

# V&V Reference Report

## L2 ASCDS Version : 7.6.10

Observation 61879 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Jun 12 2007

## Contents

<b>1</b>	<b>Front</b>	<b>2</b>
<b>2</b>	<b>OBI</b>	<b>3</b>
2.1	OBI . . . . .	3
2.1.1	Images . . . . .	3
2.1.2	Bias . . . . .	3
2.1.3	Parameters . . . . .	4
2.1.4	Events . . . . .	4
2.2	Compared Parameters . . . . .	5
2.3	Star Slots . . . . .	6
2.4	FID Slots . . . . .	6
<b>A</b>	<b>Summary</b>	<b>7</b>
A.1	Status . . . . .	7
A.2	Comments . . . . .	7

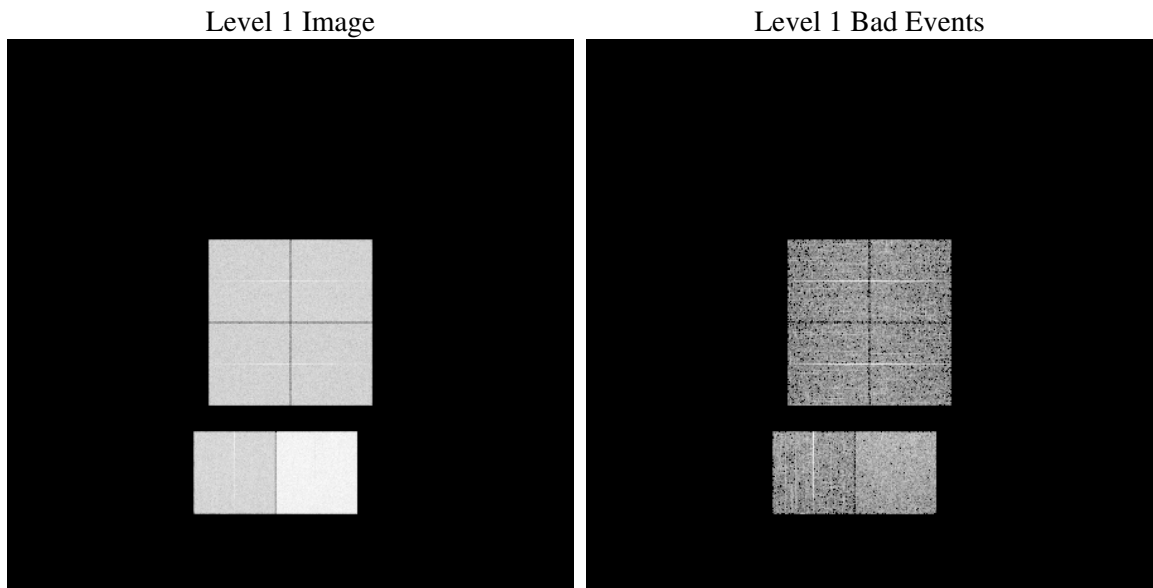
# 1 Front

seq_num	&#160
obs_id	61879
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	341.74497492334
dec_nom	-51.185398302756
roll_nom	316.74617707116
revision	2
ontime	5477.2748264521
livetime	5407.9182745807
ontime0	2307.6204726547
ontime1	2365.6516892165
ontime2	2246.1226433069
ontime3	2239.4763534367
ontime6	2430.9029328674
ontime7	5477.2748264521
l2events	1252677

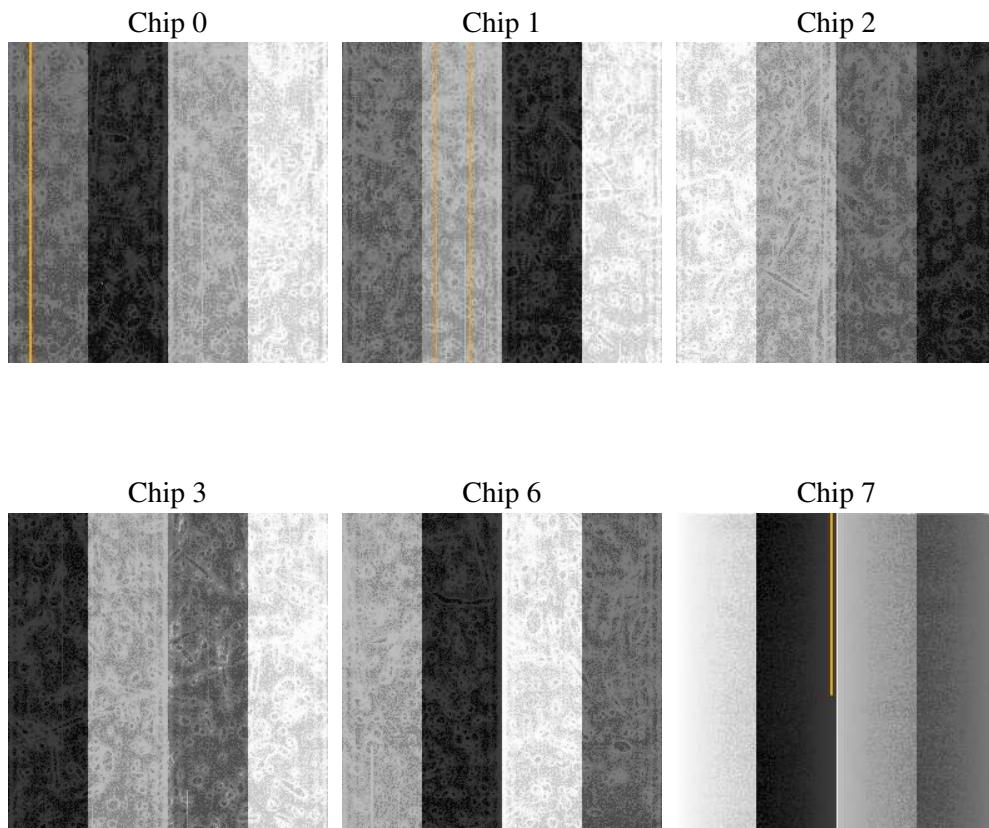
## 2 OBI

### 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	2007-06-12T19:46:29
revision	2

sched_exp_time	0.0
ontime	5477.2748264521
ontime0	2307.6204726547
ontime1	2365.6516892165
ontime2	2246.1226433069
ontime3	2239.4763534367
ontime6	2430.9029328674
ontime7	5477.2748264521
l1events	1430081

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	191602	196110	189582	188396	212456	451935
rejected events	18664	18735	19539	18489	20832	28691
rejected %	9%	9%	10%	9%	9%	6%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	95594	98216	95012	95056	104561	108513
	49%	50%	50%	50%	49%	24%
grade 1 events	495	523	488	515	537	283
	0%	0%	0%	0%	0%	0%
grade 2 events	30373	31238	29811	29990	33648	93590
	15%	15%	15%	15%	15%	20%
grade 3 events	11110	11441	10845	10721	11617	43269
	5%	5%	5%	5%	5%	9%
grade 4 events	11028	11146	10660	10765	11729	43184
	5%	5%	5%	5%	5%	9%
grade 5 events	1378	1421	1366	1425	1562	6312
	0%	0%	0%	0%	0%	1%
grade 6 events	25081	25595	23976	23629	30337	134946
	13%	13%	12%	12%	14%	29%
grade 7 events	16543	16530	17424	16295	18465	21838
	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	341.7449749233393	Alternating exposures requested	N	N
Pointing Dec	0	-51.18539830275589	Primary exposure time	3.2	3.2
Pointing Roll	0.0	316.7461770711558			
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	88173548.558937	88173547.79048			
Observation start date	2000-10-17T12:39:09	2000-10-17T12:39:07			
Observation end time	88221858.86076	88221858.092307			
Observation end date	2000-10-18T02:04:19	2000-10-18T02:04:18			
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	5.47727482

### A.2 Comments