

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 60975 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Oct 12 2006

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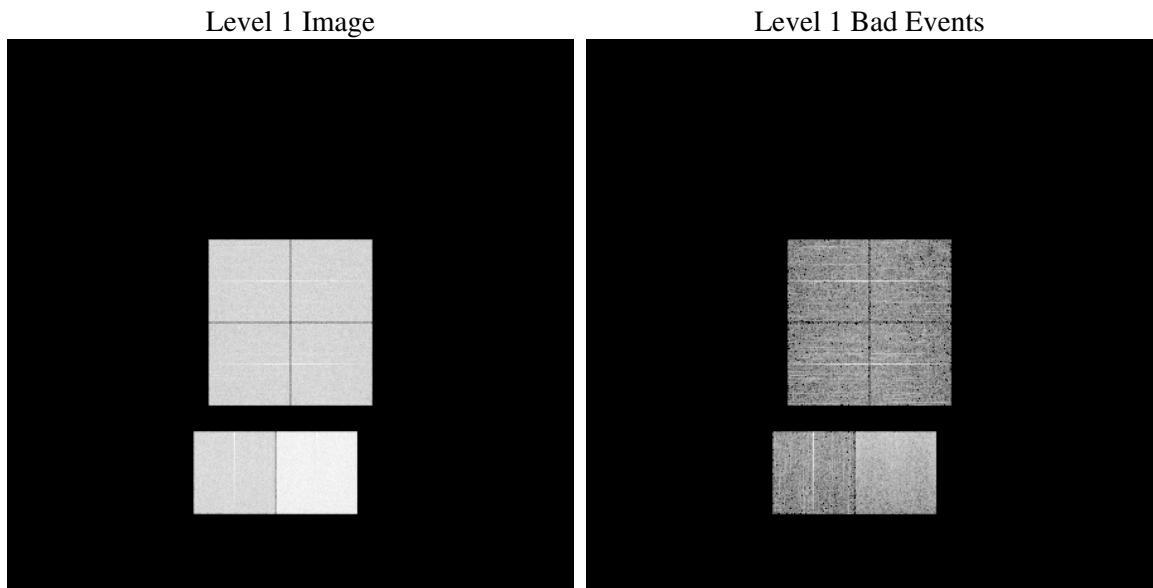
# 1 Front

seq_num	&#160
obs_id	60975
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	162.19125683027
dec_nom	-3.172763070308
roll_nom	74.976828977631
revision	2
ontime	8463.2112888098
livetime	8356.0450115368
ontime0	4146.2844522297
ontime1	4126.879322052
ontime2	3942.184122175
ontime3	4058.6951295733
ontime6	4311.6980804503
ontime7	8463.2112888098
l2events	1286026

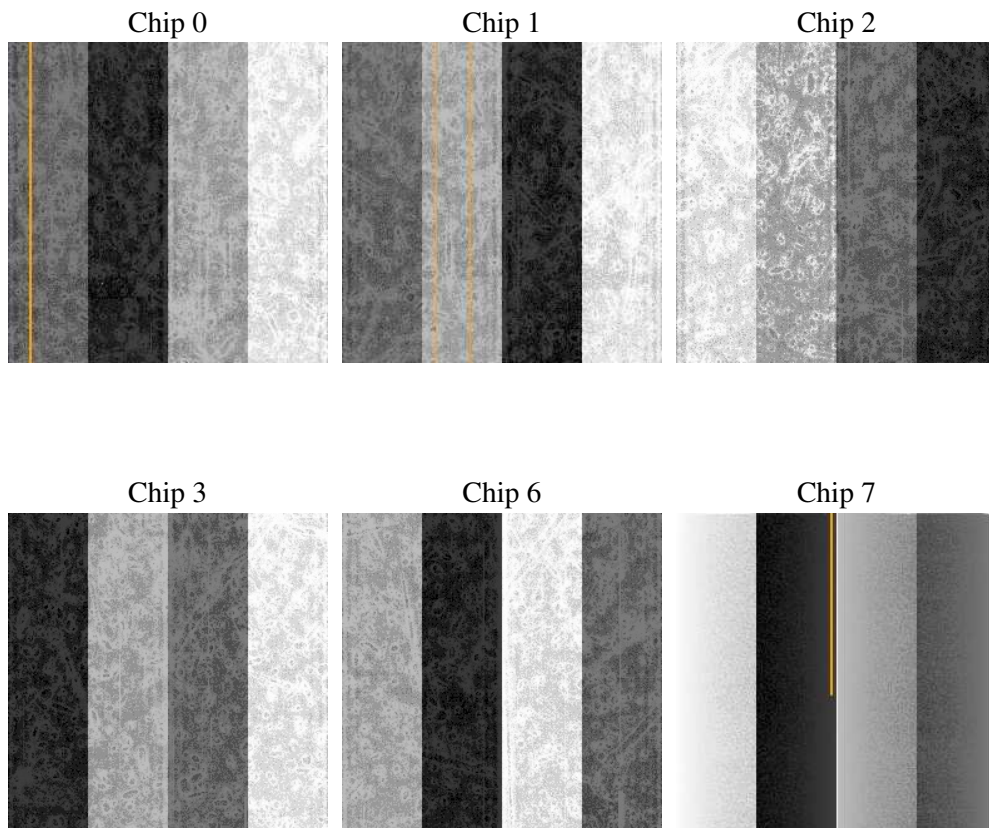
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-12T04:51:49
revision	2

sched_exp_time	0.0
ontime	8465.48532179
ontime0	4148.5174452066
ontime1	4129.0712750256
ontime2	3944.3350351453
ontime3	4061.0102025568
ontime6	4313.8079534471
ontime7	8465.48532179
l1events	1552152

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	216614	216063	212216	217682	238253	451324
rejected events	28151	27676	30019	30423	31812	60548
rejected %	12%	12%	14%	13%	13%	13%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	103969	103430	102079	105294	112435	70437
	47%	47%	48%	48%	47%	15%
grade 1 events	613	505	616	662	571	165
	0%	0%	0%	0%	0%	0%
grade 2 events	32538	33218	30910	32131	35624	118494
	15%	15%	14%	14%	14%	26%
grade 3 events	12157	12054	11997	12126	12868	28851
	5%	5%	5%	5%	5%	6%
grade 4 events	12201	11988	11723	12009	12635	28364
	5%	5%	5%	5%	5%	6%
grade 5 events	2110	1890	1903	2101	2144	7692
	0%	0%	0%	0%	0%	1%
grade 6 events	27760	27858	25650	25868	33037	144763
	12%	12%	12%	11%	13%	32%
grade 7 events	25266	25120	27338	27491	28939	52558
	11%	11%	12%	12%	12%	11%

## 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	162.1912568302654	Alternating exposures requested	N	N
Pointing Dec	0	-3.17276307030805	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	74.97682897763084			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	152412326.768859	152412325.74414			
Observation start date	2002-10-31T00:45:27	2002-10-31T00:45:25			
Observation end time	152435463.069821	152435462.0451			
Observation end date	2002-10-31T07:11:03	2002-10-31T07:11:02			
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)	2006.10.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.46321128

### A.2 Comments