

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 62523 - L2 Version 3

Chandra X-Ray Center

L2 Processing Date : Sep 23 2010

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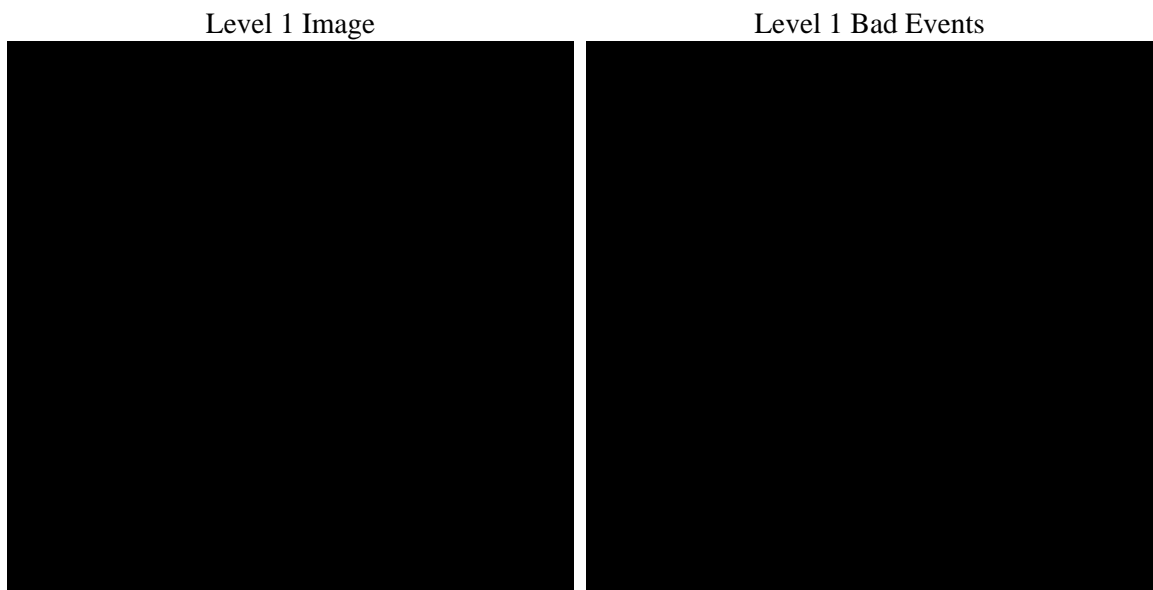
1 Front

| | | |
|----------|---|---|
| seq_num | | Sequence number |
| obs_id | 62523 | Observation id |
| title | ACIS-012367 diagnostics | Proposal title |
| observer | CHANDRA engineering request/realtime commanding | Principal investig |
| object | | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 0.0 | Observer's specified target RA |
| dec_targ | 0.0 | Observer's specified target Dec |
| ra_nom | 119.99409585281 | Nominal RA |
| dec_nom | -66.595165512224 | Nominal Dec |
| roll_nom | 122.89650610817 | Nominal Roll |
| revision | 3 | Processing version of data |
| ontime | 283.76432634145 | Sum of GTIs [s] |
| livetime | 280.27867877271 | Livetime [s] |
| ontime0 | 283.7999997437 | Sum of GTIs [s] |
| ontime1 | 283.7999997437 | Sum of GTIs [s] |
| ontime2 | 283.7999997437 | Sum of GTIs [s] |
| ontime3 | 283.7999997437 | Sum of GTIs [s] |
| ontime6 | 283.7999997437 | Sum of GTIs [s] |
| ontime7 | 283.76432634145 | Sum of GTIs [s] |
| l2events | 0 | Number of level 2 events |

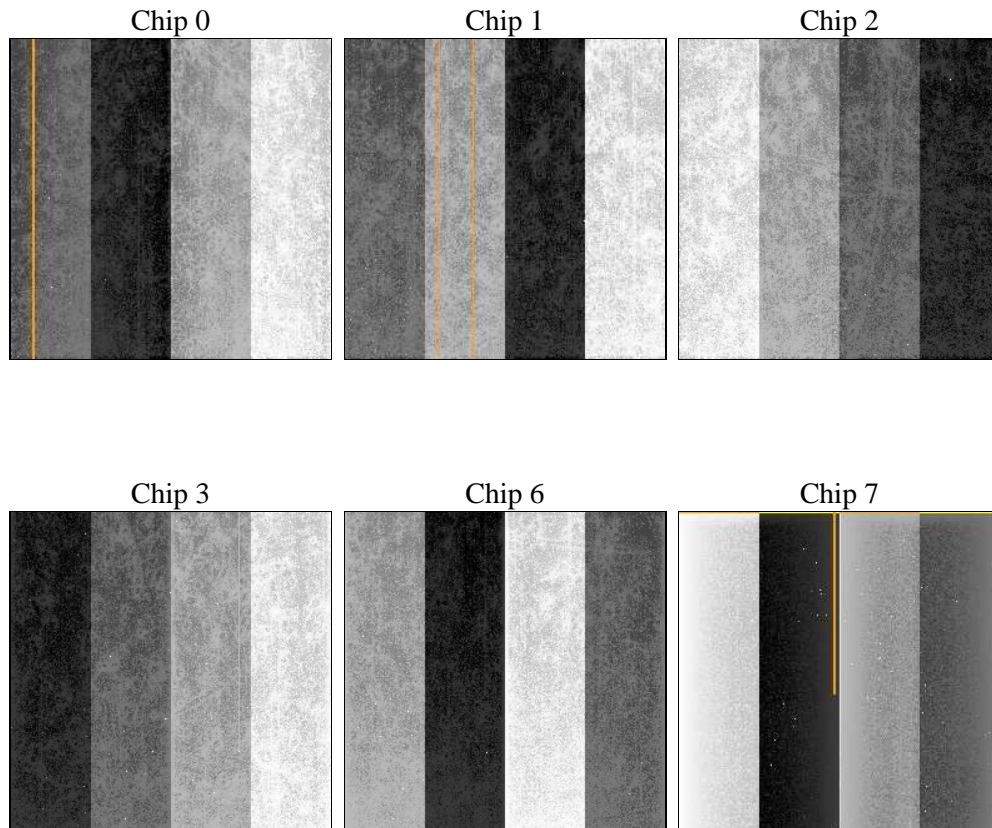
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

| | | |
|----------|---------------------|--------------------------------|
| obi_num | 0 | Obi number |
| ascdsver | 8.3.2.1 | ASCDS version number |
| caldbver | 4.3.1 | |
| date | 2010-09-23T17:00:29 | Date and time of file creation |
| revision | 1 | Processing version of data |

| | | |
|----------------|-----------------|-------------------------------------|
| sched_exp_time | 0.0 | Scheduled observation exposure time |
| ontime | 283.76432634145 | Sum of GTIs [s] |
| ontime0 | 283.7999997437 | Sum of GTIs [s] |
| ontime1 | 283.7999997437 | Sum of GTIs [s] |
| ontime2 | 283.7999997437 | Sum of GTIs [s] |
| ontime3 | 283.7999997437 | Sum of GTIs [s] |
| ontime6 | 283.7999997437 | Sum of GTIs [s] |
| ontime7 | 283.76432634145 | Sum of GTIs [s] |
| l1events | 0 | Number of level 1 events |

2.1.4 Events

| | ccd 0 | ccd 1 | ccd 2 | ccd 3 | ccd 6 | ccd 7 |
|-----------------|----------|----------|----------|----------|----------|----------|
| level 1 events | 0 | 0 | 0 | 0 | 0 | 0 |
| rejected events | 0 | 0 | 0 | 0 | 0 | 0 |
| rejected % | 0% | 0% | 0% | 0% | 0% | 0% |

| | ccd 0 | ccd 1 | ccd 2 | ccd 3 | ccd 6 | ccd 7 |
|----------------|----------|----------|----------|----------|----------|----------|
| grade 0 events | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0% | 0% | 0% | 0% | 0% | 0% |
| grade 1 events | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0% | 0% | 0% | 0% | 0% | 0% |
| grade 2 events | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0% | 0% | 0% | 0% | 0% | 0% |
| grade 3 events | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0% | 0% | 0% | 0% | 0% | 0% |
| grade 4 events | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0% | 0% | 0% | 0% | 0% | 0% |
| grade 5 events | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0% | 0% | 0% | 0% | 0% | 0% |
| grade 6 events | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0% | 0% | 0% | 0% | 0% | 0% |
| grade 7 events | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0% | 0% | 0% | 0% | 0% | 0% |

2.2 Compared Parameters

| Parameter | Planned | Actual | Parameter | Planned | Actual |
|-----------------------------------|---------------------|----------------------|---------------------------------|-----------|---------|
| Instrument | ACIS | ACIS | Obspar format version number | 6 | 6 |
| Detector | ACIS-012367 | ACIS-012367 | Obspar file type | PREDICTED | ACTUAL |
| Grating | NONE | NONE | Obspar update status | NONE | UPDATED |
| Data mode | FAINT | FAINT | On-chip summing requested | N | N |
| Observation mode | SECONDARY | SECONDARY | Subarray requested | NONE | NONE |
| Pointing RA | 0 | 119.9940958528139 | Alternating exposures requested | N | N |
| Pointing Dec | 0 | -66.595165512224 | Primary exposure time | 0.000000 | 3.3 |
| Pointing Roll | 0.0 | 122.8965061081653 | | | |
| SIM focus pos (mm) | -0.782348 | -0.7809083437167272 | | | |
| SIM defocus (mm) | 0 | 0.7524282956875696 | | | |
| SIM translation stage pos (mm) | -233.592463 | 250.466033080201 | | | |
| SIM translation stage offset (mm) | 0 | -0.01005468664627074 | | | |
| Observation start time | 54109777.6 | 54109776.831491 | | | |
| Observation start date | 1999-09-19T06:29:38 | 1999-09-19T06:29:36 | | | |
| Observation end time | 54111878.85 | 54111878.081567 | | | |
| Observation end date | 1999-09-19T07:04:39 | 1999-09-19T07:04:38 | | | |
| Read mode | TIMED | TIMED | | | |

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

| | |
|----------------------------|------------------|
| V&V Scientist | Joy Nichols |
| V&V Date (YYYY-MM-DD) | 2010.10.01 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 0.28376432634145 |

A.2 Comments

Short dark current +/- 5V during ACIS bakeout. There are no level 1 or level 2 events.