

This is a tpx3-daq NoiseScan for chip W15-G6.  
Run name: NoiseScan\_2025-12-19\_16-27-16

Parameter	Value
Ibias_CP_PLL	128
Ibias_DiscS2_OFF	8
Ibias_PixelDAC	100
Ibias_TPbufferIn	128
Sense_DAC	29
VTP_fine	300
Vthreshold_fine	430
shutter	0.01

Parameter	Value
Ibias_DiscS1_OFF	8
Ibias_DiscS2_ON	128
Ibias_Preamp_OFF	8
Ibias_TPbufferOut	128
VPreamp_NCAS	128
Vfbk	132
Vthreshold_start	1350

Parameter	Value
Ibias_DiscS1_ON	100
Ibias_Ikrum	3
Ibias_Preamp_ON	150
PLL_Vcntrl	128
VTP_coarse	100
Vthreshold_coarse	7
Vthreshold_stop	1450

Have a good day!

Equalisation:

/home/tpx3daq/Timepix3/equalisations/WorkingEqualisation-27-09-2025.h5

Maskfile:

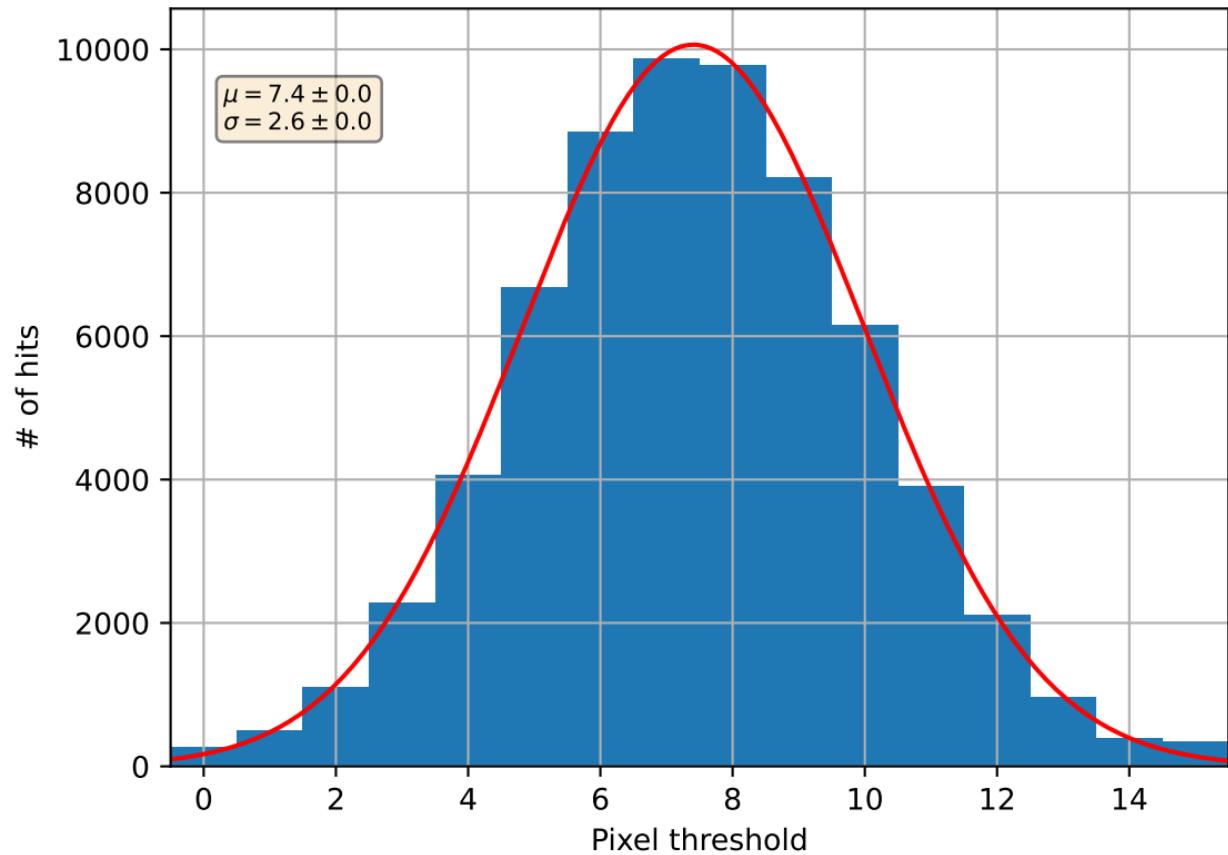
/home/tpx3daq/Timepix3/masks/20251212v2.h5

Software version: 0.9.0  
Readout board: MIMAS\_A7  
Firmware version: 4

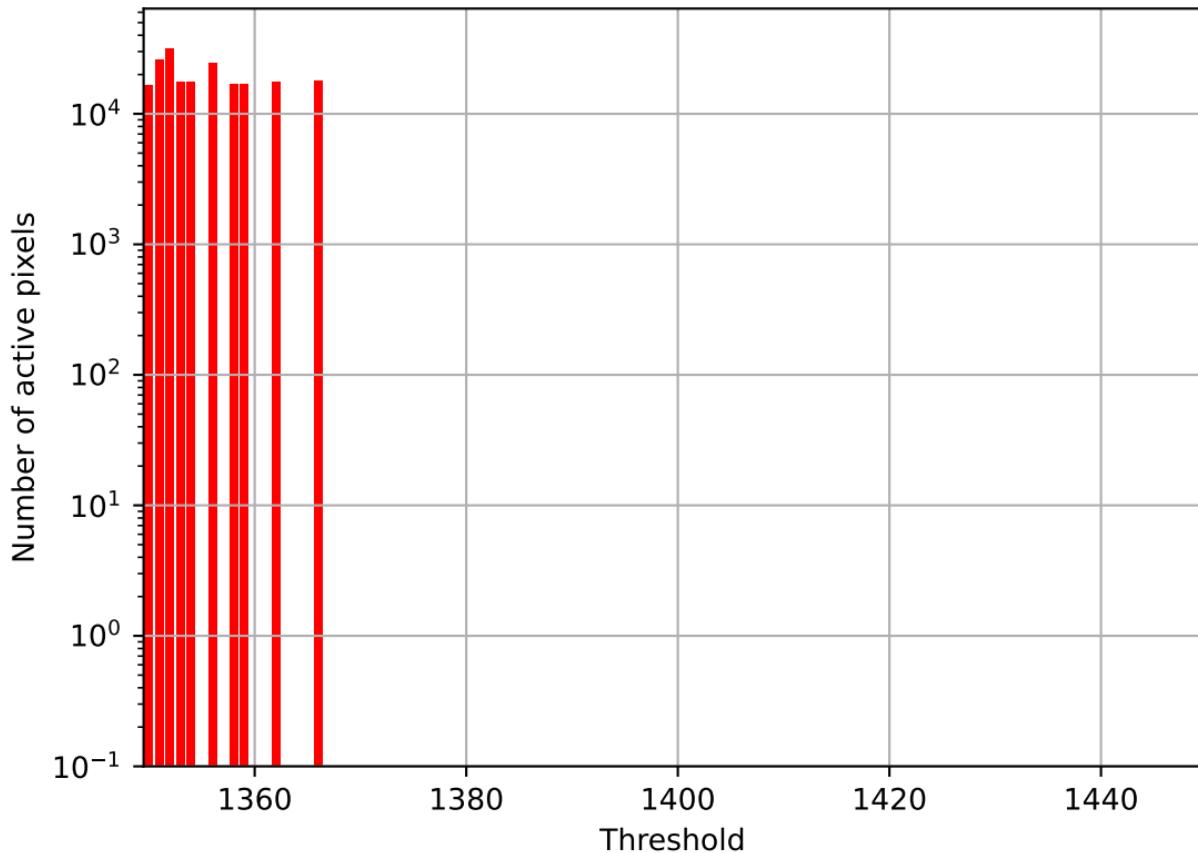
Timepix3 draft

Chip: W15-G6

### Pixel threshold distribution



## Noise pixel per threshold



## Noise hits per threshold

