

	THL	1 st exp (156,120)*	2 nd exp (156,120)	3 rd exp (156,120)	4 th exp (156,120)	5 th exp (156,120)	6 th exp (156,120)
J03-W0026 MXR3D n-bulk, 3D, MXR. 8 dead columns. Leakage current low	391 Noise centroid 300 15keV Cal (Hand scan)	THL=345 (50%) THL-FBK=0 V=5V ~5000 counts 5 frames 0.7ms	THL=345 (50%) THL-FBK=0 V=20V ~5000 counts 5 frames 0.7ms	THL=368 (25%) V=20V ~5600 counts 5 frames 0.7ms	THL=368 (25%) V=5V ~3000 counts 5 frames 0.7ms	THL=323 (75%) V=5V ~1300 counts 5 frames 0.7ms	THL=323 (75%) V=20V ~1200 counts 5 frames 0.7ms
Scan size		Full	Full	Quarter	Quarter	Quarter	Quarter
Data file		12426.dat	12428.dat	12430.dat	12431.dat	12432.dat	12433.dat
File		2ndPixelScan_5a q_70ms_5V_TH L345_3DN	3rdPixelScan_5a q_70ms_20V_T HL345_3DN	4thPixelScan_5a q_70ms_20V_T HL368_Quarter_ 3DN	5thPixelScan_5a q_70ms_5V_TH L368_Quarter_3 DN	6thPixelScan_5a q_70ms_5V_TH L323_Quarter_3 DN	7thPixelScan_5a q_70ms_20V_T HL323_Quarter_ 3DN
Num. files		4805	4805	1445	1445	1445	1445
Matrix size		31x31	31x31	17x17	17x17	17x17	17x17
Day		2	2	2	2	2	2

Full: scan size of $77.5 \times 77.5 \mu\text{m}^2$, step size= $2.5 \mu\text{m}$

Quarter: scan $\frac{1}{4}$ of a pixel $42.5 \times 42.5 \mu\text{m}^2$, step size= $2.5 \mu\text{m}$

*(column,row)

	THL	1 st exp (158,135)	B e	2 nd exp (158,135)	3 rd exp (158,135)	4 th exp (158,135)	5 th exp (158,135)	6 th exp (158,135)
F09-W0015 TPX3D p-bulk, 3D, TPX. Medipix mode Partially depleted at -20V. Fully depleted at -40V	375 Noise centroid 505 15keV Cal (Hand scan)	THL=440 (50%) V=-20V ~5000 counts 5 frames 0.7ms	a m L o s s &	THL=440 (50%) V=-40V 5 frames 0.7ms	THL=407 (25%) THL-FBK=.0232 V=-40V ~5000 counts 5 frames 0.7ms	THL=472 (75%) THL-FBK=.0513 V=-40V 5 frames 0.7ms	THL=407 (25%) THL-FBK=.0195 V=-20V ~3000 counts 5 frames 0.7ms	THL=372 (75%) THL-FBK=.0507 V=-20V ~1200 counts 5 frames 0.7ms
Scan size		Full**		Full	Quarter	Quarter	Quarter	Quarter
Data file		12437.dat		12441.dat	12443.dat	12444.dat	12447.dat	12448.dat
File		1stPixelScan_5aq_70ms_20V_THL440_3DP	R e c o r d e r y	4thPixelScan_5aq_70ms_40V_THL440_3DP_repeatX2	5thPixelScan_5aq_70ms_40V_THL407_Quarter_3DP	6thPixelScan_5aq_70ms_40V_THL472_Quarter_3DP	7thPixelScan_5aq_70ms_20V_THL407_Quarter_3DP	8thPixelScan_5aq_70ms_20V_THL472_Quarter_3DP
Num. files		5000 !!! (remove the last 50)		4803 !!! (2 datafiles missed)	1445	1445	1445	1445
Matrix size		30x33 (cyr)		31x31	17x17	17x17	17x17	17x17
Day		3		3	3	3	3	3

**Full: Not an square: rectangular shape scanned of 75.0×82.5 μm², step size=2.5 μm

Full: scan size of 77.5×77.5 μm², step size=2.5 μm

Quarter: scan ¼ of a pixel 42.5×42.5 μm², step size=2.5 μm

	THL	1 st exp (126,133)	2 nd exp (126,133)			3 rd exp (126,133)
I03- W0047_Planar N_MXR Half a column dead	407 Noise centroid 318 15keV Cal (Hand scan)	THL=363 (50%) V=100V ~6000 counts 5 frames 0.7ms	THL=385(25%) THL-FBK=0.055 V=100V 5 frames 0.7ms			THL=340 (75%) THL-FBK=0.098 V=100V 5 frames 0.7ms
Scan size		Full	Quarter			Quarter
Data file		12455.dat	12457.dat	12460.dat***	12461.dat***	12459.dat
File		1stPixelScan_5aq_70ms_100V_THL363_full_PlanarN	2ndPixelScan_5aq_70ms_100V_THL385_Quarter_PlanarN	5thPixelScan_5aq_70ms_100V_THL385_Quarter_PlanarN_3rows	6thPixelScan_5aq_70ms_100V_THL385_Quarter_PlanarN_3columns	4thPixelScan_5aq_70ms_100V_THL340_Quarter_PlanarN_repeat
Num. files		4805	1445	340 (extra rows)	360 (extra columns)	1445
Matrix size		31x31	17x17	4x17 (cxr)	18x4 (cxr)	17x17
Day		4	4			4

*** Additional rows and columns for the file “2ndPixelScan_5aq_70ms_100V_THL385_Quarter_PlanarN”

Full: scan size of $77.5 \times 77.5 \mu\text{m}^2$, step size= $2.5 \mu\text{m}$

Quarter: scan $\frac{1}{4}$ of a pixel $42.5 \times 42.5 \mu\text{m}^2$, step size= $2.5 \mu\text{m}$