

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 59628 - L2 Version 002  
Chandra X-Ray Center

L2 Processing Date : Mar 8 2006

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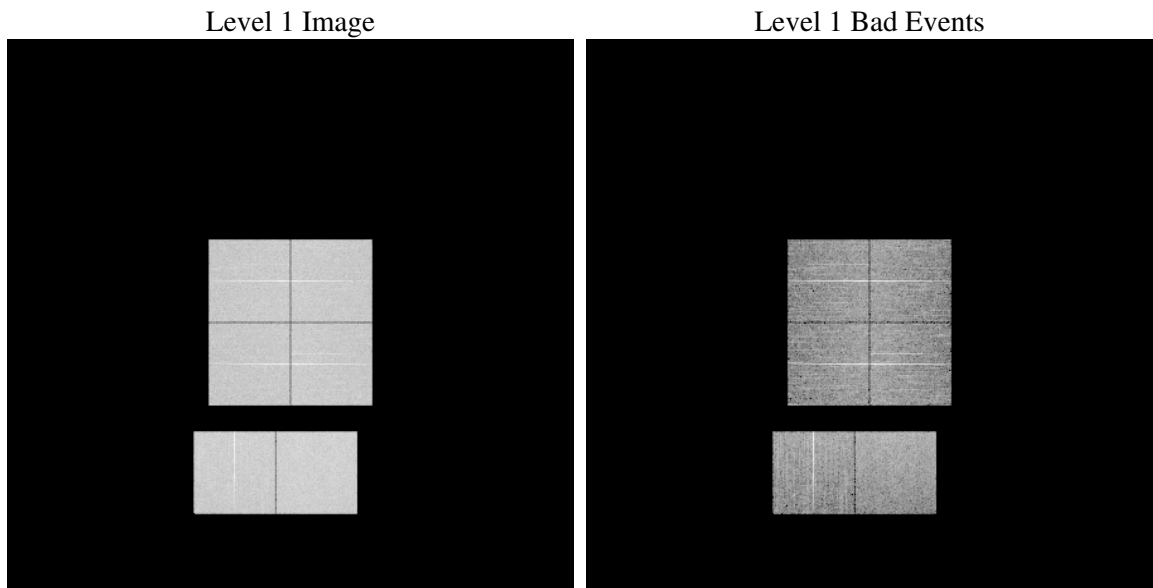
# 1 Front

seq_num	&#160
obs_id	59628
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	120.05906319111
dec_nom	63.987894915759
roll_nom	302.04570993581
revision	2
ontime	8278.1879856586
livetime	8173.3645848579
ontime0	7795.3264303505
ontime1	7912.0417719483
ontime2	7445.384798646
ontime3	7701.2565020919
ontime6	8155.1957841814
ontime7	8278.1879856586
l2events	1089544

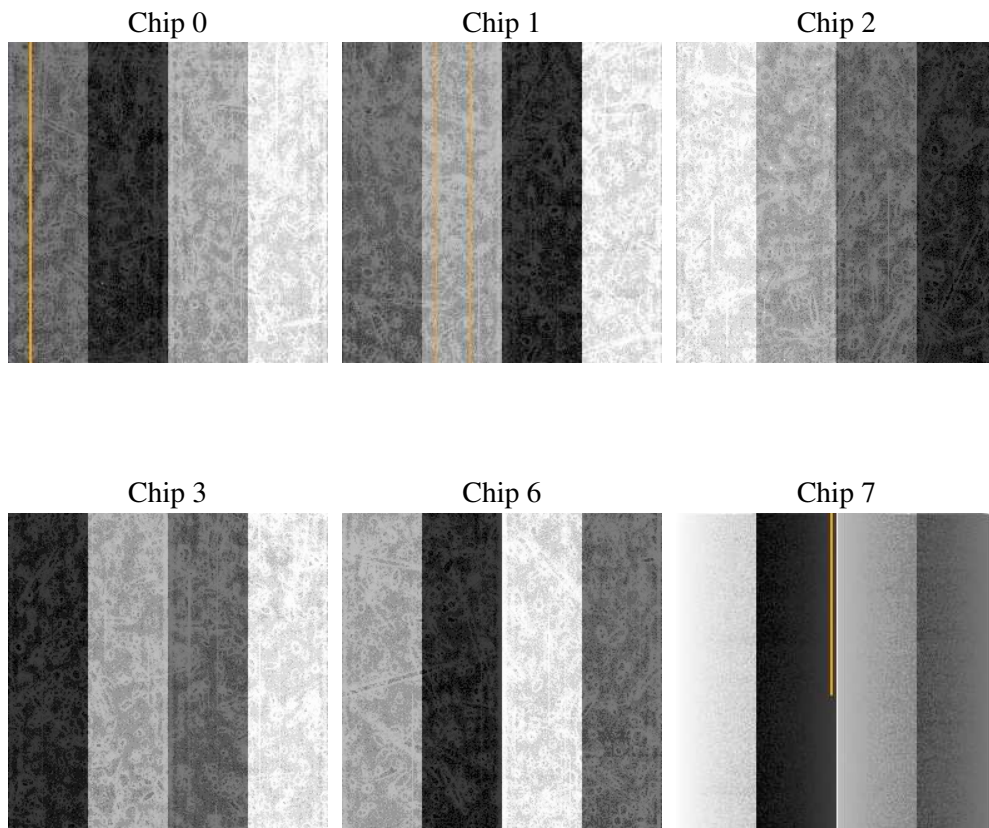
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-09T02:39:14
revision	2

sched_exp_time	0.0
ontime	8280.7510577142
ontime0	7797.8484624028
ontime1	7914.5227639973
ontime2	7447.8247506917
ontime3	7703.8606141508
ontime6	8157.5946962535
ontime7	8280.7510577142
l1events	1488068

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	237282	240867	231028	240847	262907	275137
rejected events	53269	53353	53873	57299	60650	63358
rejected %	22%	22%	23%	23%	23%	23%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	100870	101926	98841	102531	109297	33881
	42%	42%	42%	42%	41%	12%
grade 1 events	596	526	659	686	563	111
	0%	0%	0%	0%	0%	0%
grade 2 events	32036	33671	30054	31216	35081	64945
	13%	13%	13%	12%	13%	23%
grade 3 events	12151	12113	11753	12122	12551	14363
	5%	5%	5%	5%	4%	5%
grade 4 events	11919	11842	11481	12074	12744	14296
	5%	4%	4%	5%	4%	5%
grade 5 events	3363	3490	3207	3646	3778	7186
	1%	1%	1%	1%	1%	2%
grade 6 events	27128	28032	25109	25690	32662	84365
	11%	11%	10%	10%	12%	30%
grade 7 events	49219	49267	49924	52882	56231	55990
	20%	20%	21%	21%	21%	20%

## 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	120.0590631911116	Alternating exposures requested	N	N
Pointing Dec	0	63.98789491575935	Primary exposure time	3.2	3.2
Pointing Roll	0.0	302.0457099358071			
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	234434941.849773	234434940.82478			
Observation start date	2005-06-06T08:49:02	2005-06-06T08:49:00			
Observation end time	234457891.60082	234457890.57583			
Observation end date	2005-06-06T15:11:32	2005-06-06T15:11:30			
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)	2006.03.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.27818798

### A.2 Comments