

# V&V Reference Report

## L2 ASCDS Version : 7.6.8

Observation 60484 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Jun 28 2006

## 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	Aspect . . . . .	6
2.4	Star Slots . . . . .	8
2.5	FID Slots . . . . .	8
<b>A</b>	<b>Summary</b>	<b>9</b>
A.1	Status . . . . .	9
A.2	Comments . . . . .	9

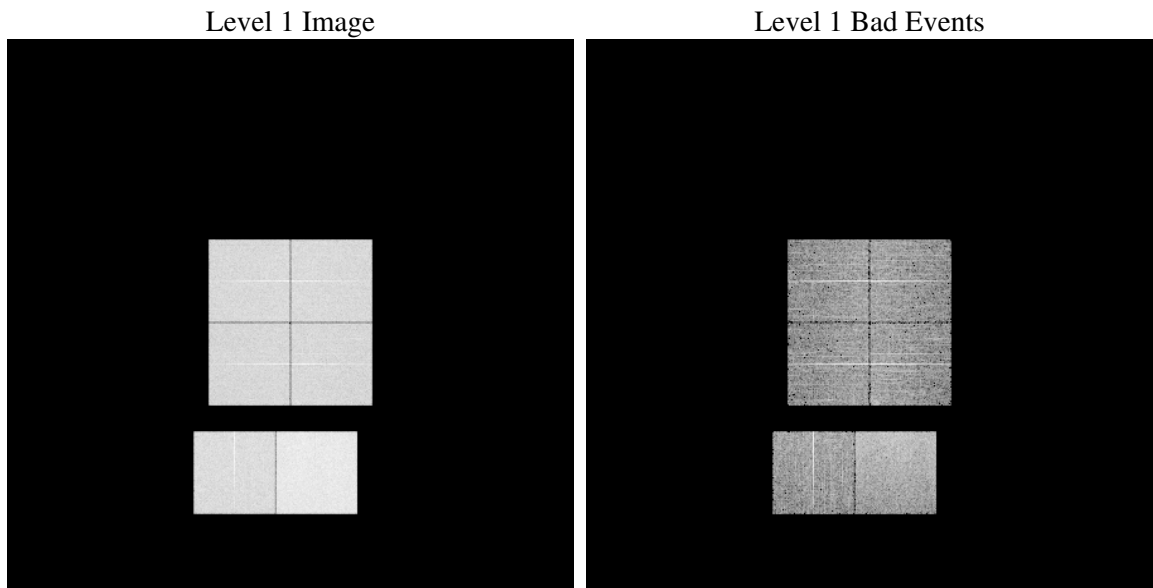
# 1 Front

seq_num	&#160
obs_id	60484
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	19.826002090626
dec_nom	1.3881109708001
roll_nom	302.55495083436
revision	2
ontime	8406.3999686837
livetime	8299.9530705539
ontime0	5829.0333253145
ontime1	5794.1725602746
ontime2	5479.7967376411
ontime3	5456.2375378907
ontime6	6008.0772968233
ontime7	8406.3999686837
l2events	1247754

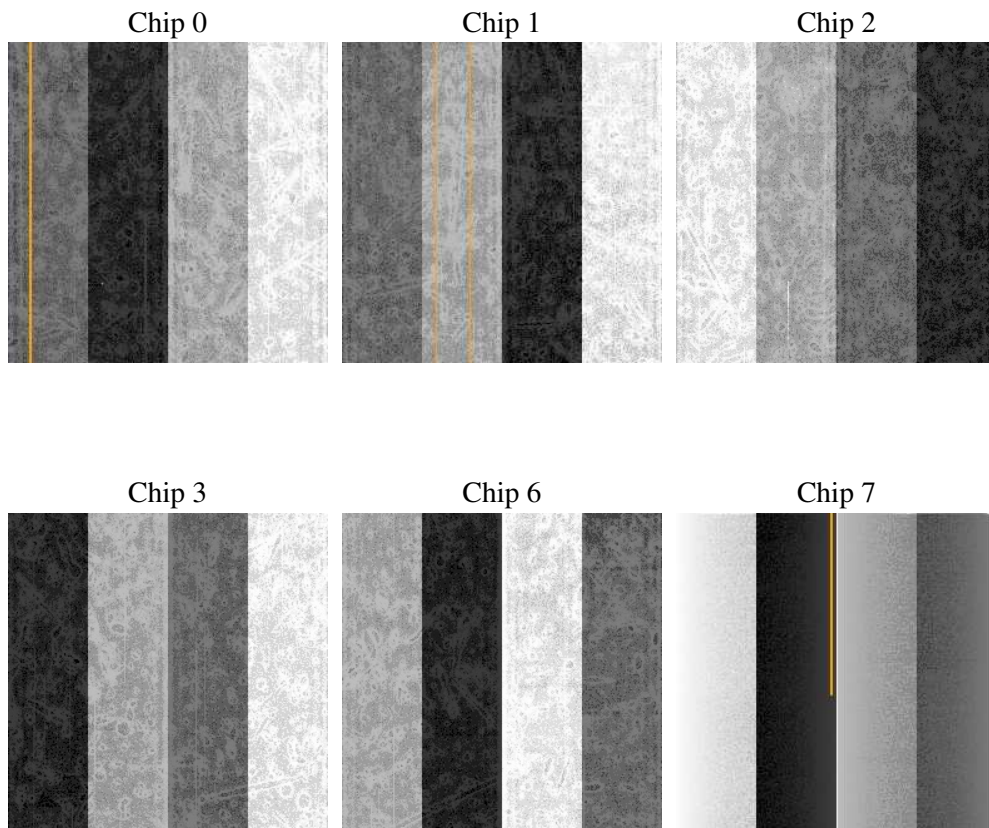
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-06-28T05:09:11
revision	2

sched_exp_time	0.0
ontime	8468.7497768998
ontime0	5879.209718734
ontime1	5840.3174473047
ontime2	5522.7006244361
ontime3	5493.5320703983
ontime6	6057.4631839395
ontime7	8468.7497768998
l1events	1537806

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	236549	237501	226059	228563	256901	352233
rejected events	34126	34820	33091	35739	37478	54564
rejected %	14%	14%	14%	15%	14%	15%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	112903	112390	108845	109109	120649	53074
	47%	47%	48%	47%	46%	15%
grade 1 events	582	481	600	550	550	124
	0%	0%	0%	0%	0%	0%
grade 2 events	35617	36237	32700	33213	38024	91438
	15%	15%	14%	14%	14%	25%
grade 3 events	12992	12907	12610	12743	13740	21728
	5%	5%	5%	5%	5%	6%
grade 4 events	13124	12891	12817	12506	13853	21376
	5%	5%	5%	5%	5%	6%
grade 5 events	2278	2369	2140	2267	2708	6673
	0%	0%	0%	0%	1%	1%
grade 6 events	29456	29852	27438	26593	34957	112220
	12%	12%	12%	11%	13%	31%
grade 7 events	29597	30374	28909	31582	32420	45600
	12%	12%	12%	13%	12%	12%

## 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	19.82600209062646	Alternating exposures requested	N	N
Pointing Dec	0	1.38811097080013	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	302.5549508343584			
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	185082206.452069	185082205.42731			
Observation start date	2003-11-13T03:43:26	2003-11-13T03:43:25			
Observation end time	185105344.803076	185105343.77831			
Observation end date	2003-11-13T10:09:05	2003-11-13T10:09:03			
Read mode	TIMED	TIMED			

## 2.3 Aspect



## 2.4 Star Slots

## 2.5 FID Slots



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.40639996

### A.2 Comments