

# V&V Reference Report

## L2 ASCDS Version : 7.6.8

Observation 60807 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Jul 26 2006

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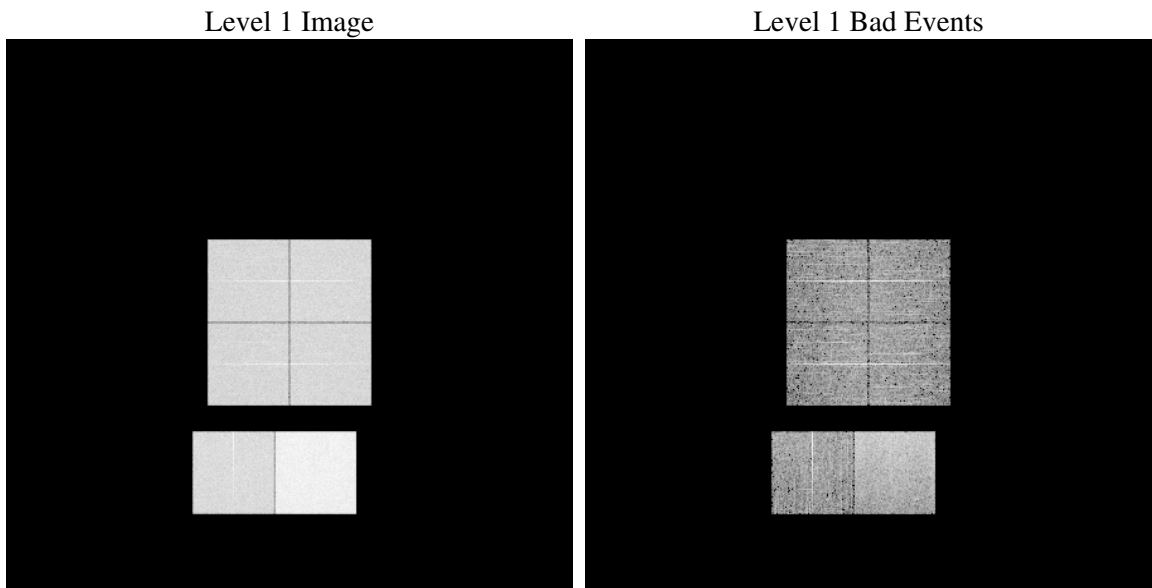
# 1 Front

seq_num	&#160
obs_id	60807
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	188.97053949726
dec_nom	14.501719526938
roll_nom	143.6429899241
revision	2
ontime	7794.8174986541
livetime	7696.1148260106
ontime0	4158.4888909757
ontime1	4304.3746584952
ontime2	4019.2086818814
ontime3	4122.7567362487
ontime6	4450.3011663556
ontime7	7794.8174986541
l2events	1176391

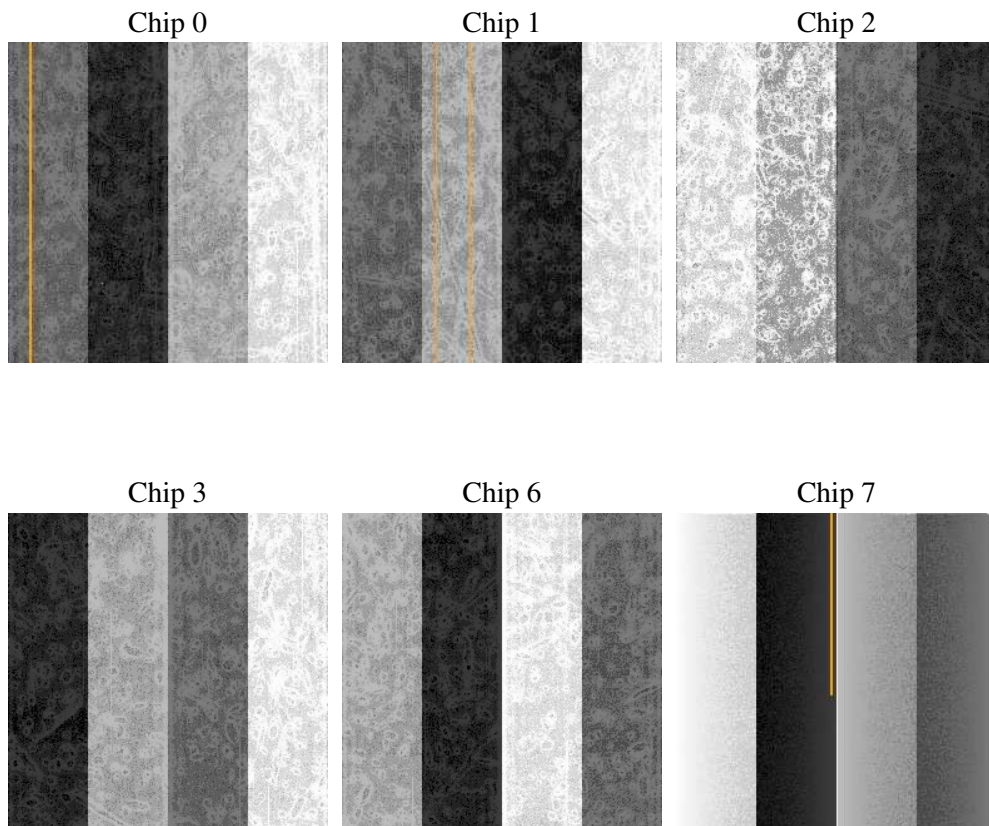
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-26T05:11:10
revision	2

sched_exp_time	0.0
ontime	7797.8480684459
ontime0	4161.4784207642
ontime1	4307.3231482804
ontime2	4022.1161316633
ontime3	4125.8283460438
ontime6	4453.167576164
ontime7	7797.8480684459
l1events	1427575

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	202230	209822	198859	204380	225555	386729
rejected events	27491	28377	27793	29239	30338	54371
rejected %	13%	13%	13%	14%	13%	14%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	96373	99312	95597	98072	105490	60657
	47%	47%	48%	47%	46%	15%
grade 1 events	533	491	579	626	545	147
	0%	0%	0%	0%	0%	0%
grade 2 events	30293	32314	28917	29723	33767	99809
	14%	15%	14%	14%	14%	25%
grade 3 events	11226	11576	11093	11493	12127	24618
	5%	5%	5%	5%	5%	6%
grade 4 events	11173	11608	11157	11585	12432	24283
	5%	5%	5%	5%	5%	6%
grade 5 events	1852	2048	1866	1965	2172	7027
	0%	0%	0%	0%	0%	1%
grade 6 events	25812	26762	24465	24413	31537	123130
	12%	12%	12%	11%	13%	31%
grade 7 events	24968	25711	25185	26503	27485	47058
	12%	12%	12%	12%	12%	12%

## 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	188.9705394972613	Alternating exposures requested	N	N
Pointing Dec	0	14.50171952693779	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	143.6429899240983			
SIM focus pos (mm)	-0.782348	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	164490306.124229	164490305.0995			
Observation start date	2003-03-19T19:45:06	2003-03-19T19:45:05			
Observation end time	164516794.175347	164516793.15062			
Observation end date	2003-03-20T03:06:34	2003-03-20T03:06:33			
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)	2006.07.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.79481749

### A.2 Comments