

# V&V Reference Report

## L2 ASCDS Version : 7.6.10

Observation 61887 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Jun 12 2007

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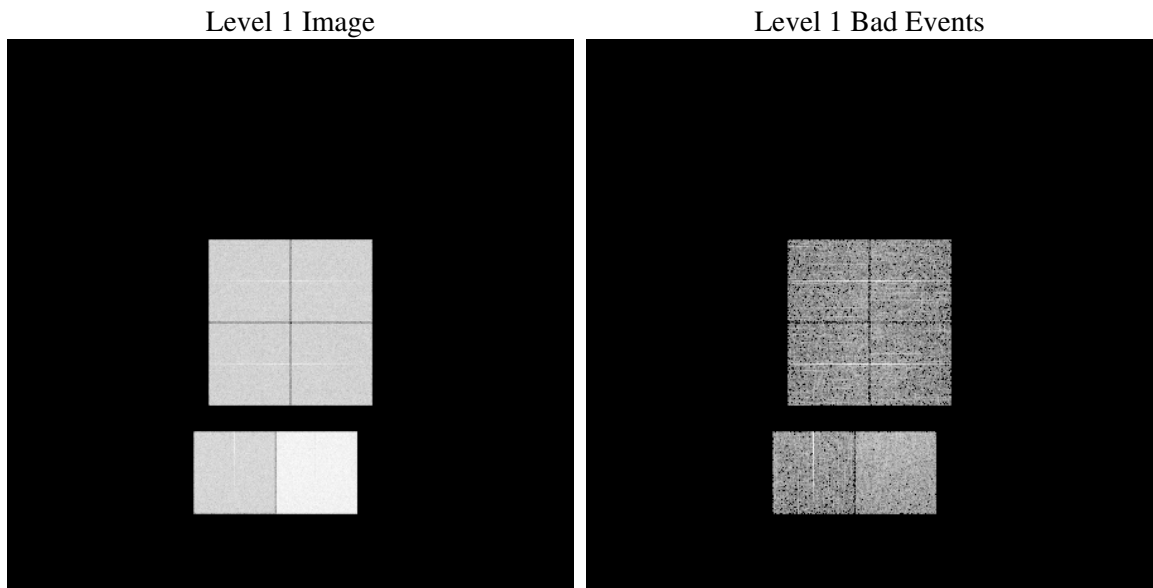
# 1 Front

seq_num	&#160
obs_id	61887
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	26.795497269964
dec_nom	18.127910042527
roll_nom	138.9294258058
revision	2
ontime	5470.5645717382
livetime	5401.2929891524
ontime0	2300.9836322218
ontime1	2330.0355794579
ontime2	2245.9679825306
ontime3	2258.7327893227
ontime6	2443.47163032
ontime7	5470.5645717382
l2events	1255407

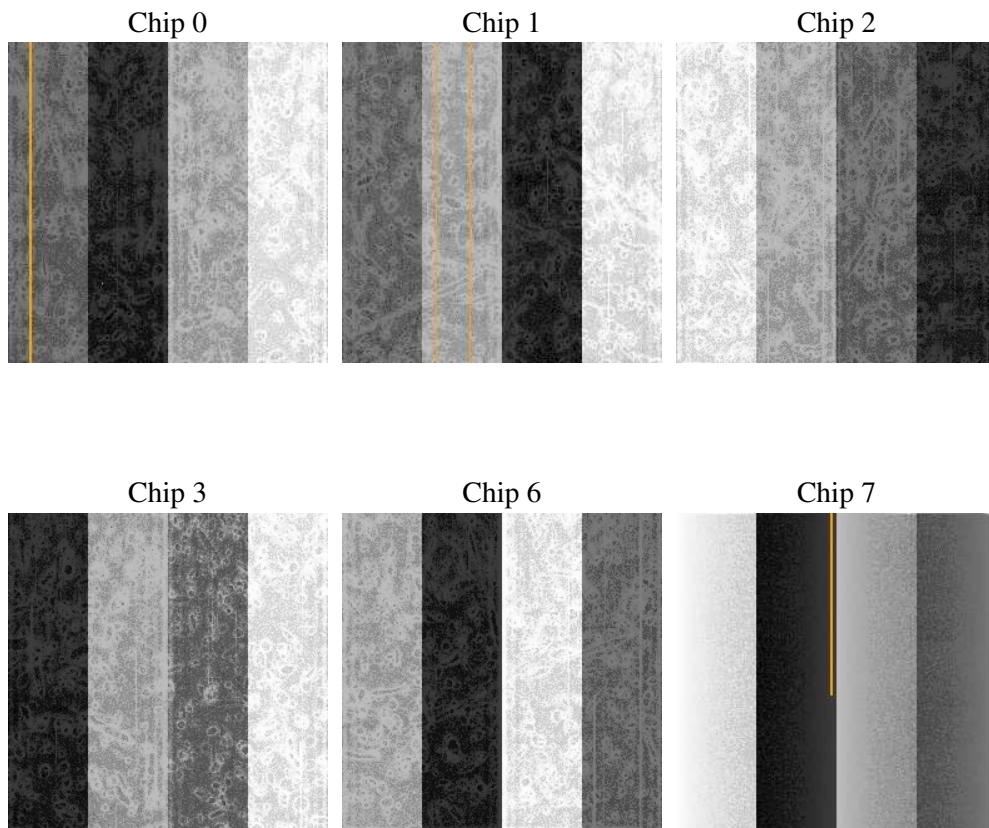
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-12T19:20:22
revision	2

sched_exp_time	0.0
ontime	5470.5645717382
ontime0	2300.9836322218
ontime1	2330.0355794579
ontime2	2245.9679825306
ontime3	2258.7327893227
ontime6	2443.47163032
ontime7	5470.5645717382
l1events	1429343

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	190879	193831	190501	190519	212453	451160
rejected events	18093	18516	19159	18616	19470	27984
rejected %	9%	9%	10%	9%	9%	6%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	95555	96946	95482	96369	105385	108998
	50%	50%	50%	50%	49%	24%
grade 1 events	497	510	555	534	563	306
	0%	0%	0%	0%	0%	0%
grade 2 events	30472	30735	30084	30146	33501	93886
	15%	15%	15%	15%	15%	20%
grade 3 events	10997	11192	10718	11022	11913	43219
	5%	5%	5%	5%	5%	9%
grade 4 events	10812	11014	10869	10667	11938	43210
	5%	5%	5%	5%	5%	9%
grade 5 events	1401	1440	1341	1403	1603	6241
	0%	0%	0%	0%	0%	1%
grade 6 events	24950	25428	24189	23699	30246	133863
	13%	13%	12%	12%	14%	29%
grade 7 events	16195	16566	17263	16679	17304	21437
	8%	8%	9%	8%	8%	4%

## 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	26.79549726996402	Alternating exposures requested	N	N
Pointing Dec	0	18.12791004252738	Primary exposure time	3.2	3.2
Pointing Roll	0.0	138.9294258057953			
SIM focus pos (mm)	-0.782348	-1.038866356238299			
SIM defocus (mm)	0	0.4944702831659975			
SIM translation stage pos (mm)	-233.592463	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	87716792.14171501	87716791.37323201			
Observation start date	2000-10-12T05:46:32	2000-10-12T05:46:31			
Observation end time	87760403.843365	87760403.07487801			
Observation end date	2000-10-12T17:53:24	2000-10-12T17:53:23			
Read mode	TIMED	TIMED			

## **2.3 Star Slots**

## **2.4 FID Slots**

## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.47056457

### A.2 Comments