

# V&V Reference Report

## L2 ASCDS Version : 7.6.7

Observation 59674 - L2 Version 002  
Chandra X-Ray Center

L2 Processing Date: Mar 2 2006

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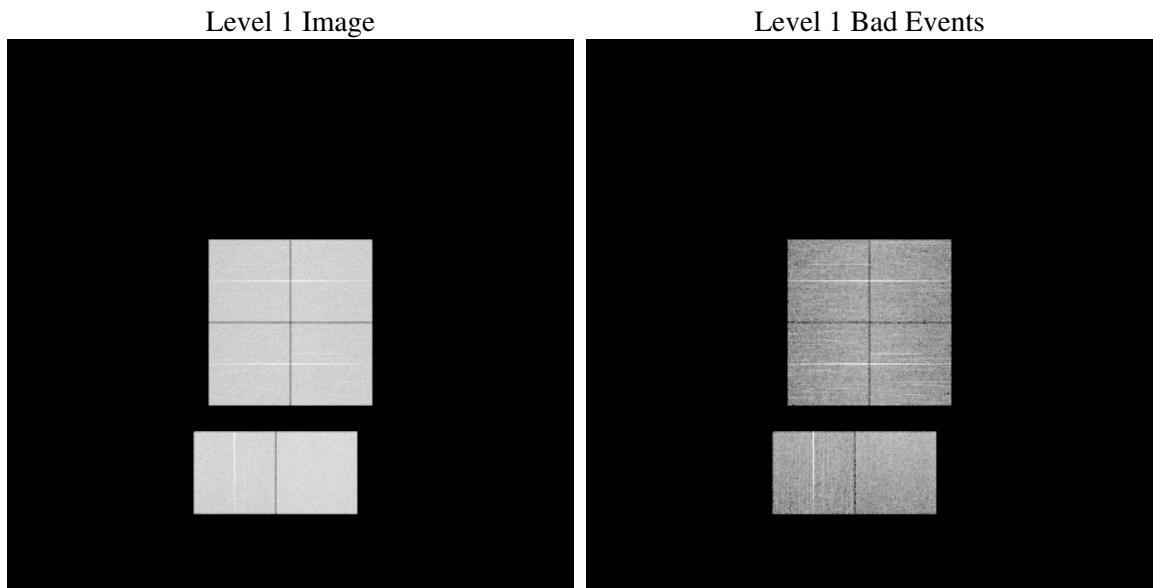
# 1 Front

seq_num	&#160
obs_id	59674
title	ACIS-012367 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	&#160
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	353.99649196471
dec_nom	53.028548697821
roll_nom	61.341291828478
revision	2
ontime	11793.874407232
livetime	11644.533268069
ontime0	10296.592000842
ontime1	10730.921490431
ontime2	10079.527649552
ontime3	10315.955463797
ontime6	10922.177078694
ontime7	11793.874407232
l2events	1572944

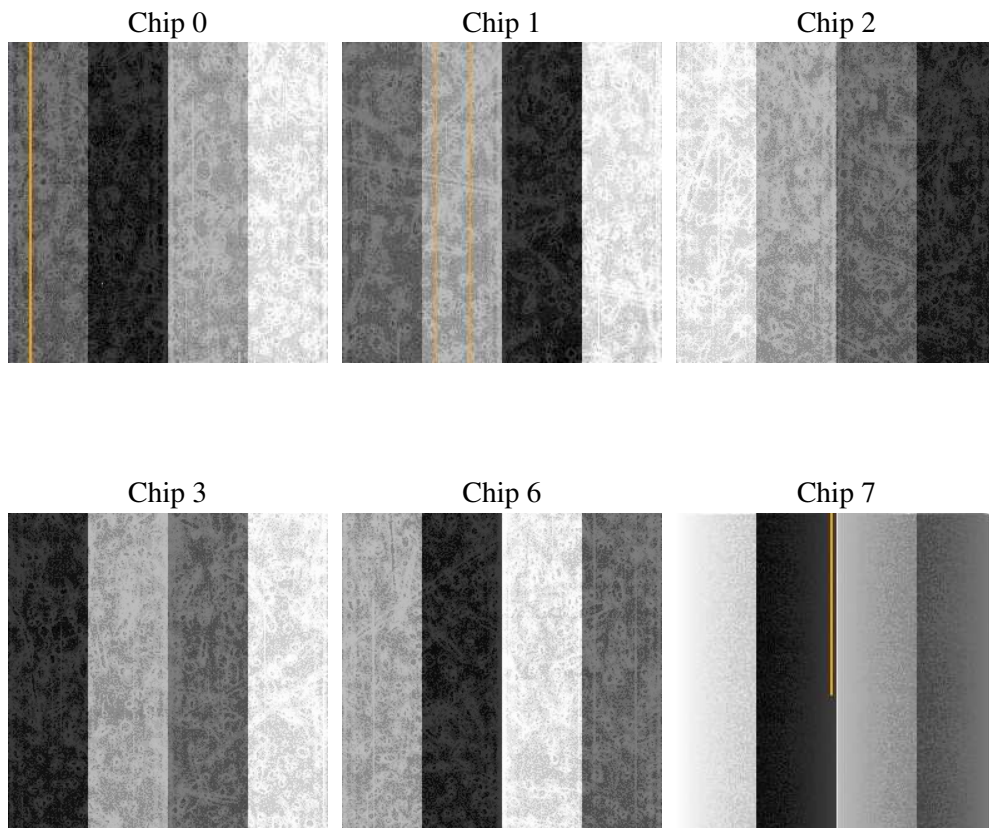
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-03-02T16:49:16
revision	2

sched_exp_time	0.0
ontime	11793.995486856
ontime0	10296.672040462
ontime1	10730.960490048
ontime2	10079.527649552
ontime3	10316.117583424
ontime6	10922.177078694
ontime7	11793.995486856
l1events	2115775

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	329400	343642	327762	339944	369565	405462
rejected events	71563	73235	73451	77296	80835	86093
rejected %	21%	21%	22%	22%	21%	21%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	140656	146782	141274	146381	155223	55001
	42%	42%	43%	43%	42%	13%
grade 1 events	865	806	916	956	825	162
	0%	0%	0%	0%	0%	0%
grade 2 events	44873	48070	43008	44495	50253	96466
	13%	13%	13%	13%	13%	23%
grade 3 events	16854	17235	16879	17136	17908	22690
	5%	5%	5%	5%	4%	5%
grade 4 events	16694	17205	16734	17317	17733	22342
	5%	5%	5%	5%	4%	5%
grade 5 events	4351	4872	4231	4851	5149	10247
	1%	1%	1%	1%	1%	2%
grade 6 events	38760	41115	36416	37319	47613	122870
	11%	11%	11%	10%	12%	30%
grade 7 events	66347	67557	68304	71489	74861	75684
	20%	19%	20%	21%	20%	18%

## 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	353.9964919647088	Alternating exposures requested	N	N
Pointing Dec	0	53.02854869782139	Primary exposure time	3.2	3.2
Pointing Roll	0.0	61.34129182847764			
SIM focus pos (mm)	-0.782348	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	231418243.712326	231418242.68732			
Observation start date	2005-05-02T10:50:44	2005-05-02T10:50:42			
Observation end time	231432366.16297	231432365.13796			
Observation end date	2005-05-02T14:46:06	2005-05-02T14:46:05			
Read mode	TIMED	TIMED			

## 2.3 Aspect



## 2.4 Star Slots

## 2.5 FID Slots



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.7938744

### A.2 Comments