

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 60068 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Apr 19 2006

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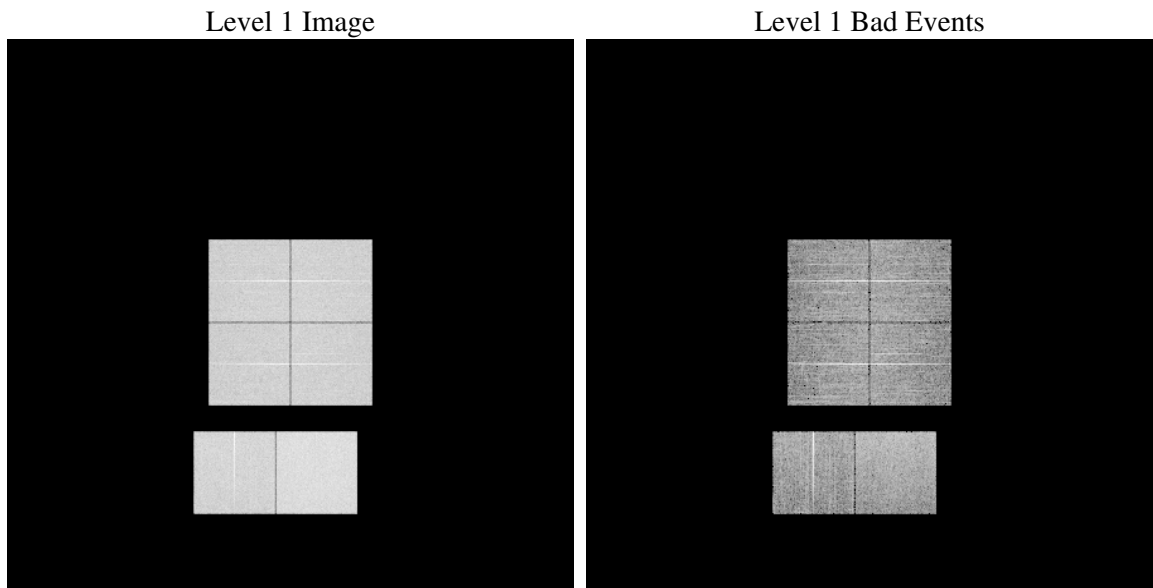
# 1 Front

seq_num	&#160
obs_id	60068
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	322.01617415136
dec_nom	-8.023673992246
roll_nom	271.21383195877
revision	2
ontime	8278.3999691606
livetime	8173.573884097
ontime0	6499.1054419577
ontime1	6606.0576801896
ontime2	6191.2128258049
ontime3	6392.1531932652
ontime6	6881.5406143069
ontime7	8278.3999691606
l2events	1139635

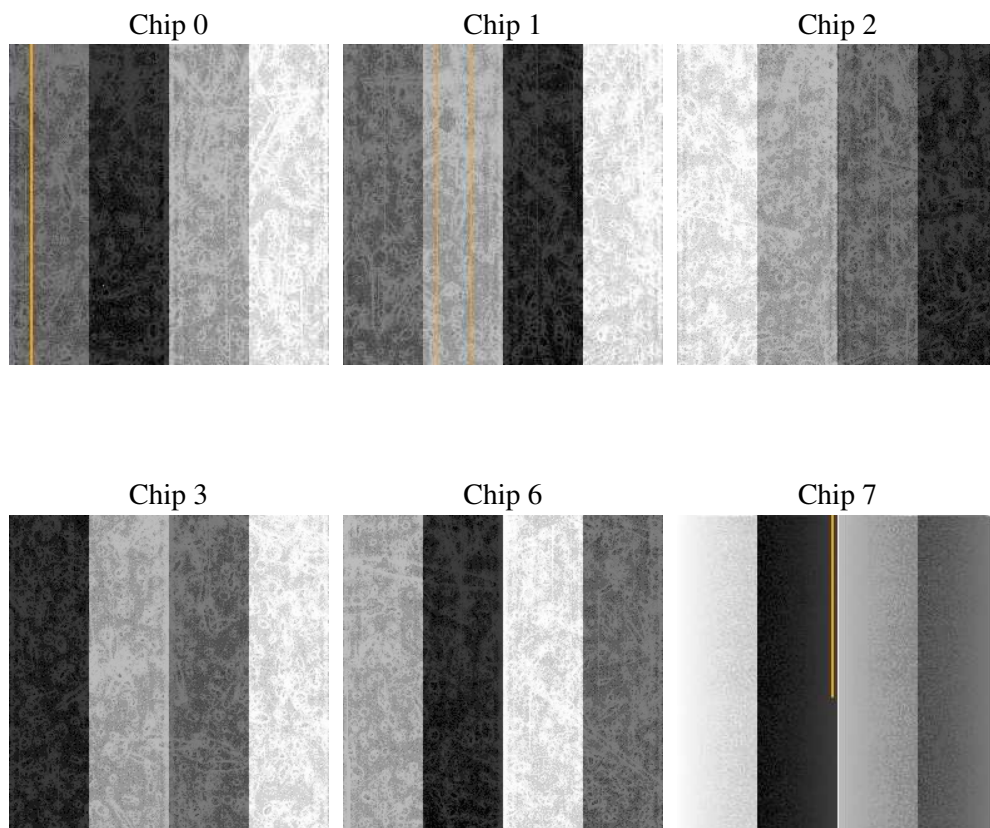
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-19T19:12:54
revision	2

sched_exp_time	0.0
ontime	8280.7690788209
ontime0	6501.4745516181
ontime1	6608.42678985
ontime2	6193.5819354653
ontime3	6394.5223029256
ontime6	6883.9097239673
ontime7	8280.7690788209
l1events	1499384

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	232757	238547	226045	232162	257402	312471
rejected events	46603	48634	47033	46922	51200	62494
rejected %	20%	20%	20%	20%	19%	19%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	102311	103789	99948	103472	111711	41942
	43%	43%	44%	44%	43%	13%
grade 1 events	631	551	667	634	598	122
	0%	0%	0%	0%	0%	0%
grade 2 events	32459	33955	30271	31681	35474	75725
	13%	14%	13%	13%	13%	24%
grade 3 events	12269	12261	11732	12199	13108	17746
	5%	5%	5%	5%	5%	5%
grade 4 events	12073	12035	11682	12175	12670	17268
	5%	5%	5%	5%	4%	5%
grade 5 events	2964	3248	2728	3018	3381	7477
	1%	1%	1%	1%	1%	2%
grade 6 events	27145	27873	25379	25808	33239	97395
	11%	11%	11%	11%	12%	31%
grade 7 events	42905	44835	43638	43175	47221	54796
	18%	18%	19%	18%	18%	17%

## 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	322.016174151363	Alternating exposures requested	N	N
Pointing Dec	0	-8.023673992246007	Primary exposure time	3.2	3.2
Pointing Roll	0.0	271.2138319587741			
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	210672950.02744	210672949.00243			
Observation start date	2004-09-04T08:15:50	2004-09-04T08:15:49			
Observation end time	210694259.778391	210694258.75338			
Observation end date	2004-09-04T14:11:00	2004-09-04T14:10:58			
Read mode	TIMED	TIMED			

## 2.3 Aspect



## 2.4 Star Slots

## 2.5 FID Slots



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.27839996

### A.2 Comments