

# ePix10k Q.4

## 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 |
|------------|-------|--------|---------------|
|            |       |        |               |