

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.2

Observation 60373 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Jun 2 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

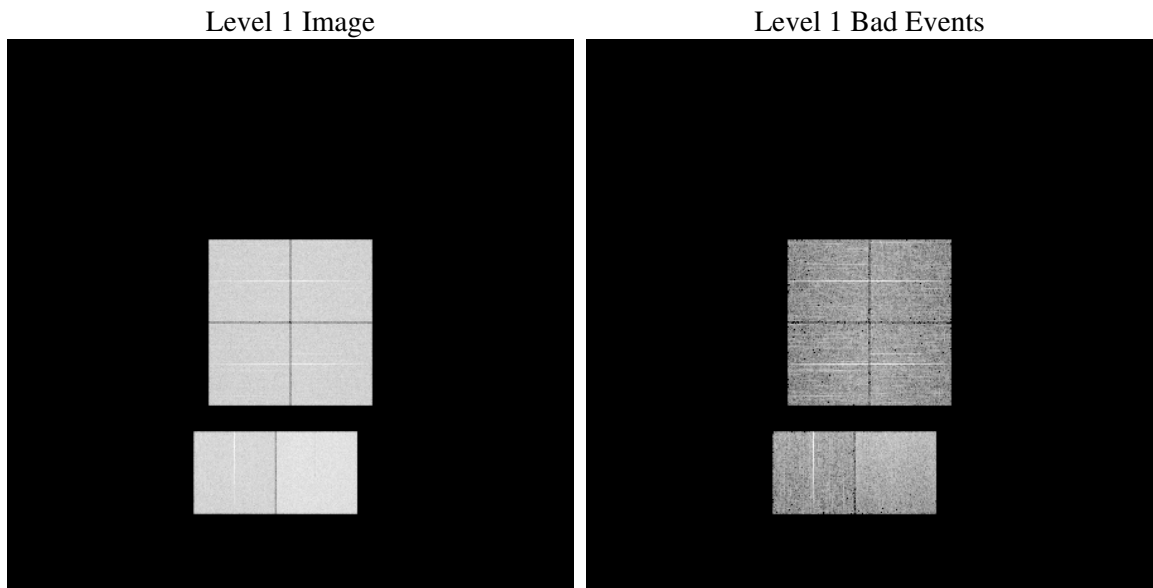
# 1 Front

seq_num	&#160
obs_id	60373
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	326.03106616022
dec_nom	40.015876129062
roll_nom	0.8040847491471
revision	2
ontime	8463.9999684691
livetime	8356.8237044595
ontime0	6037.5385891199
ontime1	6147.7727270722
ontime2	5816.1346552372
ontime3	5958.7371070981
ontime6	6341.1710969508
ontime7	8463.9999684691
l2events	1226483

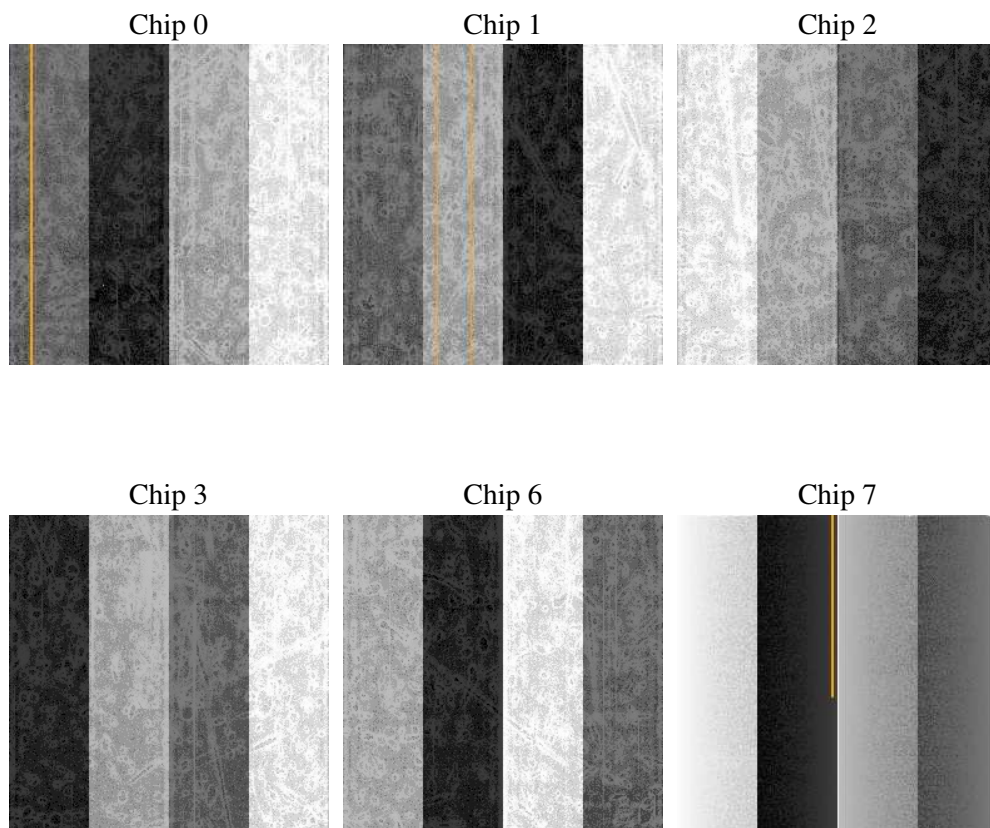
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-02T21:34:39
revision	2

sched_exp_time	0.0
ontime	8465.4867600203
ontime0	6038.0067251921
ontime1	6148.1998231411
ontime2	5817.6214467883
ontime3	5960.2238986492
ontime6	6342.6578885019
ontime7	8465.4867600203
l1events	1535765

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	233063	238238	228686	235613	258058	342107
rejected events	36548	37360	37942	39088	40843	58083
rejected %	15%	15%	16%	16%	15%	16%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	108617	110620	106695	110359	118021	48746
	46%	46%	46%	46%	45%	14%
grade 1 events	584	543	653	578	552	122
	0%	0%	0%	0%	0%	0%
grade 2 events	34250	35403	32354	33735	37402	86465
	14%	14%	14%	14%	14%	25%
grade 3 events	12894	12857	12459	12802	13527	20165
	5%	5%	5%	5%	5%	5%
grade 4 events	12568	12725	12318	12838	13506	20239
	5%	5%	5%	5%	5%	5%
grade 5 events	2586	2641	2360	2594	2937	7102
	1%	1%	1%	1%	1%	2%
grade 6 events	28186	29273	26918	26791	34759	108409
	12%	12%	11%	11%	13%	31%
grade 7 events	33378	34176	34929	35916	37354	50859
	14%	14%	15%	15%	14%	14%

## 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	326.0310661602246	Alternating exposures requested	N	N
Pointing Dec	0	40.01587612906193	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	0.8040847491471015			
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	193081565.100054	193081564.07534			
Observation start date	2004-02-13T17:46:05	2004-02-13T17:46:04			
Observation end time	193104473.851056	193104472.82634			
Observation end date	2004-02-14T00:07:54	2004-02-14T00:07:52			
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)	2006.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.46399996

### A.2 Comments