

/mnt/c/Users/client/Desktop/tesi/tesi/Analysis/W14R12/threshold_scan/all_casc/
140/20221003_115355_threshold_scan_interpreted.h5
Chip = W14R12
Script version = 915a739

IBIAS = 50, ITHR = 64, ICASN = 0, IDB = 100, ITUNE = 53, VRESET = 143, VCASP =
93, VCASC = 228, VCLIP = 255, VL = 2, VH = 140, ICOMP = 80, IDEL = 88, IRAM = 50

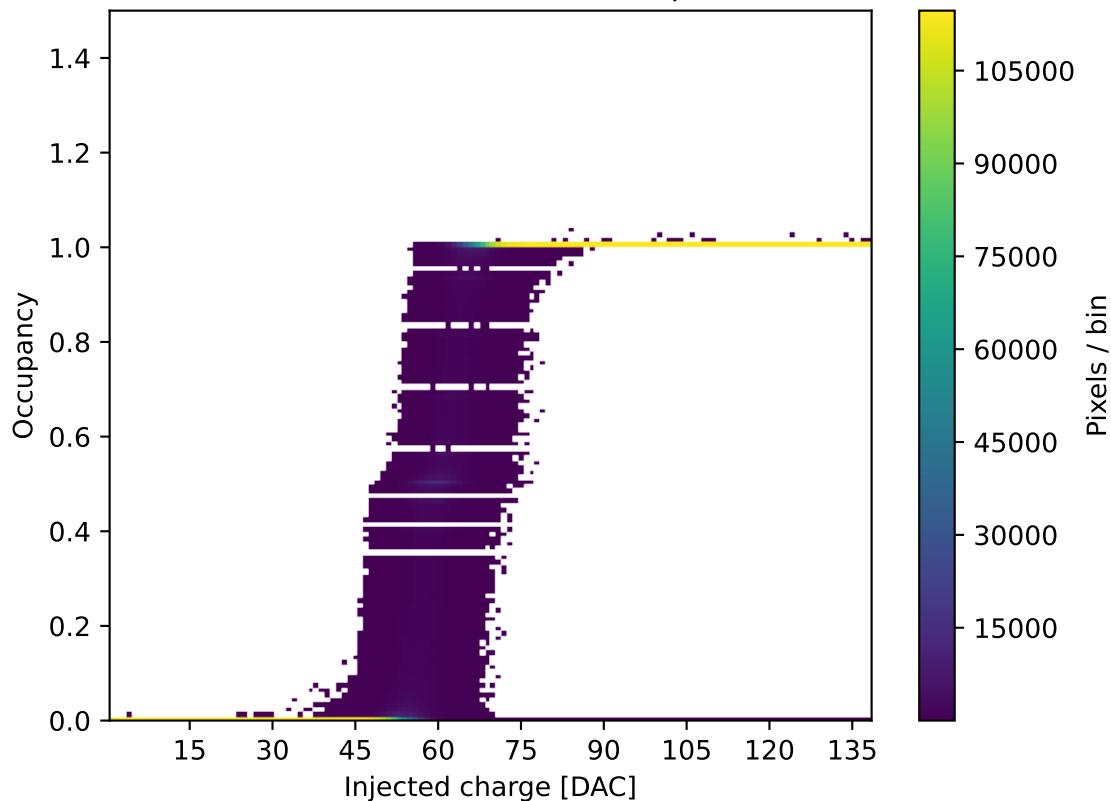
threshold_scan

start_column = 224, stop_column = 448, start_row = 0, stop_row = 512,
n_injections = 100, VCAL_HIGH = 140, VCAL_LOW_start = 139, VCAL_LOW_stop = 1,
VCAL_LOW_step = -1

No noisy pixel found.

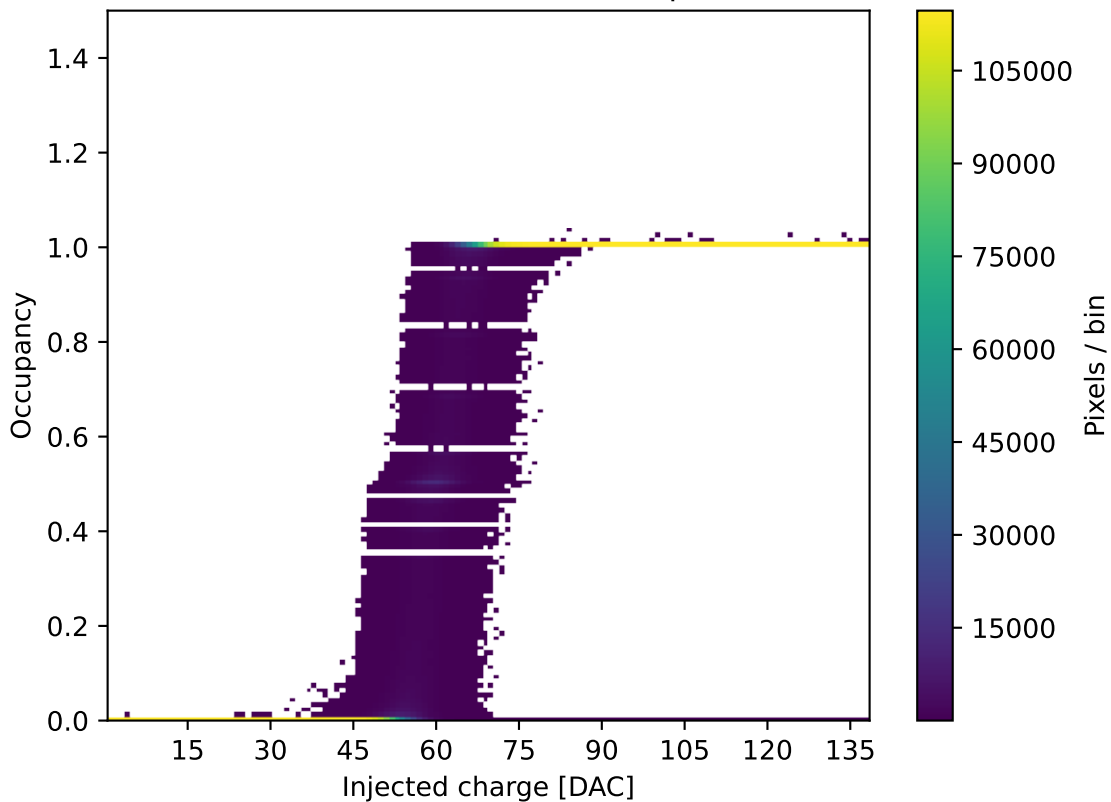
S-Curve (All FEs)

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



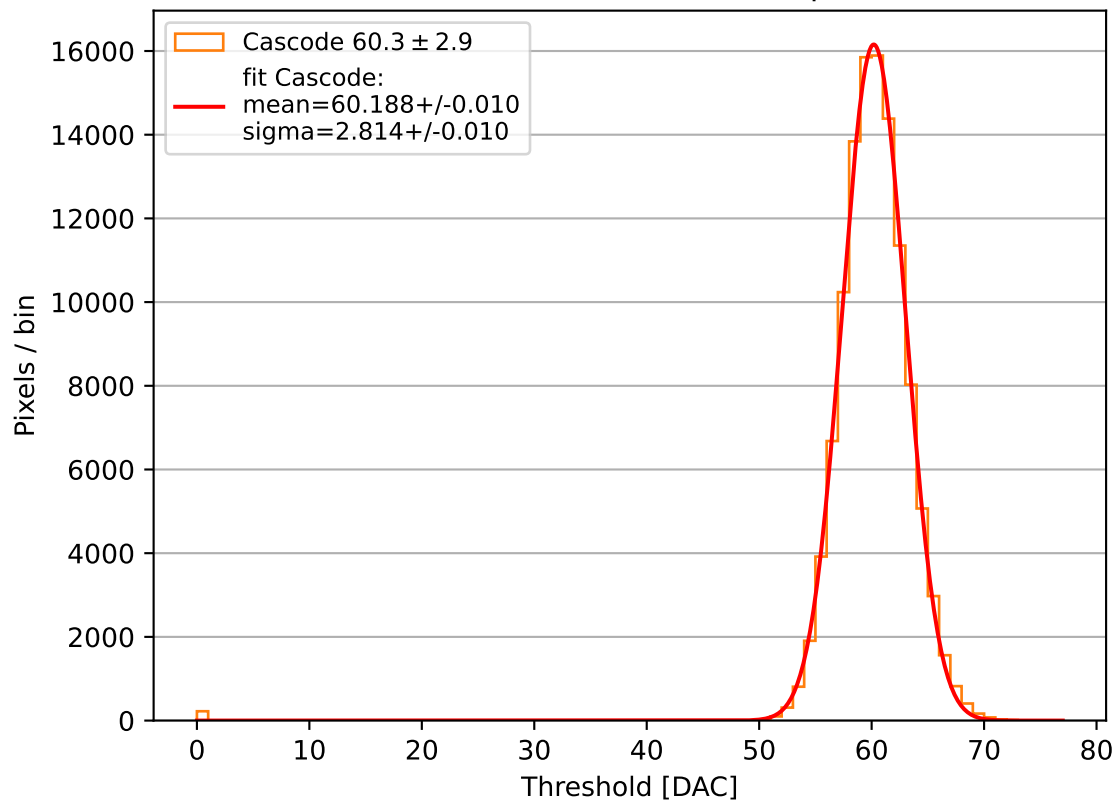
S-Curve (Cascode)

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



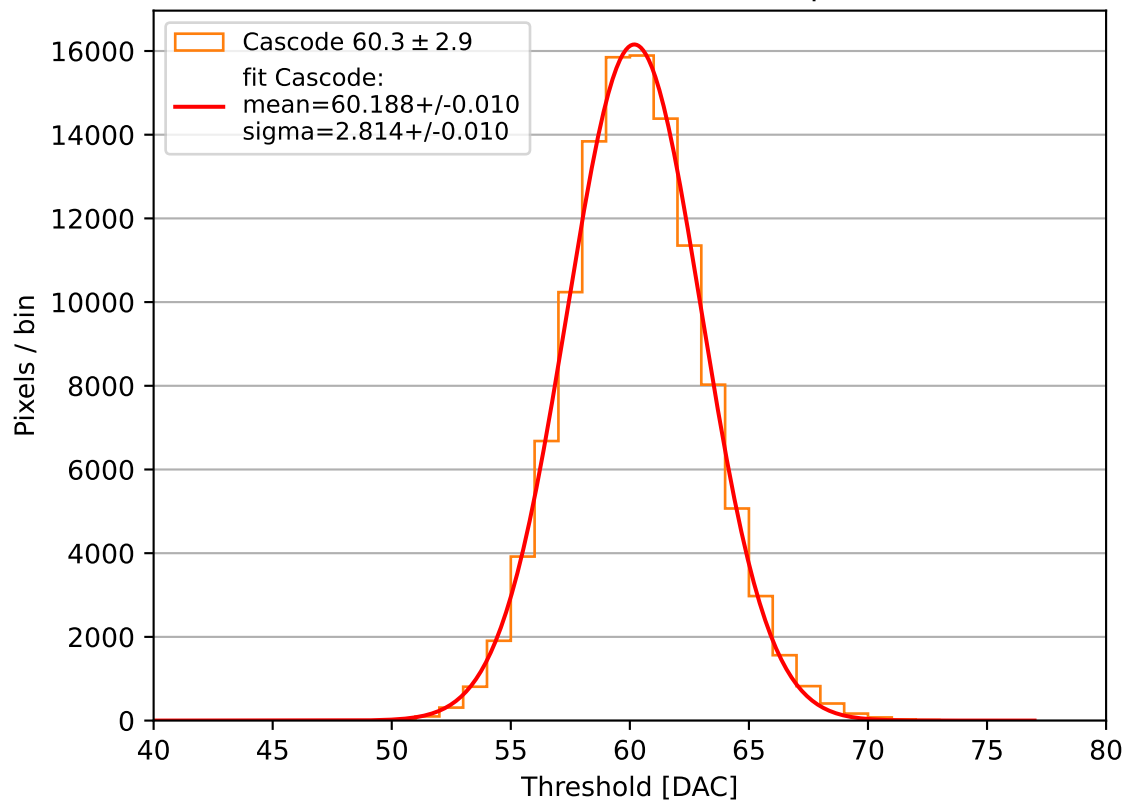
Threshold distribution

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



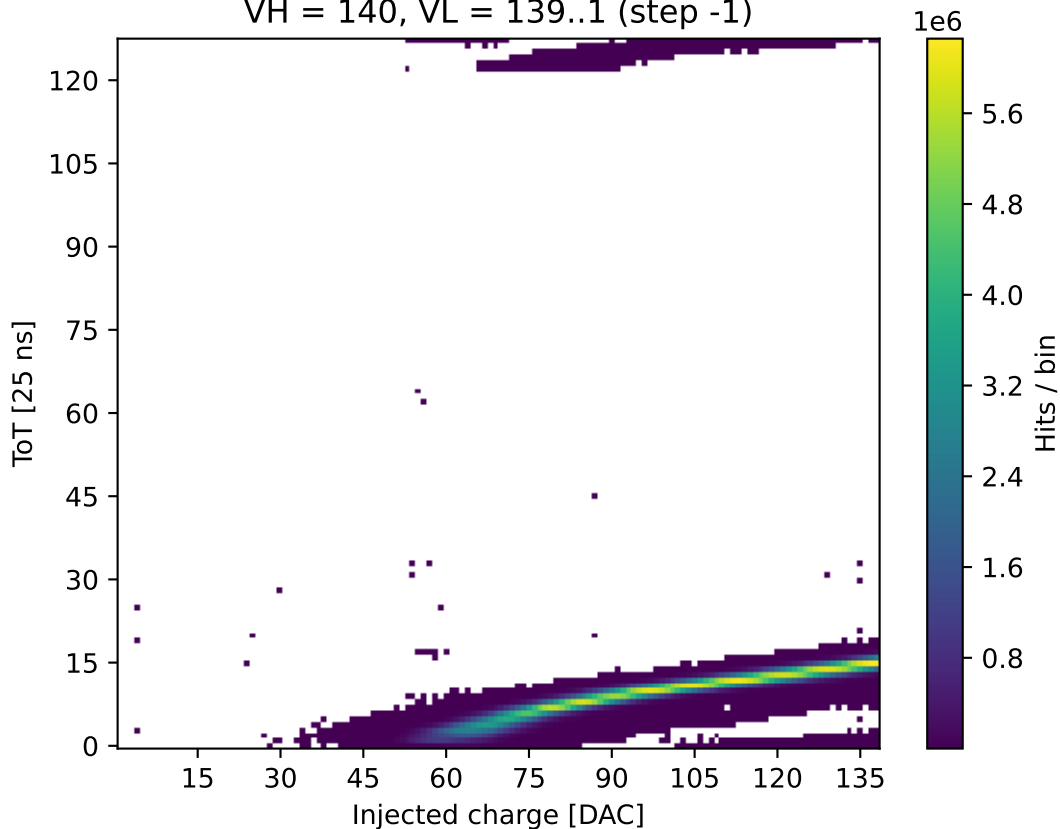
Threshold distribution

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



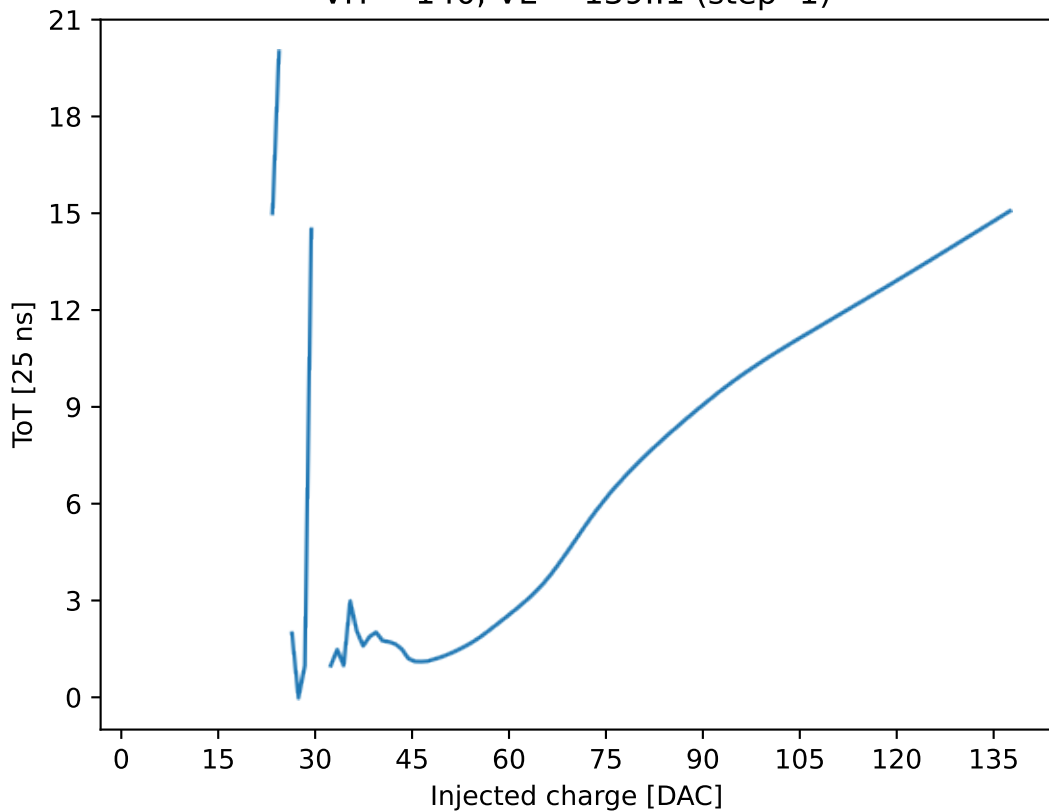
ToT curve (All FEs)

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



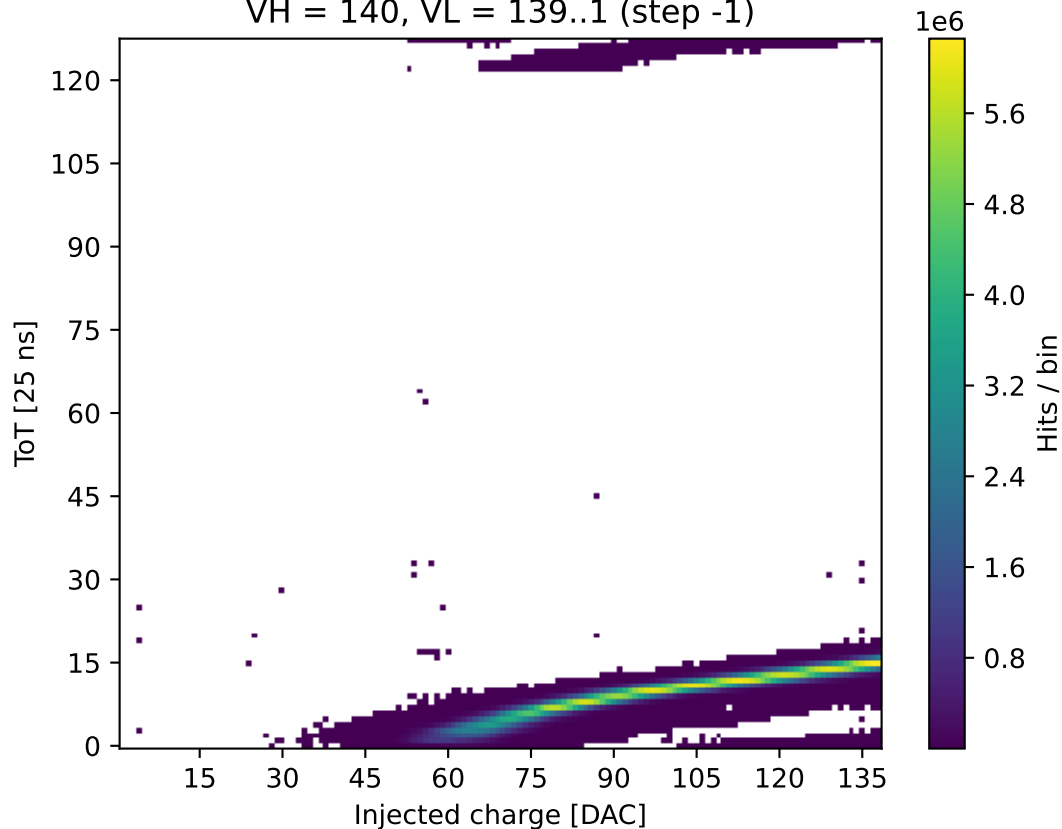
ToT curve (All FEs)

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



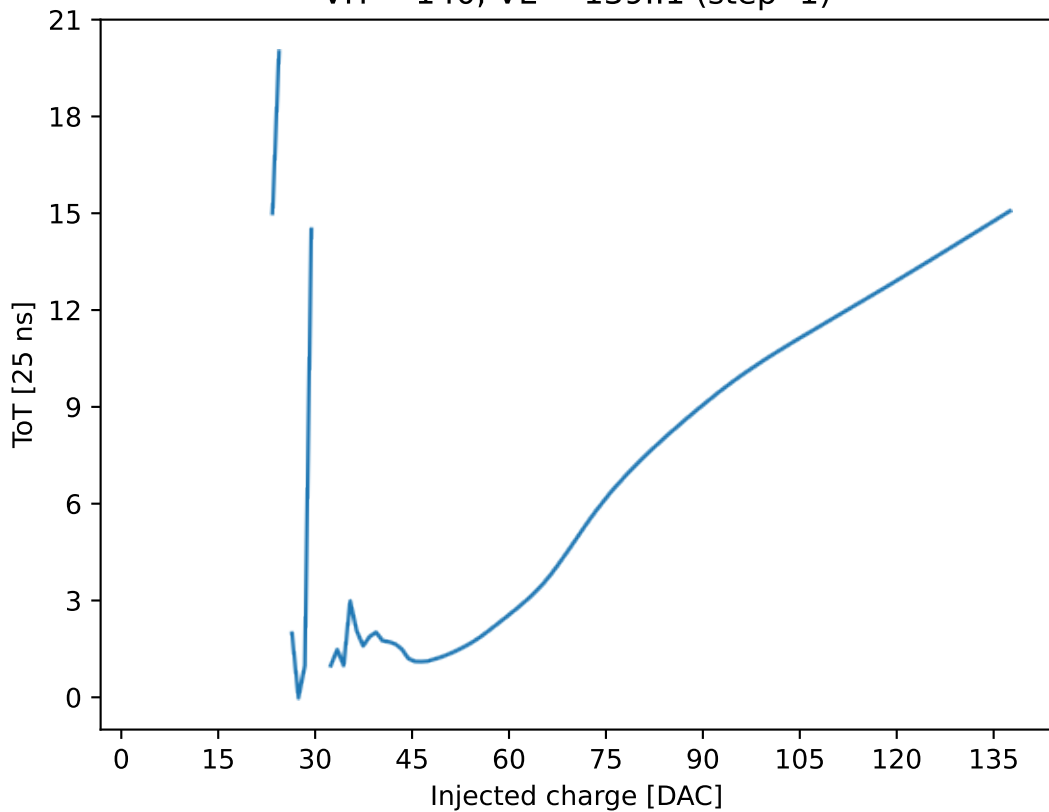
ToT curve (Cascode)

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



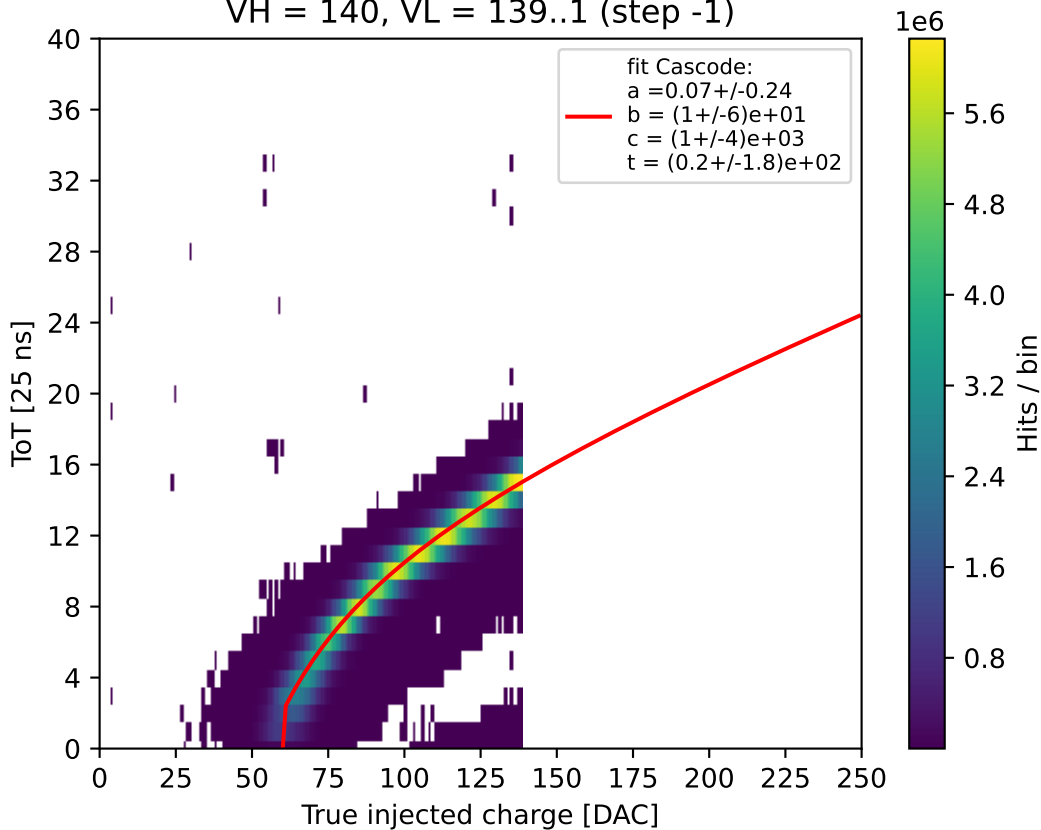
ToT curve (Cascode)

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



ToT curve fit

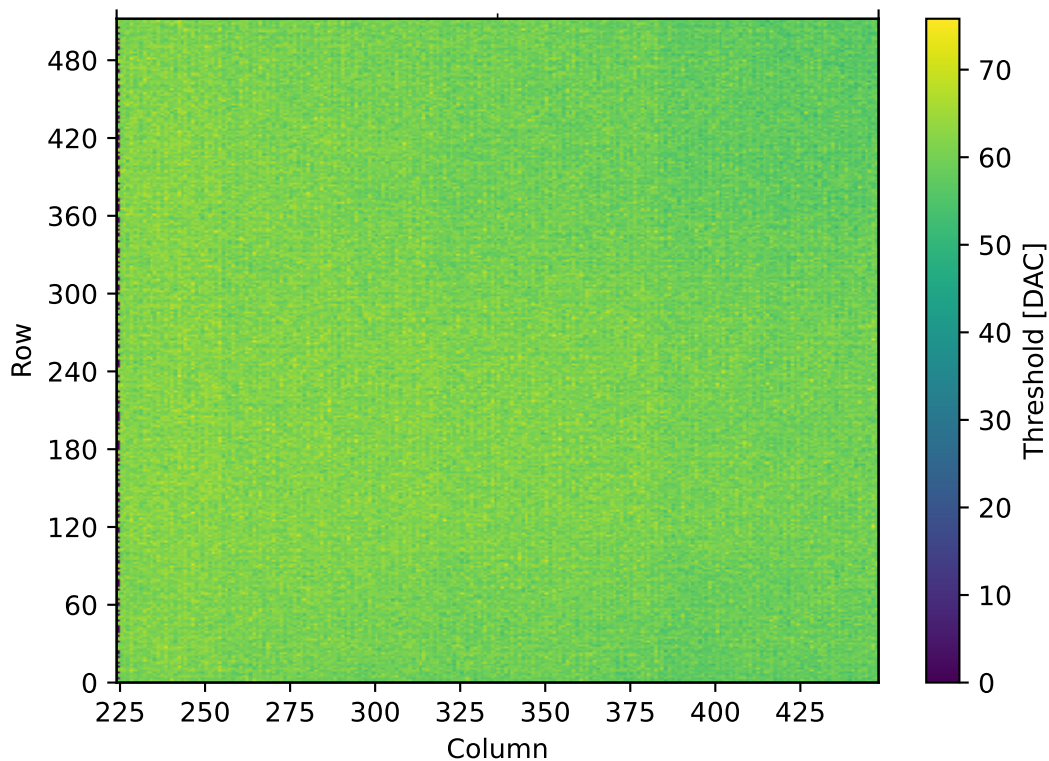
VH = 140, VL = 139..1 (step -1)



Threshold map

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

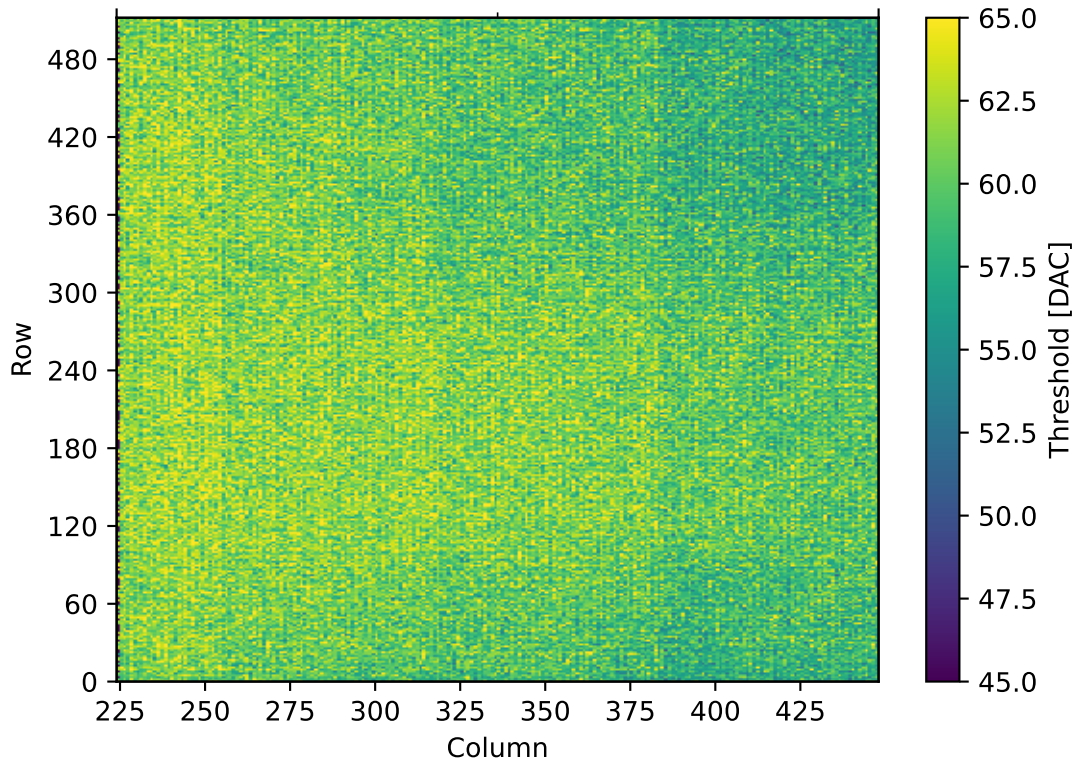
Cascode



Threshold map

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

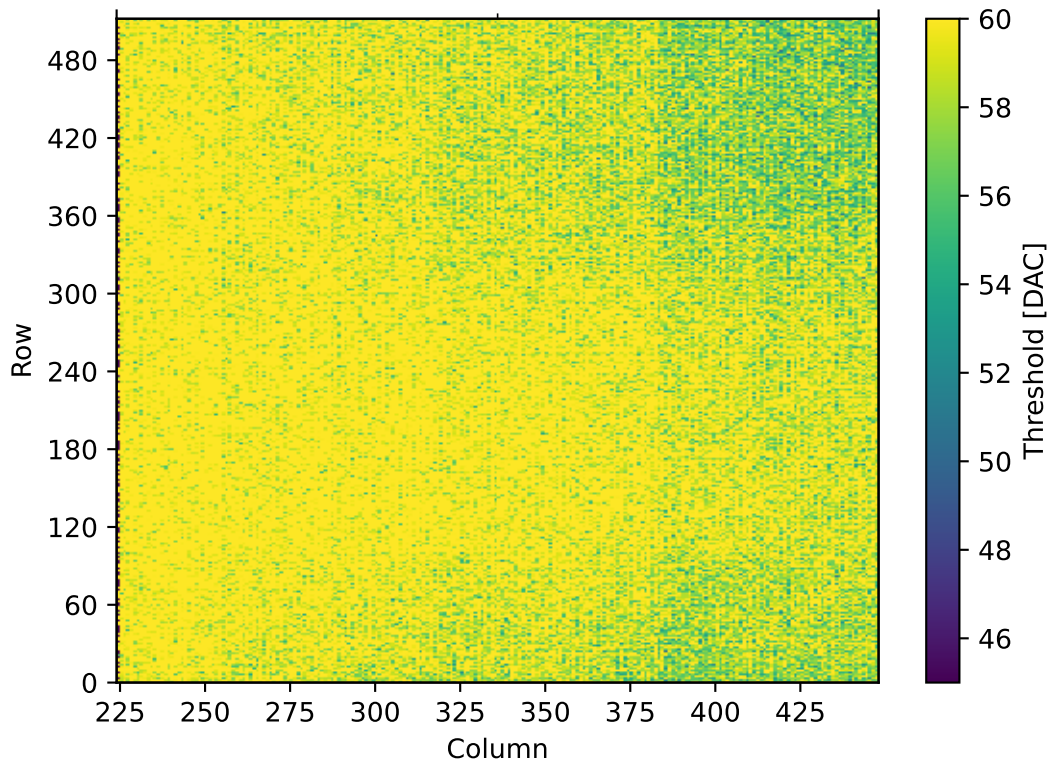
Cascode



Threshold map

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

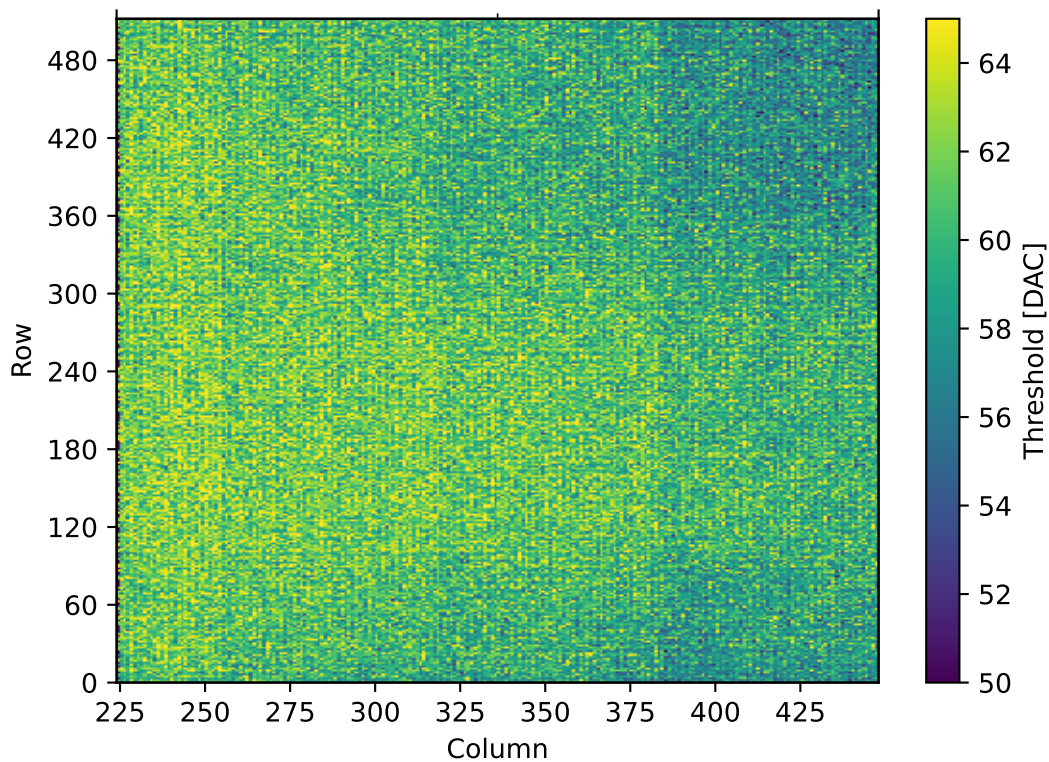
Cascode



Threshold map

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

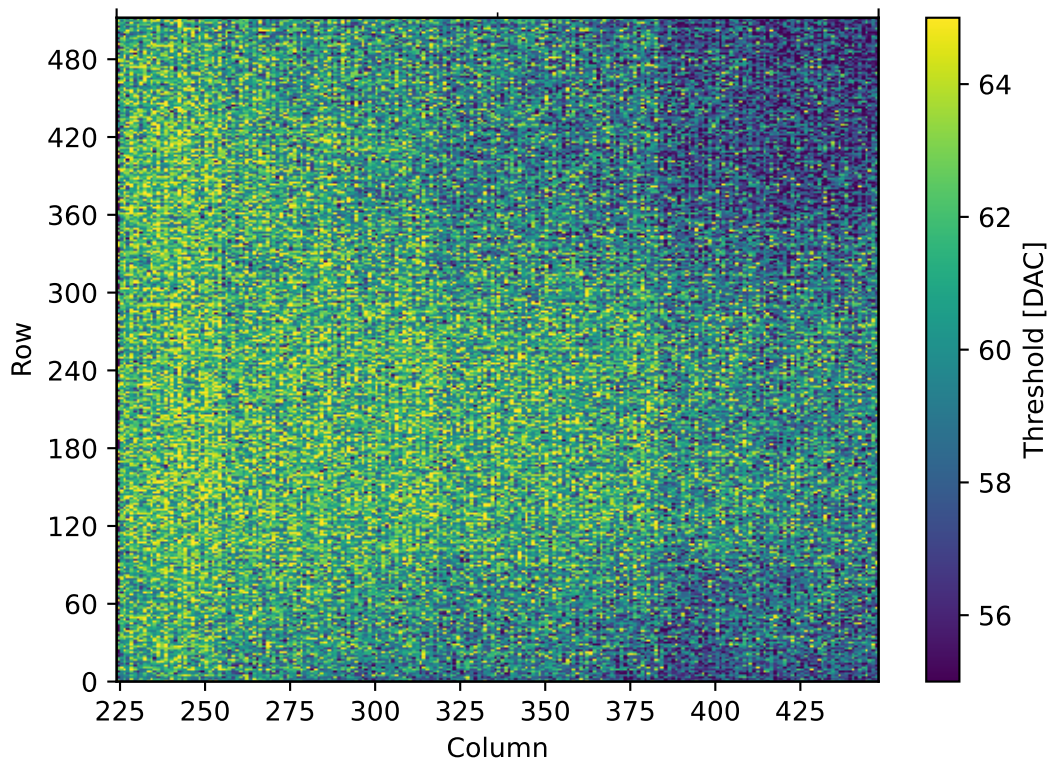
Cascode



Threshold map

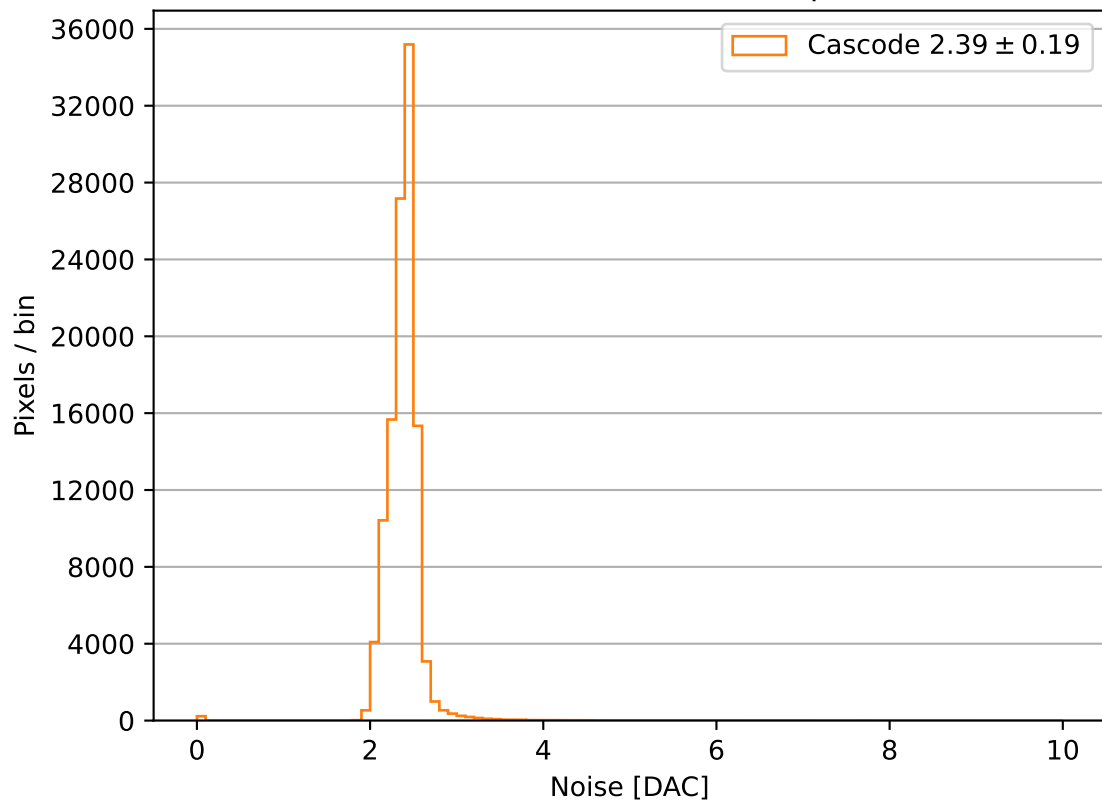
VH = 140, VL = 139..1 (step -1)

Cascode



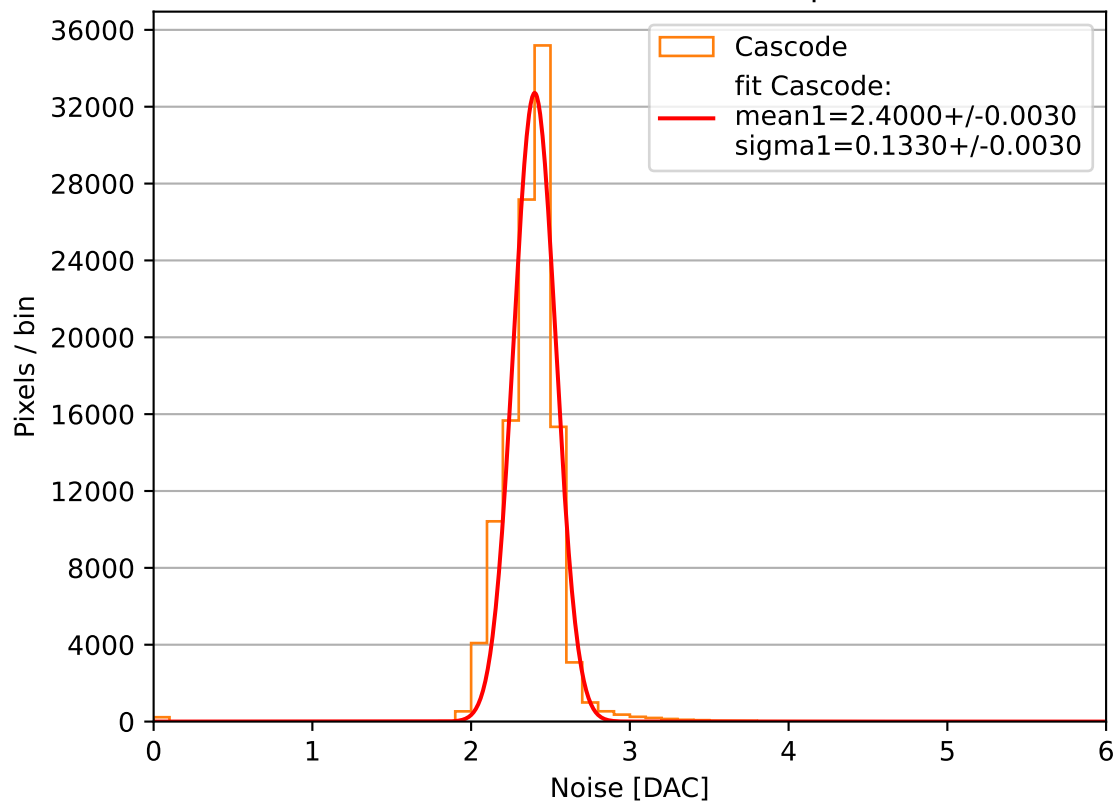
Noise distribution

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



Noise distribution

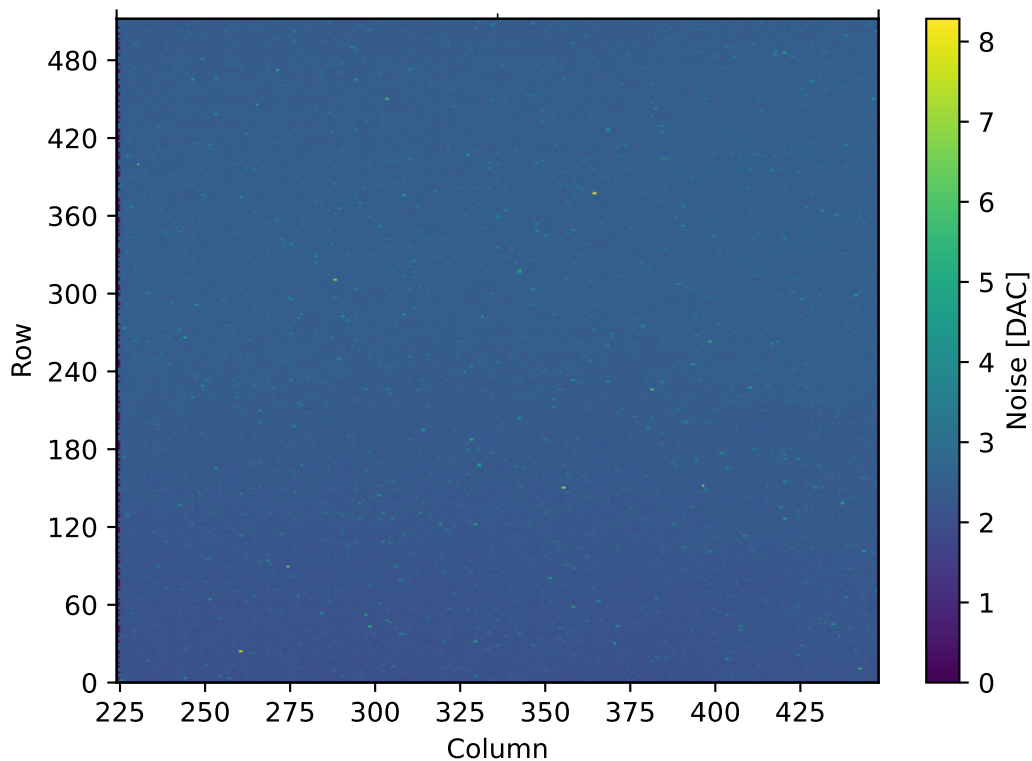
VH = 140, VL = 139..1 (step -1)



Noise map

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

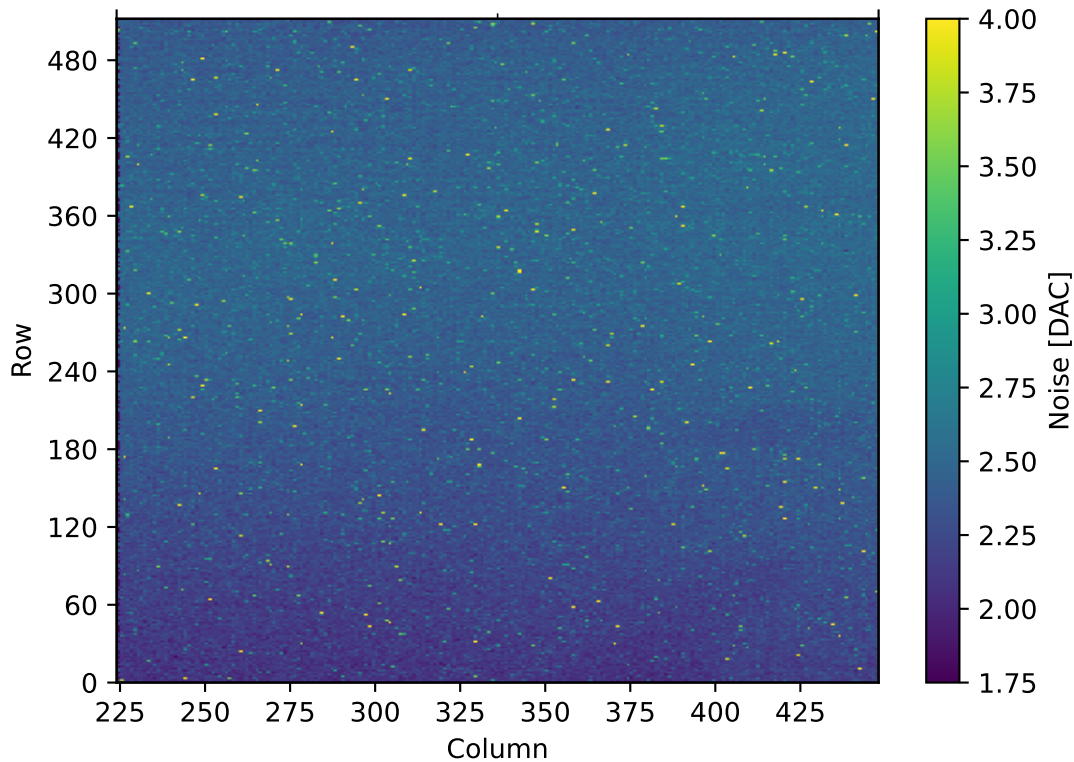
Cascode



Noise map

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

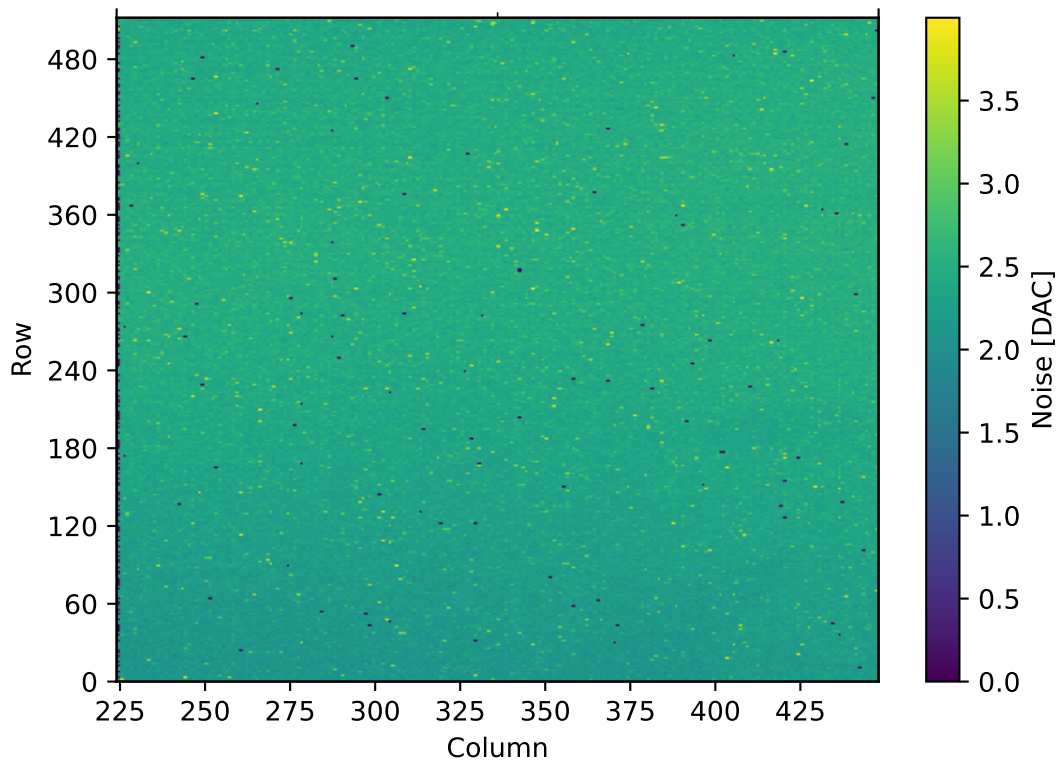
Cascode



Noise map

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

Cascode



Noise (width of s-curve slope) distribution

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

