

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 61712 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Nov 7 2006

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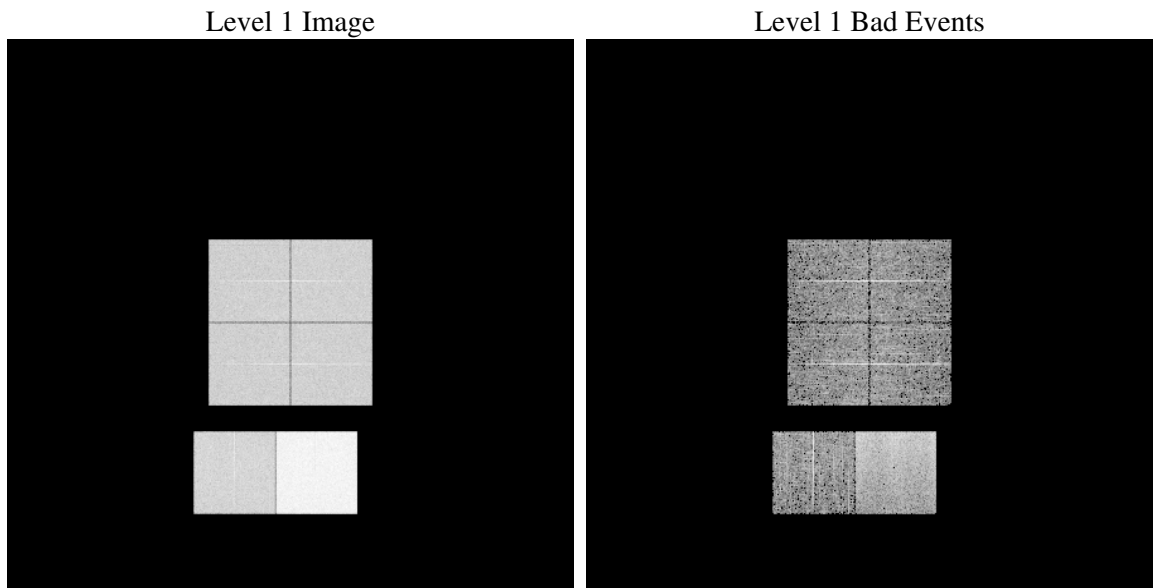
# 1 Front

seq_num	&#160
obs_id	61712
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	150.04022037734
dec_nom	-44.996166084721
roll_nom	335.00991574649
revision	2
ontime	6167.601926595
livetime	6089.5040373164
ontime0	2440.5036858171
ontime1	2505.3652862757
ontime2	2369.2831151932
ontime3	2395.046936214
ontime6	2641.5705675483
ontime7	6167.601926595
l2events	1217766

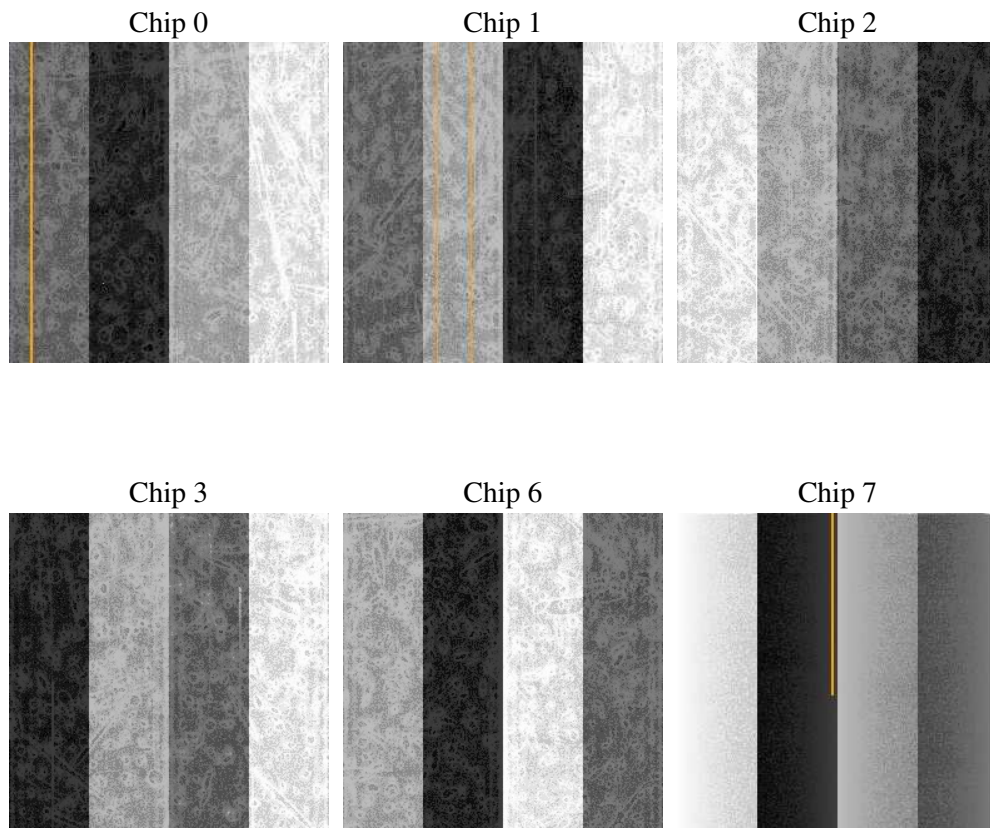
## 2 OBI

### 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	2006-11-08T02:25:11
revision	2

sched_exp_time	0.0
ontime	6170.8812615871
ontime0	2443.741980806
ontime1	2508.5625412762
ontime2	2372.4393301904
ontime3	2398.3673112094
ontime6	2644.6857425421
ontime7	6170.8812615871
l1events	1417923

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	184629	189622	182579	185033	210394	465666
rejected events	19609	19896	20290	20330	22338	45957
rejected %	10%	10%	11%	10%	10%	9%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	91021	93494	90676	91682	102697	81261
	49%	49%	49%	49%	48%	17%
grade 1 events	496	498	493	475	514	199
	0%	0%	0%	0%	0%	0%
grade 2 events	29073	30218	28611	29119	32885	123816
	15%	15%	15%	15%	15%	26%
grade 3 events	10586	10621	10315	10456	11532	32777
	5%	5%	5%	5%	5%	7%
grade 4 events	10478	10886	10094	10639	11608	32607
	5%	5%	5%	5%	5%	7%
grade 5 events	1390	1553	1340	1422	1660	6743
	0%	0%	0%	0%	0%	1%
grade 6 events	24071	24741	22799	23016	29581	149471
	13%	13%	12%	12%	14%	32%
grade 7 events	17514	17611	18251	18224	19917	38792
	9%	9%	9%	9%	9%	8%

## 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	150.0402203773437	Alternating exposures requested	N	N
Pointing Dec	0	-44.99616608472148	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	335.0099157464879			
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	100511092.731	100511091.9627			
Observation start date	2001-03-09T07:44:53	2001-03-09T07:44:51			
Observation end time	100522839.232	100522838.46315			
Observation end date	2001-03-09T11:00:39	2001-03-09T11:00:38			
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)	2006.11.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.16760192

### A.2 Comments