

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 62829 - L2 Version 002  
Chandra X-Ray Center

L2 Processing Date : Mar 19 2006

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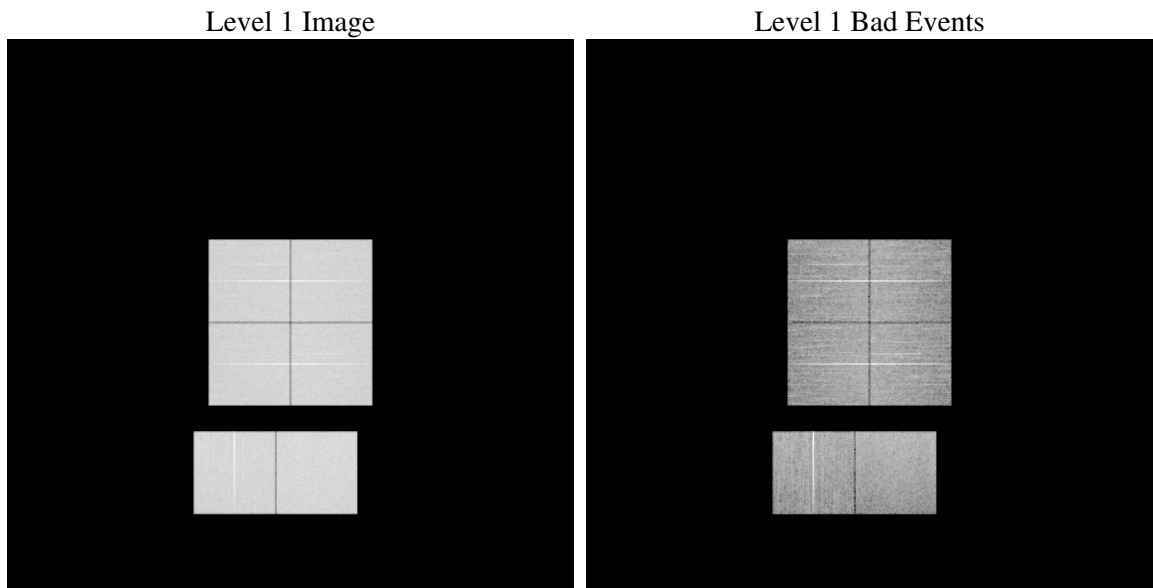
# 1 Front

seq_num	&#160
obs_id	62829
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	266.4169654135
dec_nom	-29.012437115507
roll_nom	274.72052574551
revision	2
ontime	15273.511825889
livetime	15080.109422545
ontime0	15108.262841433
ontime1	15257.389044225
ontime2	14709.704456091
ontime3	15049.843335479
ontime6	15273.599943101
ontime7	15273.511825889
l2events	2007198

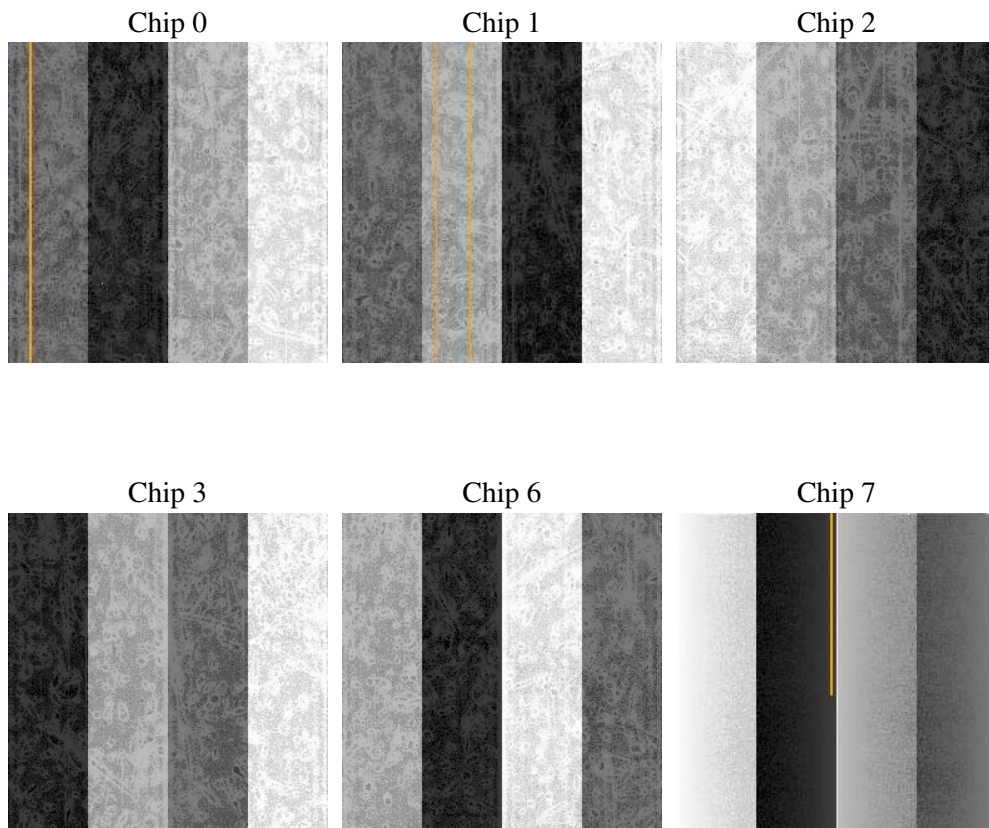
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-19T12:35:23
revision	2

sched_exp_time	0.0
ontime	15274.85689944
ontime0	15109.566874981
ontime1	15258.65203777
ontime2	14710.926409632
ontime3	15051.229449034
ontime6	15274.85689944
ontime7	15274.85689944
l1events	2712382

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	438415	443573	435944	446923	467802	479725
rejected events	95910	97030	97690	101197	104258	105062
rejected %	21%	21%	22%	22%	22%	21%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	188291	188458	188461	194136	196510	62226
	42%	42%	43%	43%	42%	12%
grade 1 events	1052	976	1159	1081	991	173
	0%	0%	0%	0%	0%	0%
grade 2 events	59960	62034	57463	58666	62736	113809
	13%	13%	13%	13%	13%	23%
grade 3 events	22237	22516	22157	22485	22956	26148
	5%	5%	5%	5%	4%	5%
grade 4 events	22240	22212	22227	22533	22823	26205
	5%	5%	5%	5%	4%	5%
grade 5 events	6114	6381	5664	6482	6765	12321
	1%	1%	1%	1%	1%	2%
grade 6 events	49777	51323	47946	47906	58519	146275
	11%	11%	10%	10%	12%	30%
grade 7 events	88744	89673	90867	93634	96502	92568
	20%	20%	20%	20%	20%	19%

## 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	266.4169654135043	Alternating exposures requested	N	N
Pointing Dec	0	-29.01243711550711	Primary exposure time	3.2	3.2
Pointing Roll	0.0	274.720525745515			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-233.592463	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	239405626.27704	239405625.25205			
Observation start date	2005-08-02T21:33:46	2005-08-02T21:33:45			
Observation end time	239432464.878268	239432463.85327			
Observation end date	2005-08-03T05:01:05	2005-08-03T05:01:03			
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)	2006.03.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.2735118

### A.2 Comments