This is a tpx3-daq NoiseScan for chip W0-`0.
Run name: NoiseScan_2025-12-19_15-03-00

Parameter	Value
Ibias_CP_PLL	128
Ibias_DiscS2_OFF	8
Ibias_PixelDAC	127
Ibias_TPbufferIn	128
Sense_DAC	29
VTP_fine	300
Vthreshold_fine	430
shutter	0.01

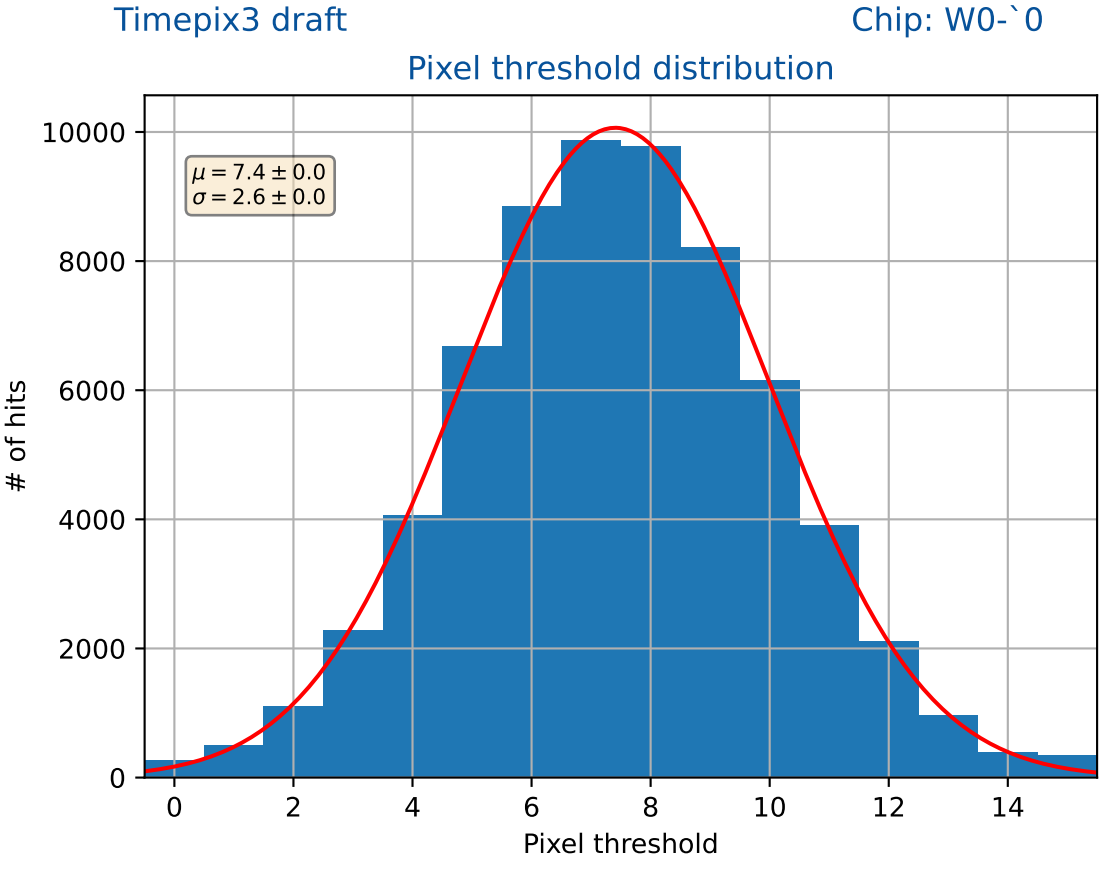
Parameter	Value
Ibias_DiscS1_OFF	8
Ibias_DiscS2_ON	128
Ibias_Preamp_OFF	8
Ibias_TPbufferOut	128
VPreamp_NCAS	128
Vfbk	132
Vthreshold_start	1450

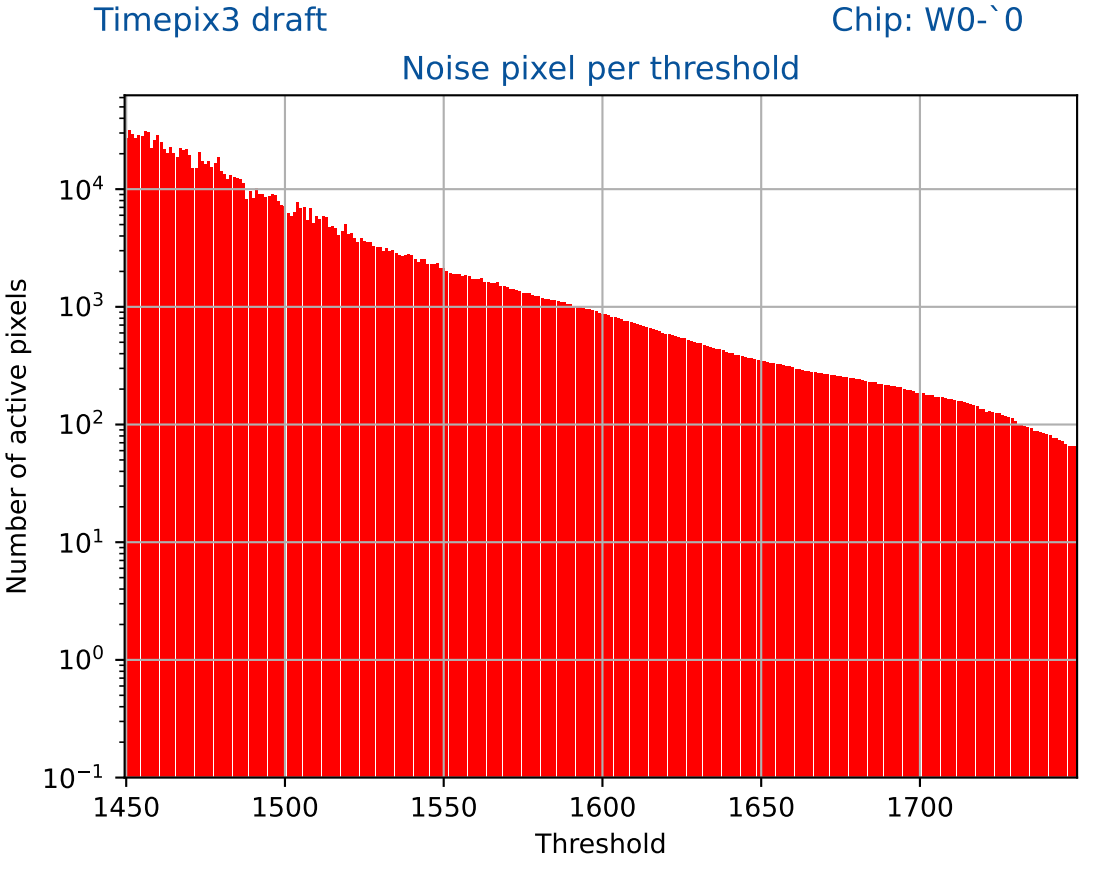
Parameter	Value
Ibias_DiscS1_ON	100
Ibias_Ikrum	3
Ibias_Preamp_ON	150
PLL_Vcntrl	128
VTP_coarse	100
Vthreshold_coarse	7
Vthreshold_stop	1750

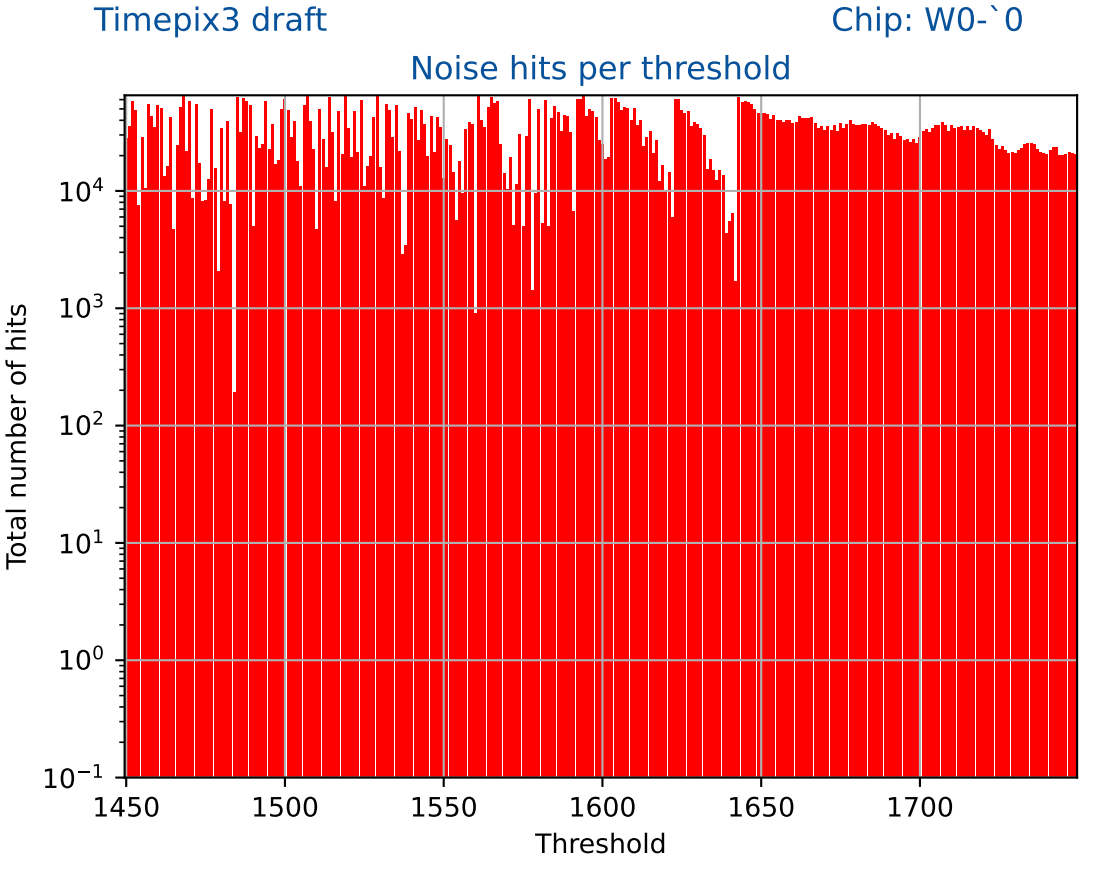
Software version: 0.9.0
Readout board: FECv6
Firmware version: 4

Have a good day!

Equalisation:
/home/ixpe_user/Timepix3/equalisations/WorkingEqualisation-27-09-2025.h5
Maskfile:
/home/ixpe_user/Timepix3/masks/20251212v2.h5


Timepix3 draft
Chip: W0-`0
Pixel threshold distribution
$\mu = 7.4 \pm 0.0$
$\sigma = 2.6 \pm 0.0$
# of hits
Pixel threshold
0
2000
4000
6000
8000
10000
0
2
4
6
8
10
12
14


Timepix3 draft
Chip: W0-`0
Noise pixel per threshold
Number of active pixels
10^{4}
10^{3}
10^{2}
10^{1}
10^{0}
10^{-1}
1450
1500
1550
1600
1650
1700
Threshold


Timepix3 draft
Chip: W0-`0
Noise hits per threshold
Total number of hits
10^{4}
10^{3}
10^{2}
10^{1}
10^{0}
10^{-1}
1450
1500
1550
1600
1650
1700
Threshold