

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 61110 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Sep 26 2006

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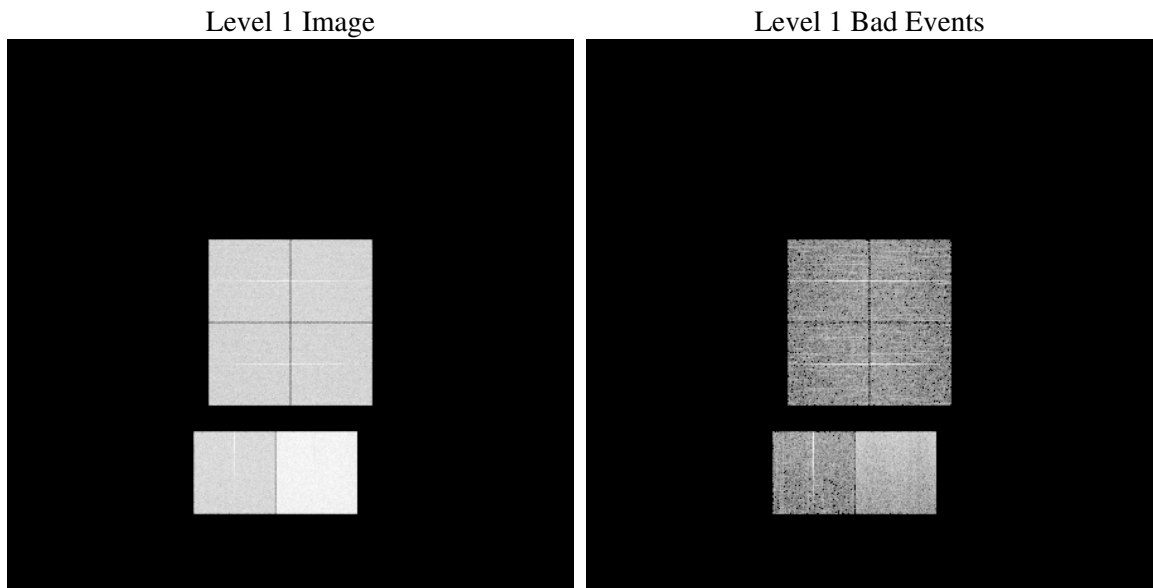
# 1 Front

seq_num	&#160
obs_id	61110
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	211.00659497923
dec_nom	11.972137561205
roll_nom	250.19549085141
revision	2
ontime	7795.1999709606
livetime	7696.4924552224
ontime0	3544.0641712248
ontime1	3618.6489711702
ontime2	3382.0957258344
ontime3	3513.8760872483
ontime6	3805.5661789775
ontime7	7795.1999709606
l2events	1204582

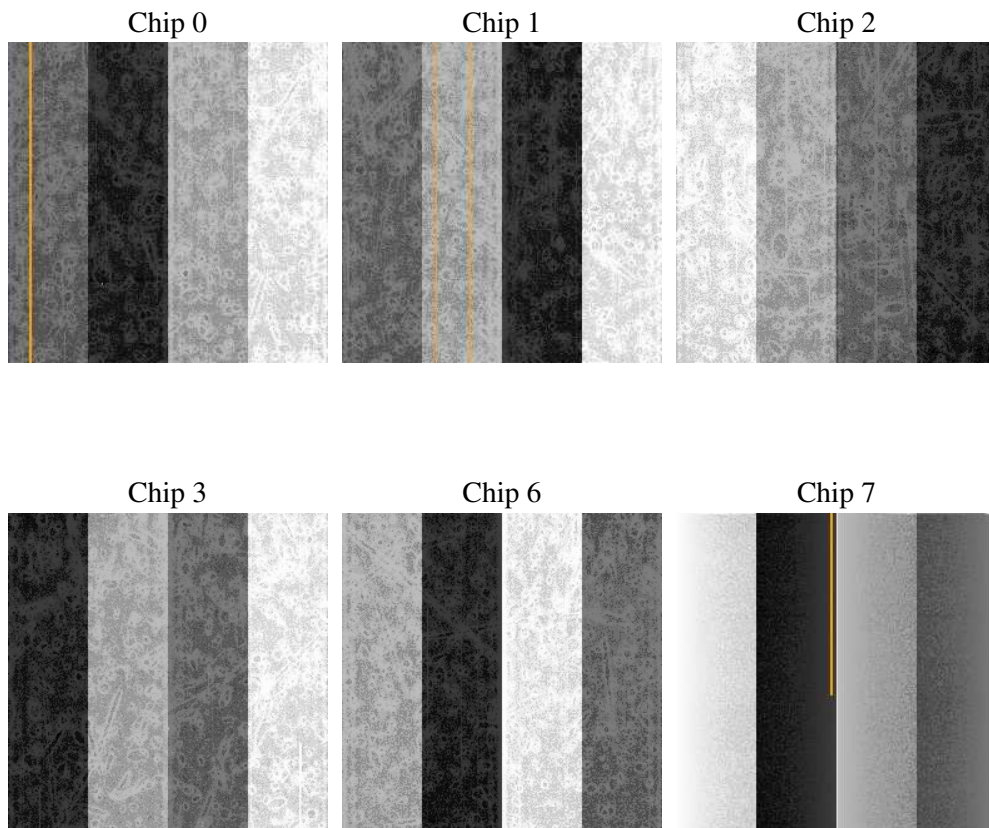
## 2 OBI

### 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	2006-09-26T21:02:00
revision	2

sched_exp_time	0.0
ontime	7797.8448403478
ontime0	3545.6892609
ontime1	3620.2330208421
ontime2	3383.638735503
ontime3	3516.5209566355
ontime6	3808.2110483646
ontime7	7797.8448403478
l1events	1436766

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	195407	199428	189605	195825	220172	436329
rejected events	24623	25118	24888	24488	26480	54034
rejected %	12%	12%	13%	12%	12%	12%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	93989	96033	91284	95674	105368	71553
	48%	48%	48%	48%	47%	16%
grade 1 events	479	455	475	525	487	164
	0%	0%	0%	0%	0%	0%
grade 2 events	30037	31015	29458	30088	33711	114824
	15%	15%	15%	15%	15%	26%
grade 3 events	10962	11028	10364	10880	12009	29042
	5%	5%	5%	5%	5%	6%
grade 4 events	11086	11213	10344	10955	11964	28803
	5%	5%	5%	5%	5%	6%
grade 5 events	1742	1725	1547	1795	1999	7340
	0%	0%	0%	0%	0%	1%
grade 6 events	24867	25021	23267	23888	30640	138228
	12%	12%	12%	12%	13%	31%
grade 7 events	22245	22938	22866	22020	23994	46375
	11%	11%	12%	11%	10%	10%

## 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	211.0065949792316	Alternating exposures requested	N	N
Pointing Dec	0	11.97213756120471	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	250.1954908514141			
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	143692270.109	143692269.08383			
Observation start date	2002-07-22T02:31:10	2002-07-22T02:31:09			
Observation end time	143728419.81	143728418.78532			
Observation end date	2002-07-22T12:33:40	2002-07-22T12:33:38			
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)	2006.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.79519997

### A.2 Comments