```
/mnt/c/Users/client/Desktop/VCASP_scan/20221003_154211_threshold_scan_interpreted .h5 \,
```

Chip = W14R12
Script version = fatal: not a git repository (or any parent up to mount point /mnt)

Stopping at filesystem boundary (GIT\_DISCOVERY\_ACROSS\_FILESYSTEM not set).

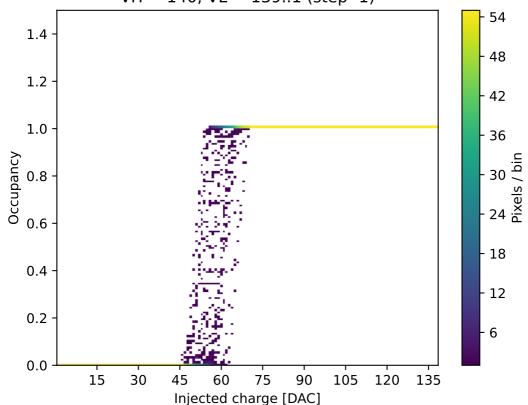
IBIAS = 50, ITHR = 64, ICASN = 0, IDB = 100, ITUNE = 53, VRESET = 143, VCASP =

73, 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)



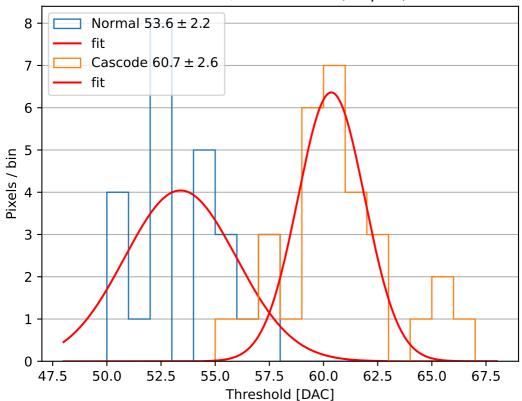
S-Curve (Normal) VH = 140, VL = 139..1 (step -1) 24 1.4 21 1.2 18 1.0 15 <u>등</u> Occupancy 8.0 12 Pixels / 0.6 9 0.4 6 0.2 3 0.0 30 15 60 90 105 120 135 45 75

Injected charge [DAC]

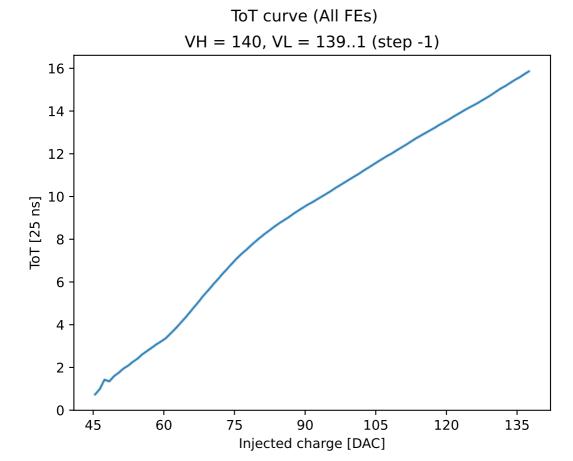
S-Curve (Cascode) VH = 140, VL = 139..1 (step -1) 30 1.4 27 1.2 24 21 1.0 18 <u>≒</u> Occupancy 8.0 15 0.6 12 9 0.4 6 0.2 3 0.0 30 15 45 60 75 90 105 120 135 Injected charge [DAC]

## Threshold distribution

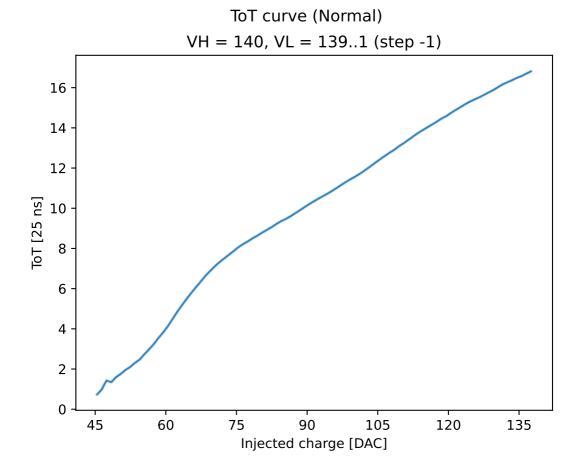
VH = 140, VL = 139..1 (step -1)



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



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



ToT curve (Cascode) VH = 140, VL = 139..1 (step -1) ToT [25 ns] 1250 <sup>ui</sup>q / sji 1000 H 60 -Injected charge [DAC]

