

# V&V Reference Report

## L2 ASCDS Version : 7.6.8

Observation 60457 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Jun 23 2006

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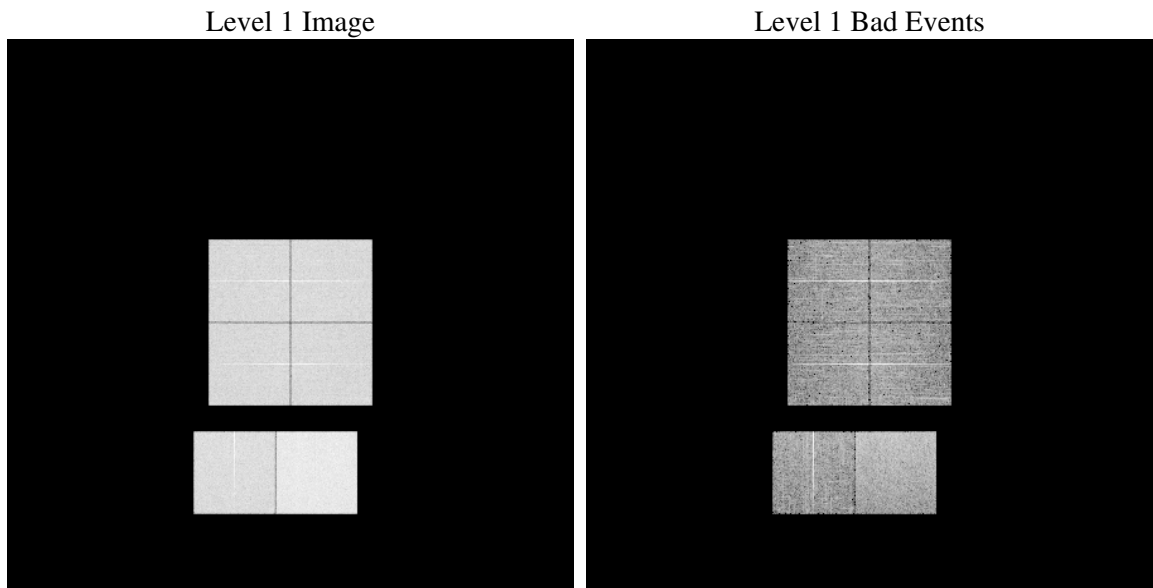
# 1 Front

seq_num	&#160
obs_id	60457
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	125.57506808223
dec_nom	77.710504061193
roll_nom	125.59716923506
revision	2
ontime	8367.9999688268
livetime	8262.0393146168
ontime0	5707.1608277857
ontime1	5797.3878622055
ontime2	5561.3173746765
ontime3	5499.0941823125
ontime6	5979.402949065
ontime7	8367.9999688268
l2events	1237201

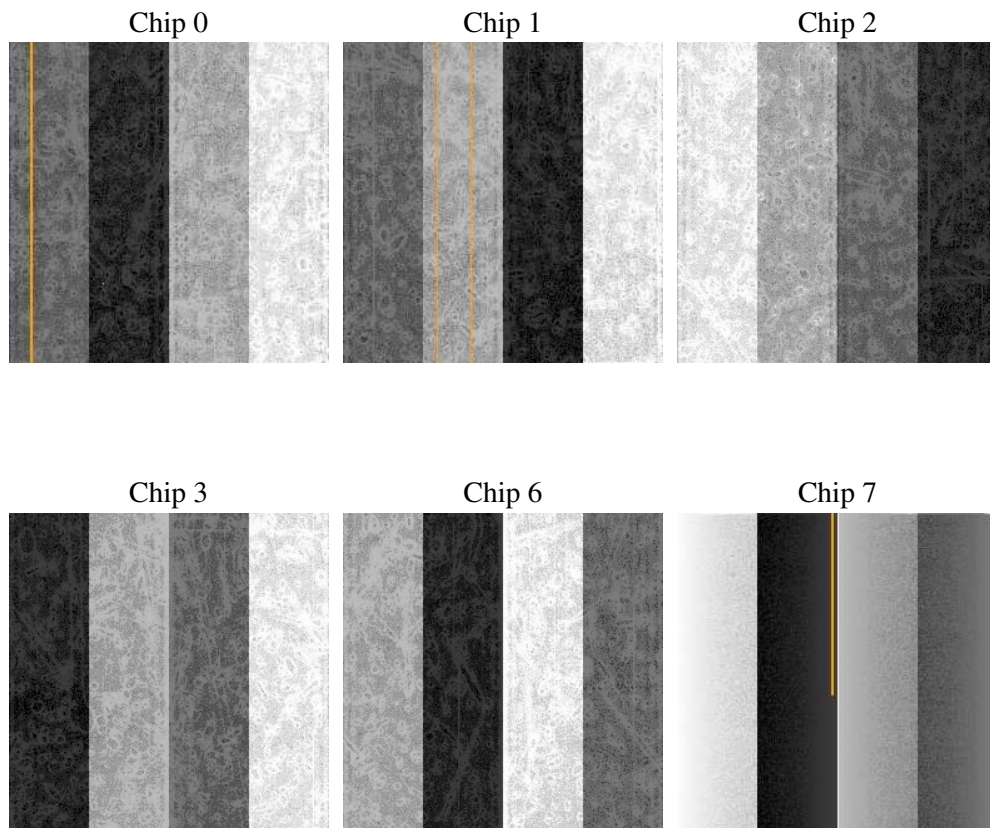
## 2 OBI

### 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	2006-06-23T22:42:05
revision	2

sched_exp_time	0.0
ontime	8468.7440072596
ontime0	5781.9770739973
ontime1	5863.0012609661
ontime2	5626.4107100666
ontime3	5561.5896610618
ontime6	6060.7011857033
ontime7	8468.7440072596
l1events	1537165

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	233807	236420	230330	229851	254969	351788
rejected events	36492	36133	35274	37083	38942	56459
rejected %	15%	15%	15%	16%	15%	16%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	110352	111017	110613	109610	118492	52767
	47%	46%	48%	47%	46%	14%
grade 1 events	572	488	659	612	523	138
	0%	0%	0%	0%	0%	0%
grade 2 events	34781	35841	33462	33110	38081	90814
	14%	15%	14%	14%	14%	25%
grade 3 events	12881	12909	12672	12696	13649	21994
	5%	5%	5%	5%	5%	6%
grade 4 events	12875	12916	12701	12504	13514	21618
	5%	5%	5%	5%	5%	6%
grade 5 events	2343	2318	2196	2461	2656	6710
	1%	0%	0%	1%	1%	1%
grade 6 events	29032	29818	27810	26856	35154	111604
	12%	12%	12%	11%	13%	31%
grade 7 events	30971	31113	30217	32002	32900	46143
	13%	13%	13%	13%	12%	13%

## 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	125.5750680822253	Alternating exposures requested	N	N
Pointing Dec	0	77.71050406119315	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	125.5971692350582			
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	187371574.801256	187371573.77655			
Observation start date	2003-12-09T15:39:35	2003-12-09T15:39:33			
Observation end time	187392884.55218	187392883.52747			
Observation end date	2003-12-09T21:34:45	2003-12-09T21:34:43			
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)	2006.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.36799996

### A.2 Comments