

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 59611 - L2 Version 002  
Chandra X-Ray Center

L2 Processing Date : Mar 10 2006

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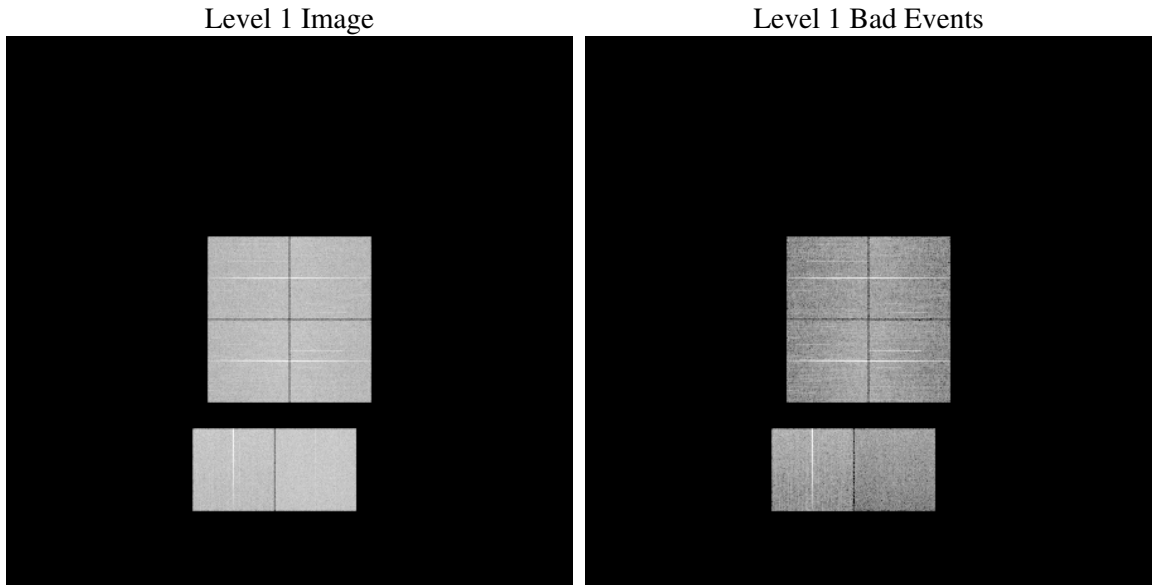
# 1 Front

seq_num	&#160
obs_id	59611
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	285.00889747314
dec_nom	-43.970362018829
roll_nom	44.358426340701
revision	2
ontime	8182.3999695182
livetime	8078.7894942544
ontime0	5793.7999846339
ontime1	5958.952486217
ontime2	5871.584317714
ontime3	6033.6332022548
ontime6	6694.7928203344
ontime7	8182.3999695182
l2events	913589

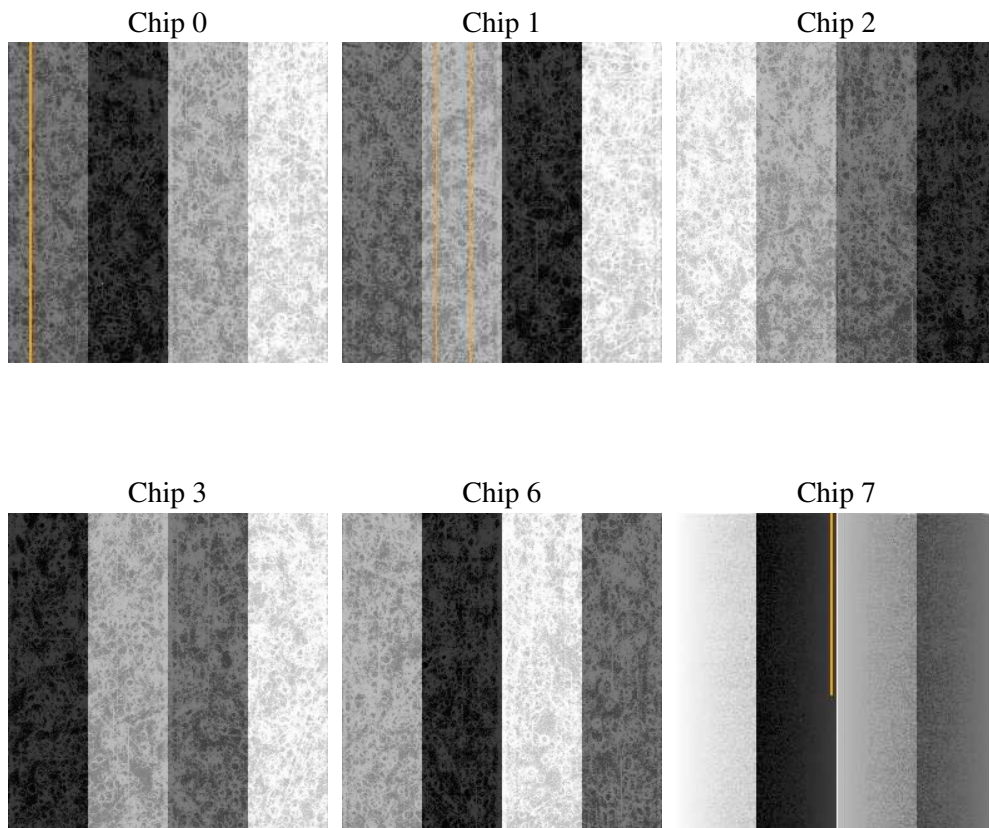
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-10T20:50:36
revision	2

sched_exp_time	0.0
ontime	8248.3631263077
ontime0	5840.3172796369
ontime1	6005.6078515947
ontime2	5924.5835533142
ontime3	6086.6324279308
ontime6	6747.7920360565
ontime7	8248.3631263077
l1events	1492753

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	220745	225509	237780	237886	272578	298255
rejected events	82737	83539	96355	92396	105604	69440
rejected %	37%	37%	40%	38%	38%	23%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	76001	77161	79282	81582	90243	35959
	34%	34%	33%	34%	33%	12%
grade 1 events	794	776	931	919	824	187
	0%	0%	0%	0%	0%	0%
grade 2 events	24283	25481	23865	24788	29325	71668
	11%	11%	10%	10%	10%	24%
grade 3 events	9079	9453	9546	9922	10579	15573
	4%	4%	4%	4%	3%	5%
grade 4 events	9247	9402	9449	9645	10737	15064
	4%	4%	3%	4%	3%	5%
grade 5 events	2851	2865	2868	3117	3578	7586
	1%	1%	1%	1%	1%	2%
grade 6 events	20464	21549	20453	20748	27412	92352
	9%	9%	8%	8%	10%	30%
grade 7 events	78026	78822	91386	87165	99880	59866
	35%	34%	38%	36%	36%	20%

## 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	285.0088974731385	Alternating exposures requested	N	N
Pointing Dec	0	-43.97036201882863	Primary exposure time	3.2	3.2
Pointing Roll	0.0	44.35842634070132			
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	235348030.341455	235348029.31645			
Observation start date	2005-06-16T22:27:10	2005-06-16T22:27:09			
Observation end time	235370947.292501	235370946.2675			
Observation end date	2005-06-17T04:49:07	2005-06-17T04:49:06			
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)	2006.03.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.18239996

### A.2 Comments