

ePix10k (no.27)

Identification Details and Hardware Changelog

Firmware	CarrierID0	CarrierID1	DigitalCardID0	DigitalCardID1	AnalogCardID0	AnalogCardID1	Date
3791912962	0169813761	2634022934	1663404124	0003153025	2400372737	3489660952	

Performance Measures

Pedestal Summary

Method: Dark environment, nominal operation, collect 1000 frames @120Hz. Generate per-pixel mean and standard deviation over 1000 frames. Pixels more than 3 sigma out of detector-wide mean are flagged bad (non-conforming pixels aka NCP).

Gain Mode	Mean Pedestal Value (ADU)	Number of NCP	Pixels Map, Histogram
FH			Graphs
FM			Graphs
FL			Graphs
AHL			Graphs
AML			Graphs

Noise Summary

Gain Mode	Variation (ADU)	Number of NCP	Pixels Map, Histogram
FH			Graphs
FM			Graphs
FL			Graphs
AHL			Graphs
AML			Graphs

Bad Pixel Map

Map all pixels with a non-zero bad status bit, which is defined [here](#).

Configuration Settings:

Experiment History:

Experiment	Hutch	Shifts	Date Deployed	Notes
L-10313	XPP	2	2/26	Exp canceled due to power outages.
L-10053	CXI	5	Early April 2024	