

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.2

Observation 60300 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : May 27 2006

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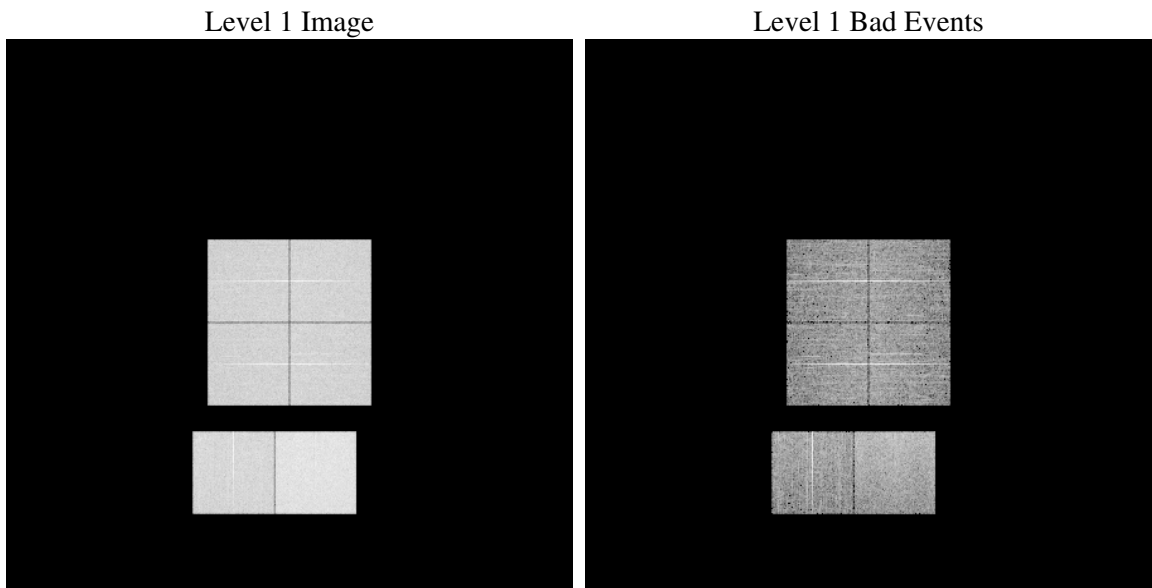
# 1 Front

seq_num	&#160
obs_id	60300
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	319.99641165399
dec_nom	47.028465507586
roll_nom	62.086177662249
revision	2
ontime	7801.5999709368
livetime	7702.8114145452
ontime0	5506.994577229
ontime1	5613.9471244812
ontime2	5302.8140281141
ontime3	5432.4528009593
ontime6	5824.6102595031
ontime7	7801.5999709368
l2events	1113909

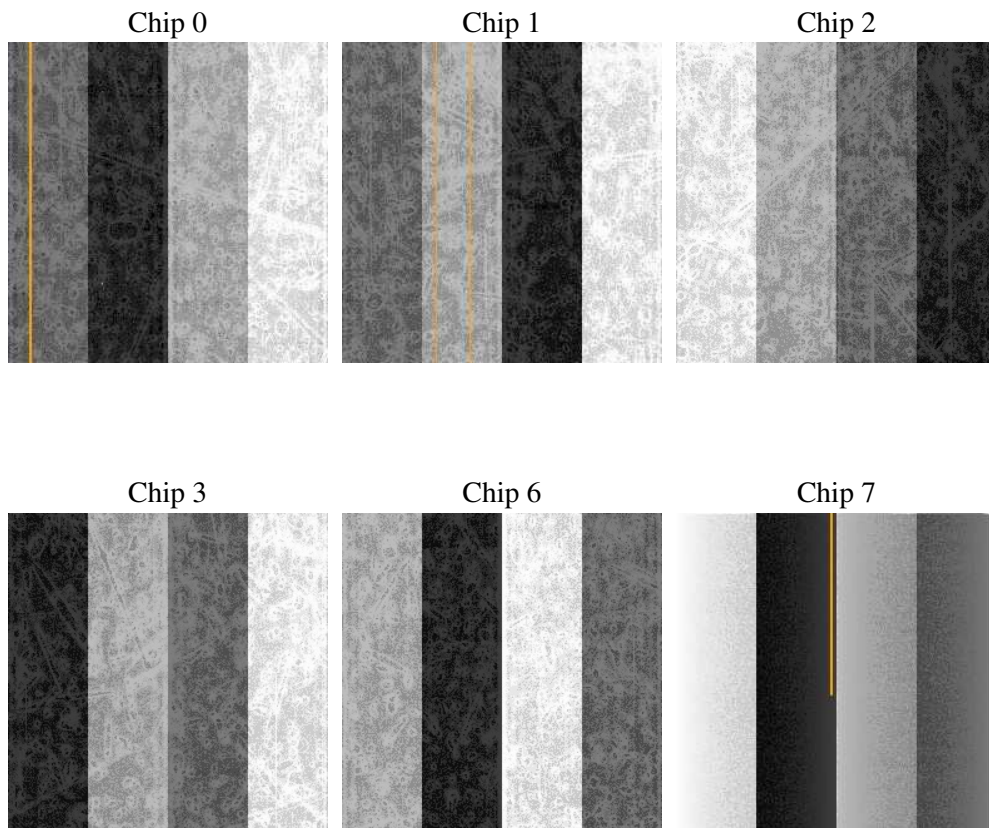
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-05-27T15:01:37
revision	2

sched_exp_time	0.0
ontime	7804.3322426677
ontime0	5509.7268489599
ontime1	5616.6793962121
ontime2	5305.546299845
ontime3	5435.185379684
ontime6	5827.342531234
ontime7	7804.3322426677
l1events	1416979

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	213826	218898	210472	216934	238796	318053
rejected events	36753	38033	37892	39735	41861	54930
rejected %	17%	17%	18%	18%	17%	17%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	97415	99080	96855	99585	106713	47289
	45%	45%	46%	45%	44%	14%
grade 1 events	559	516	550	641	509	127
	0%	0%	0%	0%	0%	0%
grade 2 events	31076	32161	29051	30303	34256	78808
	14%	14%	13%	13%	14%	24%
grade 3 events	11428	11589	11244	11566	12291	19252
	5%	5%	5%	5%	5%	6%
grade 4 events	11417	11483	11144	11642	12252	19098
	5%	5%	5%	5%	5%	6%
grade 5 events	2449	2612	2333	2676	2884	6912
	1%	1%	1%	1%	1%	2%
grade 6 events	25844	26657	24408	24221	31518	98775
	12%	12%	11%	11%	13%	31%
grade 7 events	33638	34800	34887	36300	38373	47792
	15%	15%	16%	16%	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	319.9964116539866	Alternating exposures requested	N	N
Pointing Dec	0	47.02846550758605	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	62.08617766224906			
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	197157299.429073	197157298.40405			
Observation start date	2004-03-31T21:54:59	2004-03-31T21:54:58			
Observation end time	197172330.029734	197172329.00471			
Observation end date	2004-04-01T02:05:30	2004-04-01T02:05:29			
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)	2006.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.80159997

### A.2 Comments