

# V&V Reference Report

## L2 ASCDS Version : 7.6.10

Observation 61364 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Jan 17 2007

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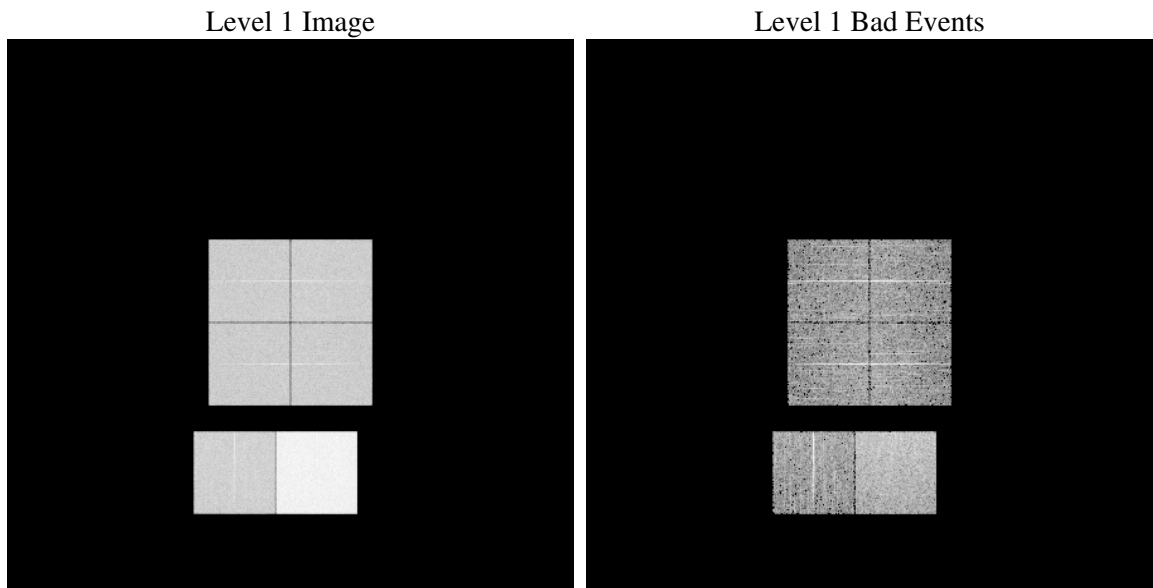
# 1 Front

seq_num	&#160
obs_id	61364
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	130.01894821085
dec_nom	-43.974830219436
roll_nom	28.804620848209
revision	2
ontime	8278.4000077099
livetime	8173.5739221582
ontime0	3159.6541646868
ontime1	3263.4078365266
ontime2	3066.9066601247
ontime3	3073.3894679844
ontime6	3342.393794179
ontime7	8278.4000077099
l2events	1315918

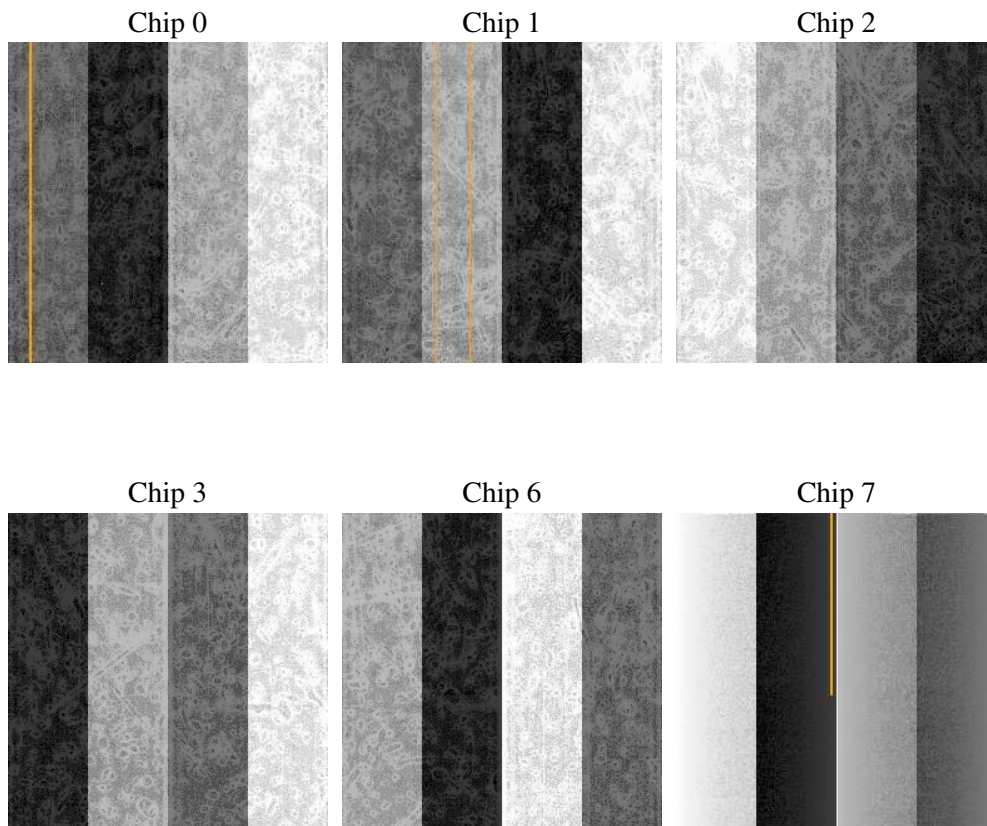
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.10
caldsver	3.3.0
date	2007-01-17T05:48:25
revision	2

sched_exp_time	0.0
ontime	8278.4000077099
ontime0	3159.6541646868
ontime1	3263.4078365266
ontime2	3066.9066601247
ontime3	3073.3894679844
ontime6	3342.393794179
ontime7	8278.4000077099
l1events	1540414

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	198382	204097	195577	196785	220805	524768
rejected events	23964	23562	24312	24756	27036	46411
rejected %	12%	11%	12%	12%	12%	8%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	96133	99828	95501	96194	105682	121601
	48%	48%	48%	48%	47%	23%
grade 1 events	503	510	491	513	540	328
	0%	0%	0%	0%	0%	0%
grade 2 events	30727	31514	29793	30424	33510	105875
	15%	15%	15%	15%	15%	20%
grade 3 events	11132	11577	10943	10762	12075	48707
	5%	5%	5%	5%	5%	9%
grade 4 events	11075	11444	10826	10995	11949	48099
	5%	5%	5%	5%	5%	9%
grade 5 events	1688	1775	1611	1713	1869	9320
	0%	0%	0%	0%	0%	1%
grade 6 events	25702	26376	24574	24224	31107	155062
	12%	12%	12%	12%	14%	29%
grade 7 events	21422	21073	21838	21960	24073	35776
	10%	10%	11%	11%	10%	6%

## 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	130.0189482108549	Alternating exposures requested	N	N
Pointing Dec	0	-43.97483021943565	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	28.80462084820888			
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	126138488.139	126138487.37065			
Observation start date	2001-12-30T22:28:08	2001-12-30T22:28:07			
Observation end time	126159797.89	126159797.1215			
Observation end date	2001-12-31T04:23:18	2001-12-31T04:23:17			
Read mode	TIMED	TIMED			

## **2.3 Star Slots**

## **2.4 FID Slots**

## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.01.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2784

### A.2 Comments