ePix10k Q.1

Identification Details and Hardware Changelog

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