

# V&V Reference Report

## L2 ASCDS Version : 7.6.10

Observation 61397 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Jan 21 2007

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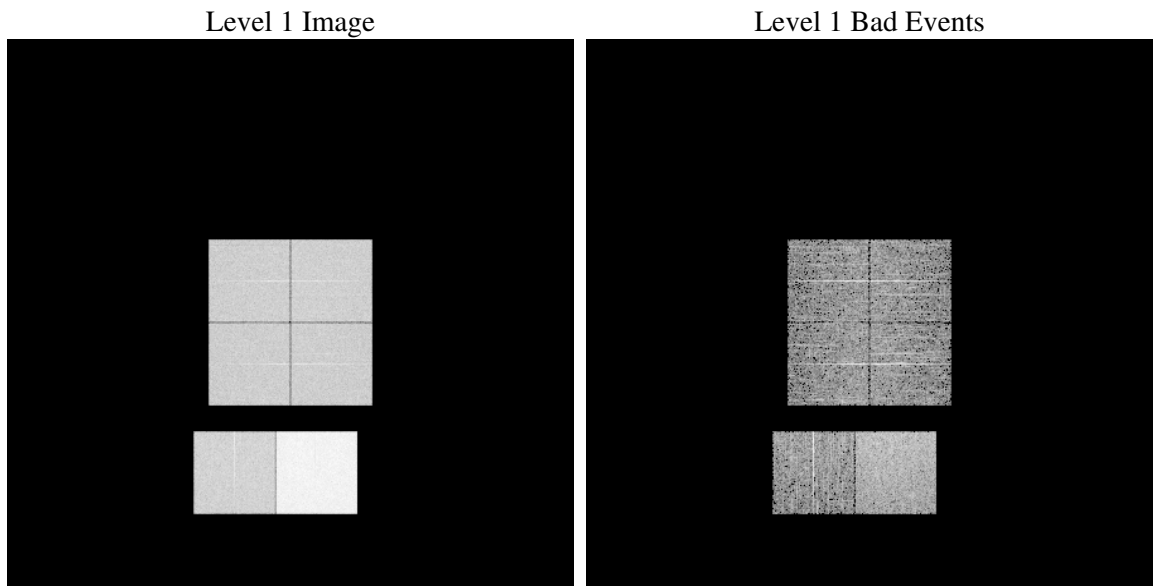
# 1 Front

seq_num	&#160
obs_id	61397
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	299.06129692313
dec_nom	62.993278589016
roll_nom	313.62472203844
revision	2
ontime	7407.649179846
livetime	7313.84906558
ontime0	2909.2145378143
ontime1	2993.5229165405
ontime2	2812.0659261346
ontime3	2785.9738450497
ontime6	3081.1122092009
ontime7	7407.649179846
l2events	1219775

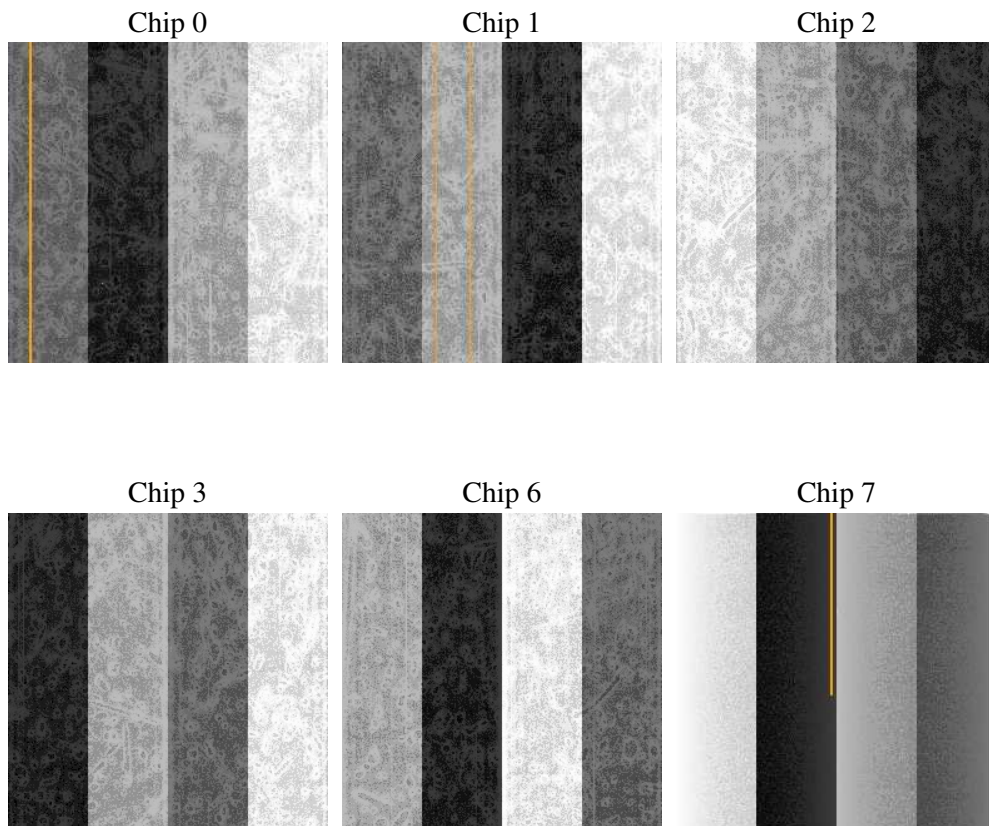
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.10
caldsver	3.3.0
date	2007-01-20T15:58:20
revision	2

sched_exp_time	0.0
ontime	7407.649179846
ontime0	2909.2145378143
ontime1	2993.5229165405
ontime2	2812.0659261346
ontime3	2785.9738450497
ontime6	3081.1122092009
ontime7	7407.649179846
l1events	1418180

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	184417	189419	180766	181713	206090	475775
rejected events	20456	20966	20986	21693	23495	39834
rejected %	11%	11%	11%	11%	11%	8%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	90206	92934	88778	89591	99540	110800
	48%	49%	49%	49%	48%	23%
grade 1 events	487	463	450	465	472	306
	0%	0%	0%	0%	0%	0%
grade 2 events	29157	29836	27968	27904	31804	96668
	15%	15%	15%	15%	15%	20%
grade 3 events	10403	10533	10181	9876	11378	44701
	5%	5%	5%	5%	5%	9%
grade 4 events	10373	10712	10215	10248	11171	44190
	5%	5%	5%	5%	5%	9%
grade 5 events	1453	1468	1443	1470	1737	8147
	0%	0%	0%	0%	0%	1%
grade 6 events	23822	24438	22638	22401	28702	139582
	12%	12%	12%	12%	13%	29%
grade 7 events	18516	19035	19093	19758	21286	31381
	10%	10%	10%	10%	10%	6%

## 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	299.0612969231343	Alternating exposures requested	N	N
Pointing Dec	0	62.99327858901589	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	313.6247220384428			
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	123588831.287	123588830.51849			
Observation start date	2001-12-01T10:13:51	2001-12-01T10:13:50			
Observation end time	123625382.788	123625382.01996			
Observation end date	2001-12-01T20:23:03	2001-12-01T20:23:02			
Read mode	TIMED	TIMED			

## **2.3 Star Slots**

## **2.4 FID Slots**

## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.40764917

### A.2 Comments