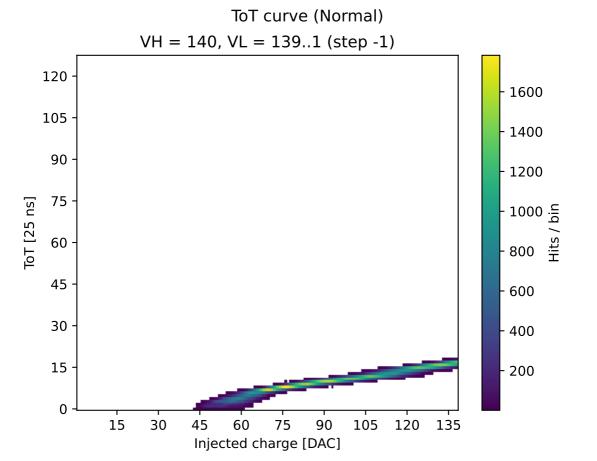
Threshold distribution

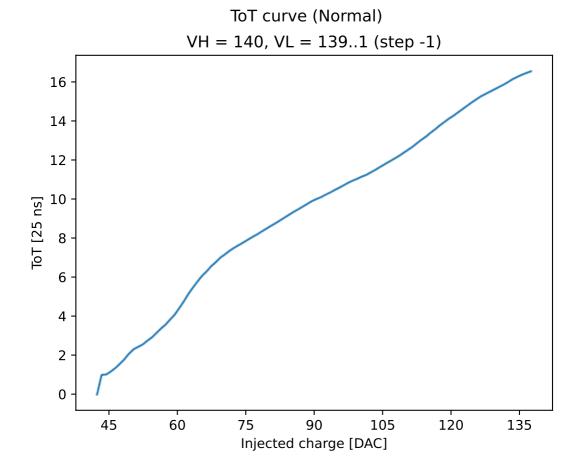
VH = 140, VL = 139..1 (step -1)



ToT curve (All FEs) VH = 140, VL = 139..1 (step -1) ToT [25 ns] Injected charge [DAC]







ToT curve (Cascode) VH = 140, VL = 139..1 (step -1) - 1500 ToT [25 ns] 1250 ^{Lig}/₁₀₀₀ Hits 60 -- 750 Injected charge [DAC]

