

# V&V Reference Report

## L2 ASCDS Version : 7.6.8.1

Observation 61342 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Aug 29 2006

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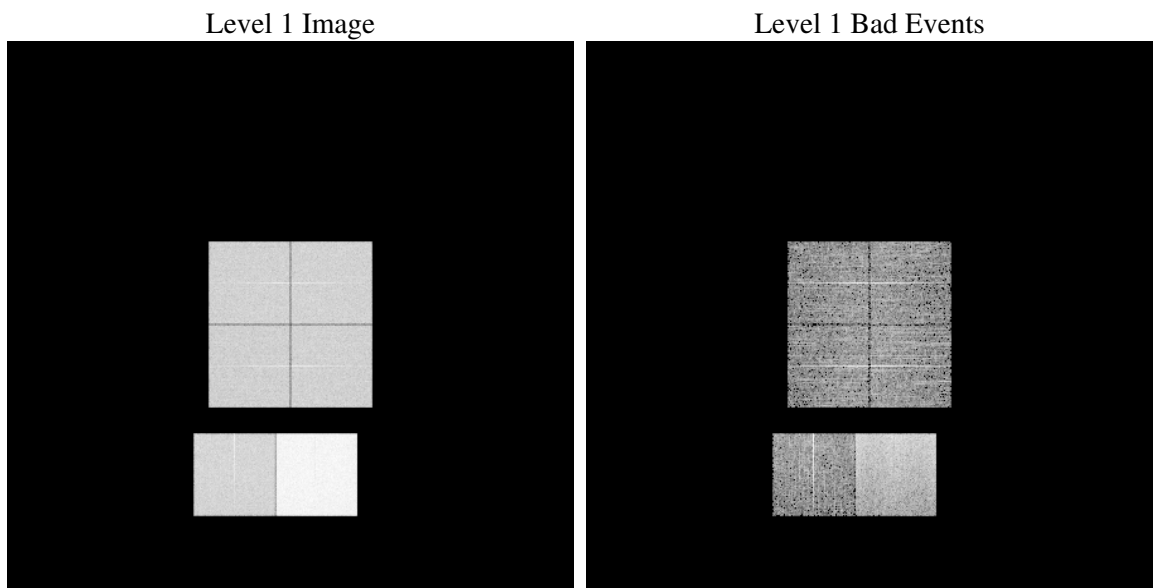
# 1 Front

seq_num	&#160
obs_id	61342
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	168.51450659138
dec_nom	71.609573834486
roll_nom	127.72188796737
revision	2
ontime	8296.591506362
livetime	8191.5350691008
ontime0	3328.2127619386
ontime1	3360.6643213481
ontime2	3101.4229392558
ontime3	3172.5617786795
ontime6	3480.6641932279
ontime7	8296.591506362
l2events	1304267

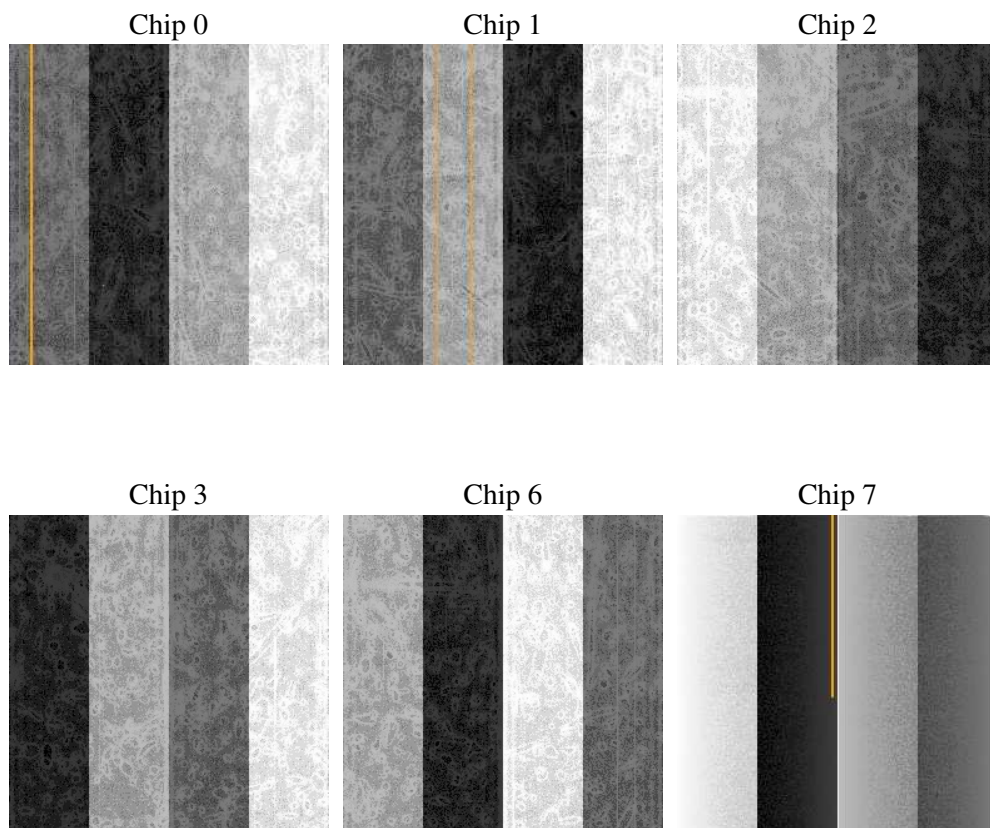
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-08-29T23:37:27
revision	2

sched_exp_time	0.0
ontime	8296.9626939744
ontime0	3328.5429095477
ontime1	3360.9534289688
ontime2	3101.6710068733
ontime3	3172.9740062952
ontime6	3480.871220842
ontime7	8296.9626939744
l1events	1536062

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	202253	206018	193805	199713	222967	511306
rejected events	22305	22963	23168	25314	24343	58806
rejected %	11%	11%	11%	12%	10%	11%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	99154	100888	94627	97432	108268	83418
	49%	48%	48%	48%	48%	16%
grade 1 events	504	510	474	497	539	210
	0%	0%	0%	0%	0%	0%
grade 2 events	31914	32250	29900	30688	34445	136100
	15%	15%	15%	15%	15%	26%
grade 3 events	11475	11501	10729	10960	12206	34267
	5%	5%	5%	5%	5%	6%
grade 4 events	11240	11692	10637	11030	12248	33825
	5%	5%	5%	5%	5%	6%
grade 5 events	1660	1732	1483	1721	1891	8094
	0%	0%	0%	0%	0%	1%
grade 6 events	26165	26724	24744	24289	31457	164890
	12%	12%	12%	12%	14%	32%
grade 7 events	20141	20721	21211	23096	21913	50502
	9%	10%	10%	11%	9%	9%

## 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	168.514506591378	Alternating exposures requested	N	N
Pointing Dec	0	71.6095738344857	Primary exposure time	3.2	3.2
Pointing Roll	0.0	127.721887967374			
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	127963857.412499	127963856.64405			
Observation start date	2002-01-21T01:30:57	2002-01-21T01:30:56			
Observation end time	127985167.163356	127985166.39491			
Observation end date	2002-01-21T07:26:07	2002-01-21T07:26:06			
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)	2006.08.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2965915

### A.2 Comments