

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.2

Observation 62841 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Apr 28 2006

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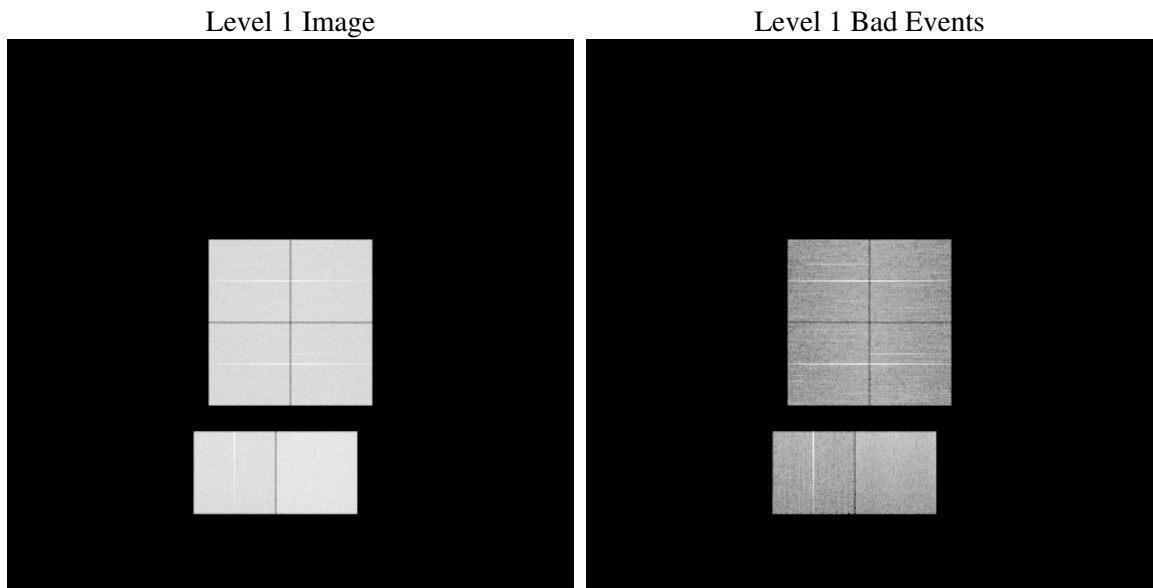
# 1 Front

seq_num	&#160
obs_id	62841
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	329.16008641507
dec_nom	-4.7774110525629
roll_nom	127.06584797923
revision	2
ontime	22907.127764553
livetime	22617.063919782
ontime0	18243.407923996
ontime1	18544.860019714
ontime2	17549.921645164
ontime3	17763.661106169
ontime6	19384.353896201
ontime7	22907.127764553
l2events	3242032

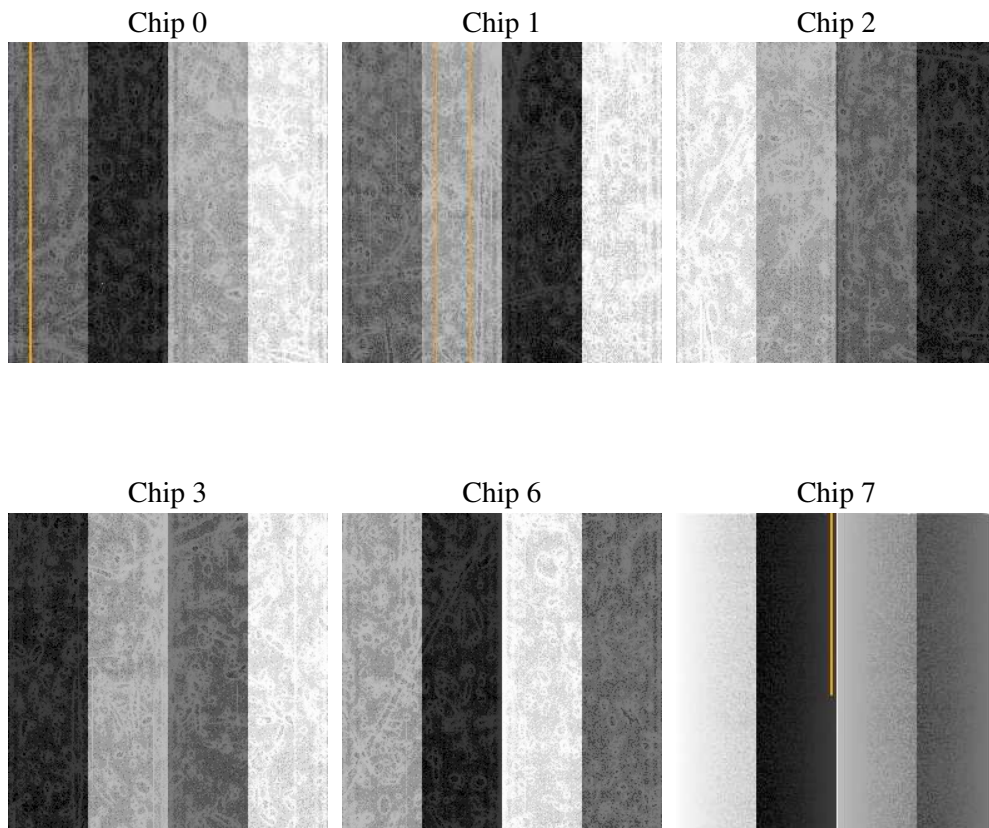
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-04-28T12:03:03
revision	2

sched_exp_time	0.0
ontime	22907.423308402
ontime0	18243.662427843
ontime1	18545.073483557
ontime2	17550.094069004
ontime3	17763.997690022
ontime6	19384.485280067
ontime7	22907.423308402
l1events	4094566

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	635096	648259	624892	636356	711321	838642
rejected events	104101	105958	107639	111069	117585	145801
rejected %	16%	16%	17%	17%	16%	17%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	292416	296898	289704	295466	322626	119364
	46%	45%	46%	46%	45%	14%
grade 1 events	1573	1380	1615	1686	1517	313
	0%	0%	0%	0%	0%	0%
grade 2 events	92989	96744	87880	89374	102508	210810
	14%	14%	14%	14%	14%	25%
grade 3 events	34572	34616	33846	34054	36976	49674
	5%	5%	5%	5%	5%	5%
grade 4 events	34018	34677	33411	34337	37209	48984
	5%	5%	5%	5%	5%	5%
grade 5 events	7150	7302	6664	7533	8350	17797
	1%	1%	1%	1%	1%	2%
grade 6 events	77000	79366	72412	72056	94417	264009
	12%	12%	11%	11%	13%	31%
grade 7 events	95378	97276	99360	101850	107718	127691
	15%	15%	15%	16%	15%	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	329.1600864150678	Alternating exposures requested	N	N
Pointing Dec	0	-4.77741105256287	Primary exposure time	3.2	3.2
Pointing Roll	0.0	127.0658479792347			
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	207326183.428496	207326182.40349			
Observation start date	2004-07-27T14:36:23	2004-07-27T14:36:22			
Observation end time	207351066.329602	207351065.3046			
Observation end date	2004-07-27T21:31:06	2004-07-27T21:31:05			
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)	2006.04.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	22.9071277

### A.2 Comments