

# V&V Reference Report

## L2 ASCDS Version : 7.6.8.1

Observation 61337 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Aug 29 2006

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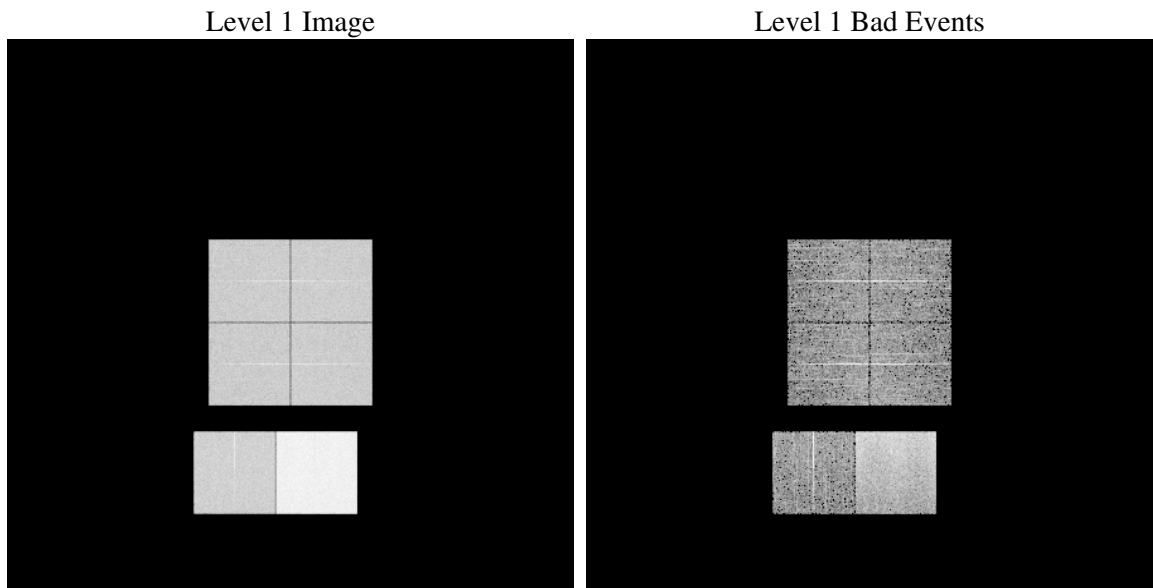
# 1 Front

seq_num	&#160
obs_id	61337
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	2.565970126782
dec_nom	12.556710983756
roll_nom	299.54993712354
revision	2
ontime	7624.7518213838
livetime	7528.2026227471
ontime0	2990.199479863
ontime1	3035.6143020988
ontime2	2863.8810201883
ontime3	2944.7427400798
ontime6	3204.2295748889
ontime7	7624.7518213838
l2events	1198350

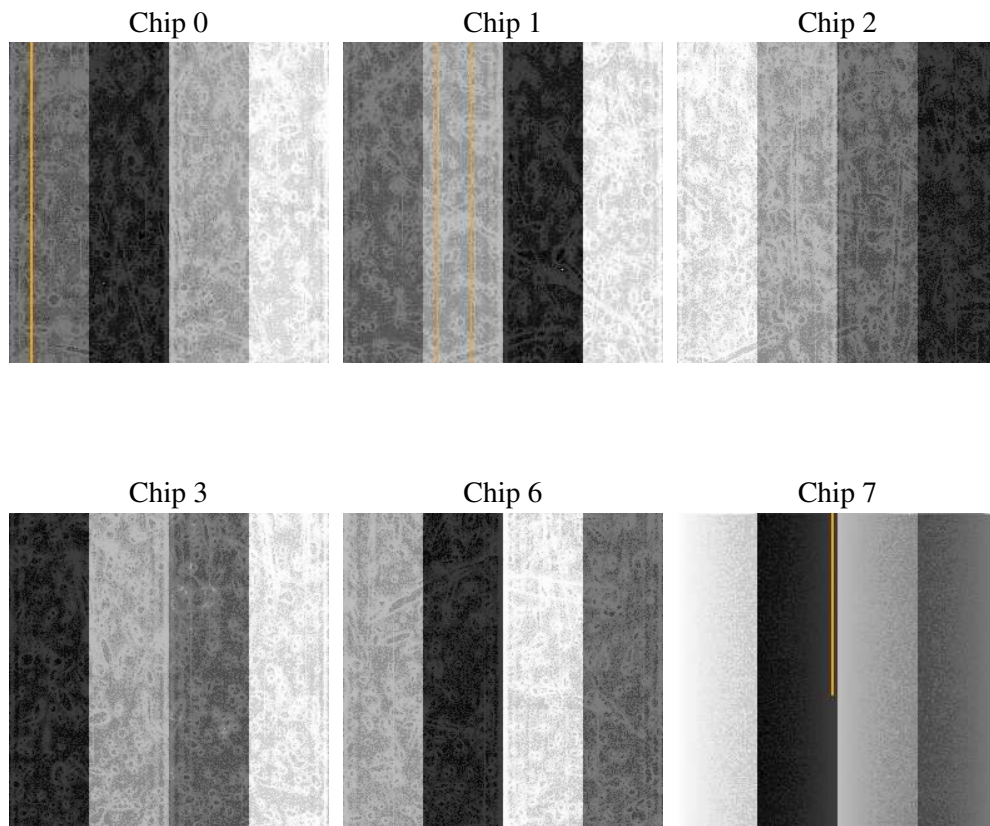
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-08-30T00:03:50
revision	2

sched_exp_time	0.0
ontime	7626.0693370551
ontime0	2991.475955531
ontime1	3036.8497377783
ontime2	2865.0754158646
ontime3	2946.1012957543
ontime6	3205.3829305619
ontime7	7626.0693370551
l1events	1415900

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	183853	187787	179559	184785	206389	473527
rejected events	21308	22293	22396	22505	23655	54977
rejected %	11%	11%	12%	12%	11%	11%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	89436	91194	87810	90566	99562	77916
	48%	48%	48%	49%	48%	16%
grade 1 events	434	475	457	459	505	161
	0%	0%	0%	0%	0%	0%
grade 2 events	28832	29476	27668	28581	31808	125698
	15%	15%	15%	15%	15%	26%
grade 3 events	10179	10316	10016	10245	11187	31732
	5%	5%	5%	5%	5%	6%
grade 4 events	10165	10569	9715	10268	11267	31566
	5%	5%	5%	5%	5%	6%
grade 5 events	1541	1571	1419	1525	1713	7529
	0%	0%	0%	0%	0%	1%
grade 6 events	23933	23939	21954	22620	28910	151638
	13%	12%	12%	12%	14%	32%
grade 7 events	19333	20247	20520	20521	21437	47287
	10%	10%	11%	11%	10%	9%

## 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	2.565970126782023	Alternating exposures requested	N	N
Pointing Dec	0	12.55671098375599	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	299.5499371235384			
SIM focus pos (mm)	-0.782348	-1.428180813131781			
SIM defocus (mm)	0	0.1051558262725154			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	128388594.88	128388594.11116			
Observation start date	2002-01-25T23:29:55	2002-01-25T23:29:54			
Observation end time	128419027.131	128419026.36238			
Observation end date	2002-01-26T07:57:07	2002-01-26T07:57:06			
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)	2006.08.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.62475182

### A.2 Comments

The ACIS focal plane temperature was above calibration limits for the last three ksec of the observation.