

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 61174 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Sep 18 2006

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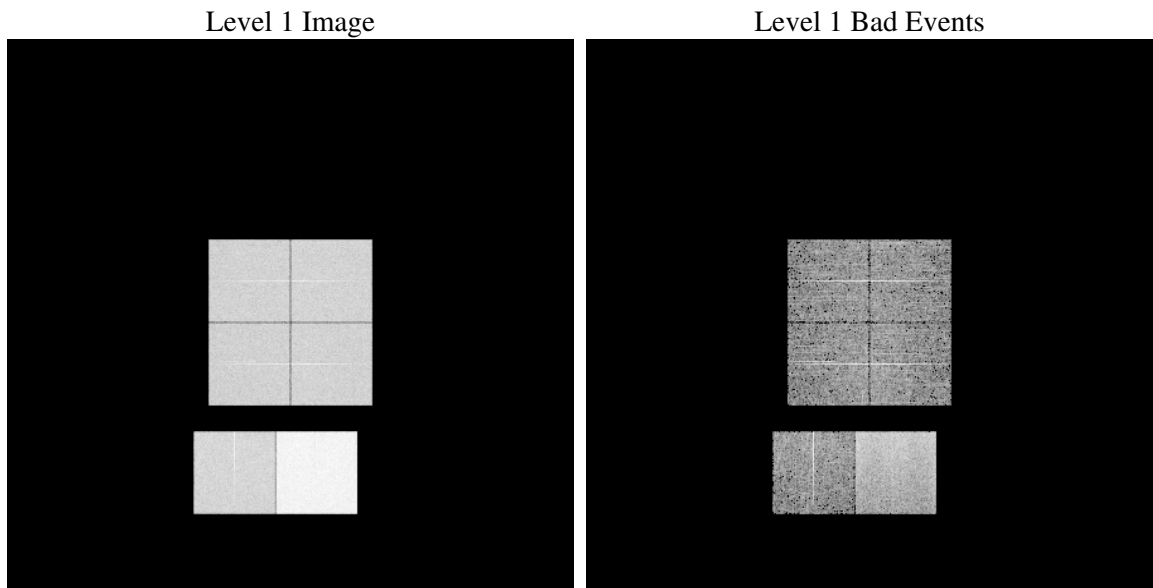
# 1 Front

seq_num	&#160
obs_id	61174
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	180.00553039501
dec_nom	-5.7280606049136
roll_nom	248.28710571611
revision	2
ontime	7794.0528670251
livetime	7695.3598766077
ontime0	3276.1732102334
ontime1	3350.7571538091
ontime2	3143.3735577166
ontime3	3217.7524802089
ontime6	3480.4796673656
ontime7	7794.0528670251
l2events	1209264

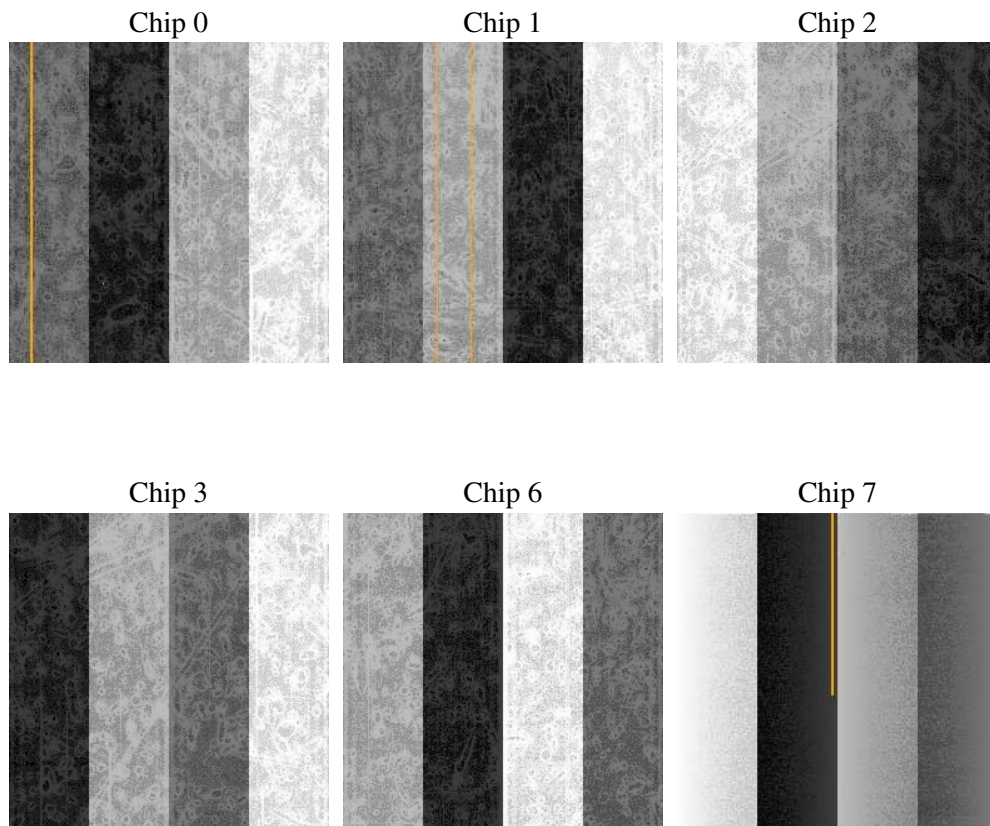
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-18T10:28:31
revision	2

sched_exp_time	0.0
ontime	7794.606408298
ontime0	3276.685711503
ontime1	3351.2286150753
ontime2	3143.8039789796
ontime3	3218.3470614851
ontime6	3480.869048655
ontime7	7794.606408298
l1events	1440201

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	190907	196377	186437	191876	212236	462368
rejected events	23395	24327	24168	25016	25581	56228
rejected %	12%	12%	12%	13%	12%	12%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	91806	94483	89995	92745	100993	76531
	48%	48%	48%	48%	47%	16%
grade 1 events	486	525	461	492	505	155
	0%	0%	0%	0%	0%	0%
grade 2 events	29801	30383	28690	29467	32663	121080
	15%	15%	15%	15%	15%	26%
grade 3 events	10492	10959	9961	10575	11381	30714
	5%	5%	5%	5%	5%	6%
grade 4 events	10710	10975	10247	10521	11360	30184
	5%	5%	5%	5%	5%	6%
grade 5 events	1659	1725	1600	1726	1872	7653
	0%	0%	0%	0%	0%	1%
grade 6 events	24703	25250	23376	23552	30258	147631
	12%	12%	12%	12%	14%	31%
grade 7 events	21250	22077	22107	22798	23204	48420
	11%	11%	11%	11%	10%	10%

## 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	180.0055303950054	Alternating exposures requested	N	N
Pointing Dec	0	-5.728060604913565	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	248.2871057161089			
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	139581507.44	139581506.41534			
Observation start date	2002-06-04T12:38:27	2002-06-04T12:38:26			
Observation end time	139613671.941	139613670.91665			
Observation end date	2002-06-04T21:34:32	2002-06-04T21:34:30			
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)	2006.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.79405286

### A.2 Comments