

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 60917 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Oct 15 2006

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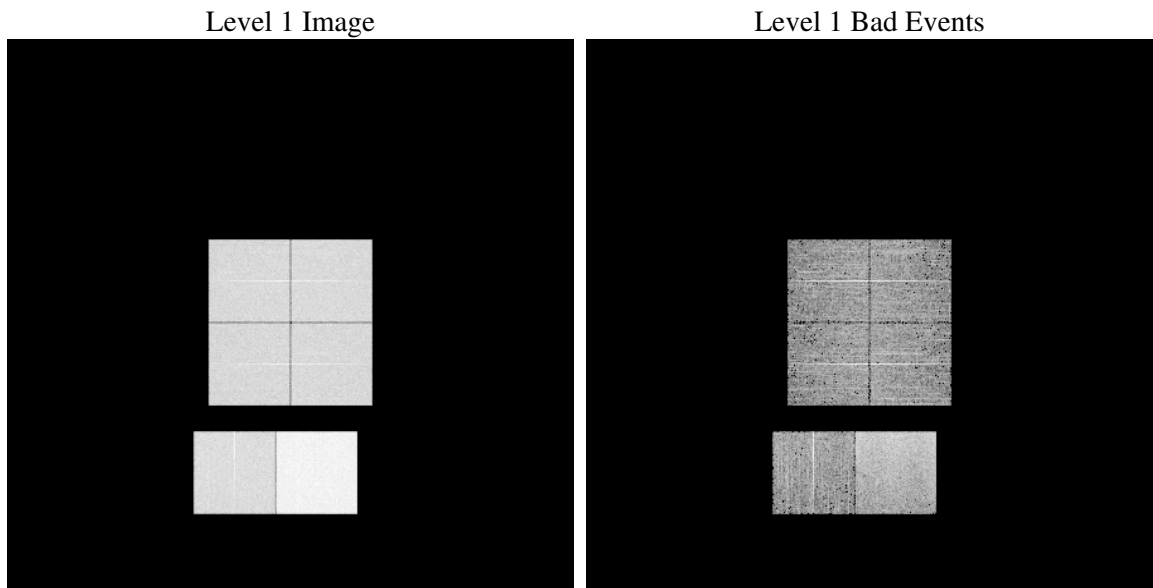
# 1 Front

seq_num	&#160
obs_id	60917
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	68.978589598851
dec_nom	2.2588492037408
roll_nom	324.83199845669
revision	2
ontime	8463.9741702676
livetime	8356.7982329303
ontime0	4409.5373412669
ontime1	4484.1348535717
ontime2	4218.4151154459
ontime3	4286.3110021651
ontime6	4613.719493717
ontime7	8463.9741702676
l2events	1285027

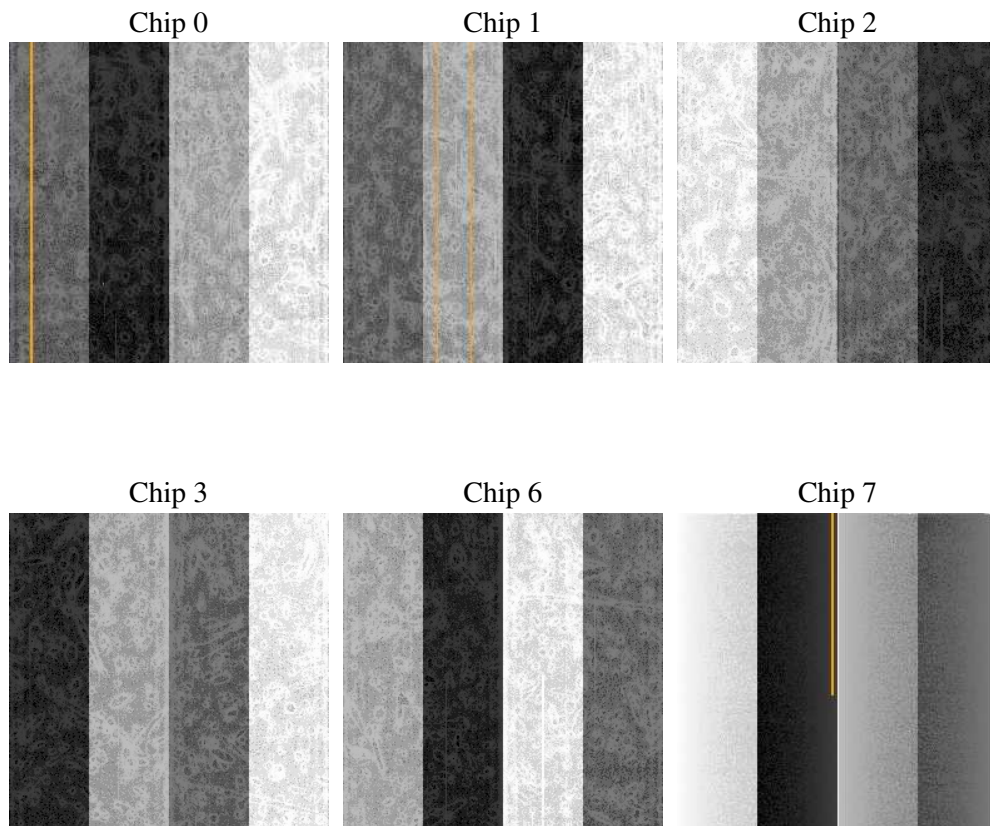
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-15T09:14:12
revision	2

sched_exp_time	0.0
ontime	8465.5039230883
ontime0	4411.041295886
ontime1	4485.5825263858
ontime2	4219.8217482567
ontime3	4287.8817949891
ontime6	4615.2234483361
ontime7	8465.5039230883
l1events	1549290

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	220129	224432	213964	218297	242237	430231
rejected events	28783	28835	28413	30201	31932	57282
rejected %	13%	12%	13%	13%	13%	13%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	105722	107696	103883	105919	114772	67674
	48%	47%	48%	48%	47%	15%
grade 1 events	618	530	572	609	528	158
	0%	0%	0%	0%	0%	0%
grade 2 events	33391	34770	31632	32110	35946	112000
	15%	15%	14%	14%	14%	26%
grade 3 events	12285	12113	12008	12083	13049	28156
	5%	5%	5%	5%	5%	6%
grade 4 events	12339	12385	11974	12232	13195	27243
	5%	5%	5%	5%	5%	6%
grade 5 events	1949	2051	1913	2044	2373	7410
	0%	0%	0%	0%	0%	1%
grade 6 events	27609	28633	26054	25752	33343	137876
	12%	12%	12%	11%	13%	32%
grade 7 events	26216	26254	25928	27548	29031	49714
	11%	11%	12%	12%	11%	11%

## 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	68.97858959885073	Alternating exposures requested	N	N
Pointing Dec	0	2.258849203740817	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	324.8319984566876			
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	156523526.090102	156523525.06537			
Observation start date	2002-12-17T14:45:26	2002-12-17T14:45:25			
Observation end time	156547597.191081	156547596.16637			
Observation end date	2002-12-17T21:26:37	2002-12-17T21:26:36			
Read mode	TIMED	TIMED			

## 2.3 Aspect



## **2.4 Star Slots**

## **2.5 FID Slots**



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.46397417

### A.2 Comments