

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.2

Observation 60238 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : May 18 2006

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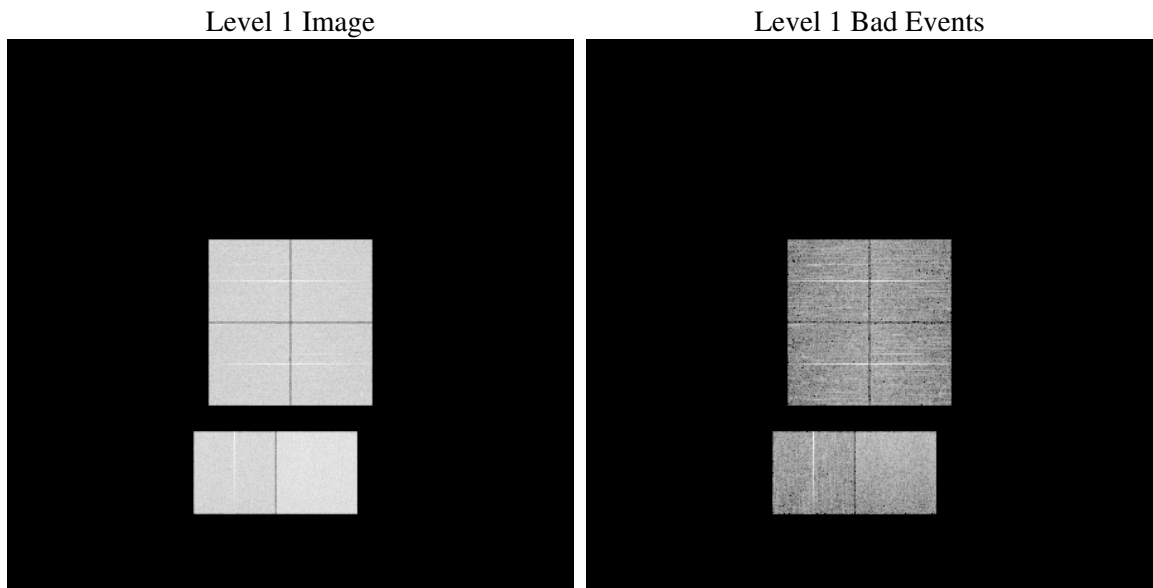
# 1 Front

seq_num	&#160
obs_id	60238
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	263.98341918785
dec_nom	-21.975901307625
roll_nom	89.662083755773
revision	2
ontime	8461.525398314
livetime	8354.3804688016
ontime0	6241.4980149269
ontime1	6332.2860343158
ontime2	6055.9544098675
ontime3	6127.9811274409
ontime6	6580.9930039346
ontime7	8461.525398314
l2events	1191585

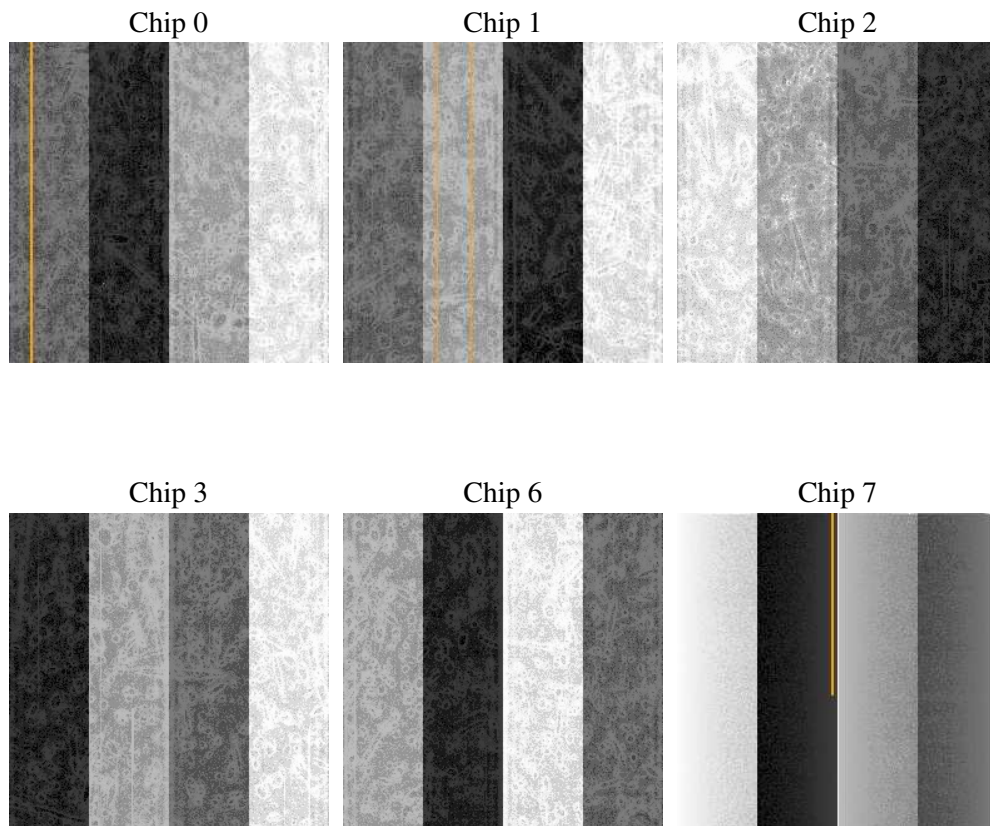
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-05-19T02:46:19
revision	2

sched_exp_time	0.0
ontime	8462.2677733898
ontime0	6242.1993499994
ontime1	6332.946329385
ontime2	6057.4632348716
ontime3	6128.76454252
ontime6	6582.5018289387
ontime7	8462.2677733898
l1events	1533464

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	234497	237230	230991	235717	259439	335590
rejected events	43247	43310	42614	45633	47489	61118
rejected %	18%	18%	18%	19%	18%	18%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	105253	105822	105086	106980	115163	47715
	44%	44%	45%	45%	44%	14%
grade 1 events	606	525	628	634	600	144
	0%	0%	0%	0%	0%	0%
grade 2 events	33202	34310	32025	32481	36616	82609
	14%	14%	13%	13%	14%	24%
grade 3 events	12460	12360	12387	12247	13324	20080
	5%	5%	5%	5%	5%	5%
grade 4 events	12369	12515	12278	12353	13292	19638
	5%	5%	5%	5%	5%	5%
grade 5 events	2834	2920	2697	2990	3245	7556
	1%	1%	1%	1%	1%	2%
grade 6 events	27966	28913	26601	26023	33555	104430
	11%	12%	11%	11%	12%	31%
grade 7 events	39807	39865	39289	42009	43644	53418
	16%	16%	17%	17%	16%	15%

## 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	263.9834191878507	Alternating exposures requested	N	N
Pointing Dec	0	-21.97590130762531	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	89.66208375577281			
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	200620284.631569	200620283.60658			
Observation start date	2004-05-10T23:51:25	2004-05-10T23:51:23			
Observation end time	200641594.382508	200641593.35752			
Observation end date	2004-05-11T05:46:34	2004-05-11T05:46:33			
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)	2006.05.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.46152539

### A.2 Comments