```
/mnt/c/Users/client/Desktop/VCASP scan/20221003 161121 threshold scan interpreted
                           .h5
```

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

Chip = W14R12Script version = fatal: not a git repository (or any parent up to mount point /mnt)

IBIAS = 50, ITHR = 64, ICASN = 0, IDB = 100, ITUNE = 53, VRESET = 143, VCASP = 100133, 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) 54 1.4 48 1.2 42 1.0 36 30 / slavels / pin 8.0 0.6 18 0.4 12 0.2 6

90

105

120

135

Occupancy

0.0

15

30

45

60

75 Injected charge [DAC]

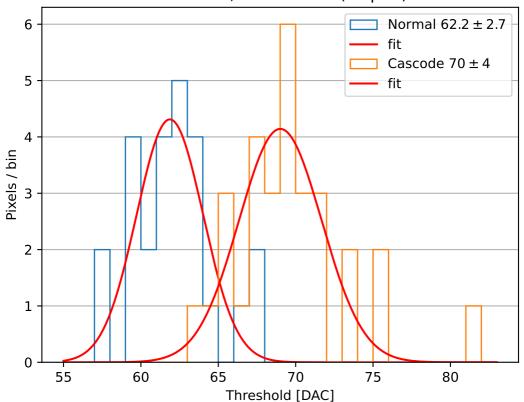
S-Curve (Normal) VH = 140, VL = 139..1 (step -1) 24 1.4 21 1.2 18 1.0 15 <u>등</u> Occupancy 8.0 12 Pixels / 0.6 9 0.4 6 0.2 3 0.0 30 120 15 45 60 75 90 105 135

Injected charge [DAC]

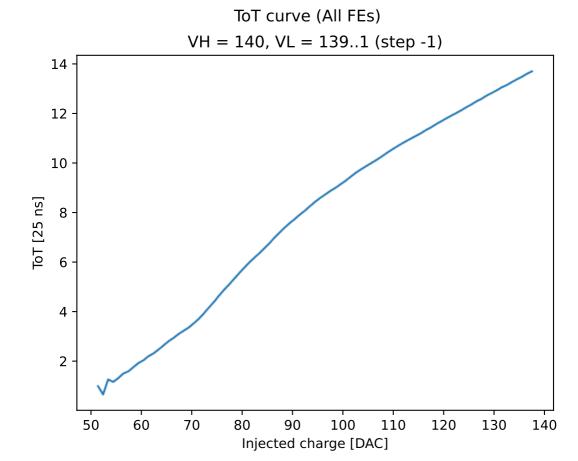
S-Curve (Cascode) VH = 140, VL = 139..1 (step -1) 30 1.4 27 1.2 24 21 1.0 18 <u>≒</u> Occupancy 8.0 15 0.6 12 9 0.4 6 0.2 3 0.0 30 15 45 90 105 120 135 60 75 Injected charge [DAC]

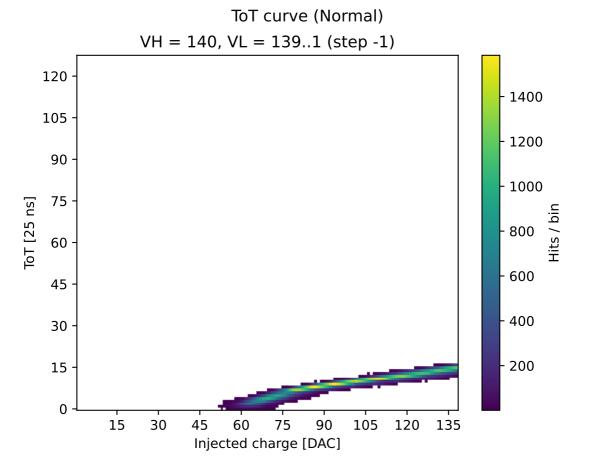
Threshold distribution

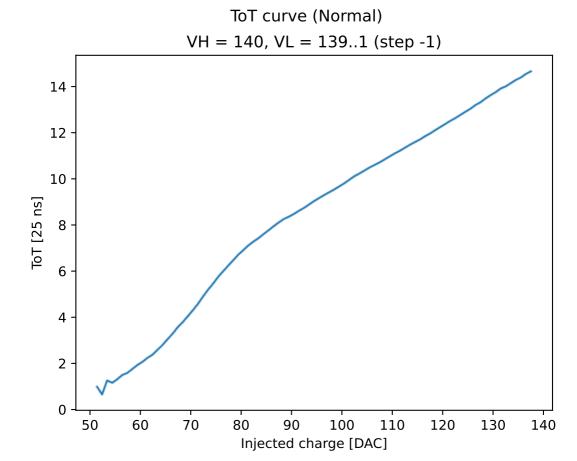
VH = 140, VL = 139..1 (step -1)



ToT curve (All FEs) VH = 140, VL = 139..1 (step -1) ToT [25 ns] 1500 🚡 1200 H 60 -Injected charge [DAC]







ToT curve (Cascode) VH = 140, VL = 139..1 (step -1) ToT [25 ns] 1000 등 Injected charge [DAC]

