

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 62816 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Apr 25 2012

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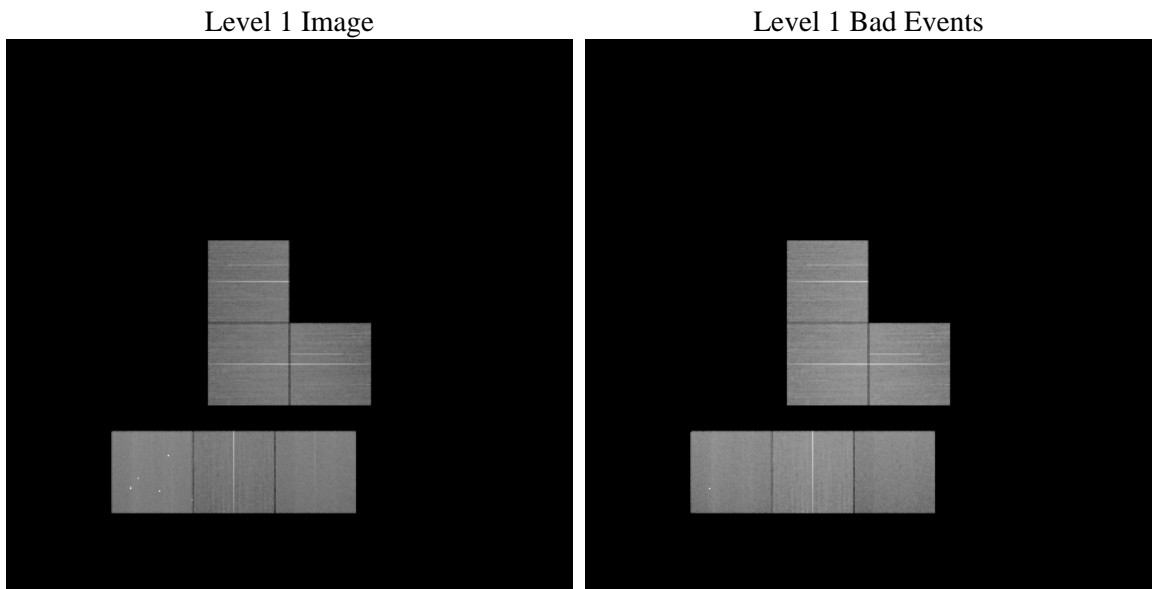
# 1 Front

seq_num	&#160	Sequence number
obs_id	62816	Observation id
title	ACIS-023567 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	&#160	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	282.85666466347	Nominal RA [deg]
dec_nom	-23.610080286178	Nominal Dec [deg]
roll_nom	93.900023677699	Nominal Roll [deg]
revision	2	Processing version of data
ontime	46876.79982543	Sum of GTIs [s]
livetime	46283.21756022	Livetime [s]
ontime0	46867.076864064	Sum of GTIs [s]
ontime2	46867.07685411	Sum of GTIs [s]
ontime3	46870.317814708	Sum of GTIs [s]
ontime5	46876.79982543	Sum of GTIs [s]
ontime6	46873.558825135	Sum of GTIs [s]
ontime7	46876.79982543	Sum of GTIs [s]
l2events	528282	Number of level 2 events

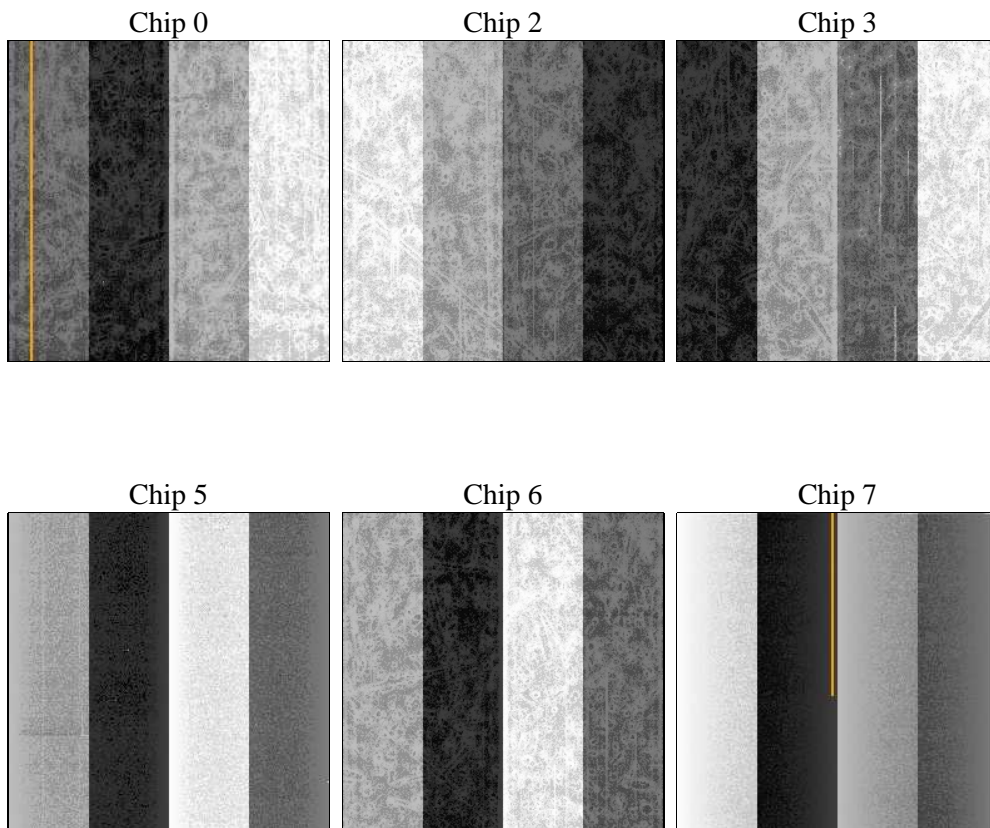
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	46876.79982543	Sum of GTIs [s]
caldsver	4.4.9	&#160	ontime0	46867.076864064	Sum of GTIs [s]
date	2012-04-25T11:40:14	Date and time of file creation	ontime2	46867.07685411	Sum of GTIs [s]
revision	2	Processing version of data	ontime3	46870.317814708	Sum of GTIs [s]
			ontime5	46876.79982543	Sum of GTIs [s]
			ontime6	46873.558825135	Sum of GTIs [s]
			ontime7	46876.79982543	Sum of GTIs [s]
			l1events	2402792	Number of level 1 events

### 2.1.4 Events

	ccd 0	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7		ccd 0	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	342951	379055	361396	530386	381352	407652	grade 0 events	11458	11431	10874	42014	12046	16696
rejected events	308462	345169	328762	259604	344266	222820		3%	3%	3%	7%	3%	4%
rejected %	89%	91%	90%	48%	90%	54%	grade 1 events	194	212	206	813	191	482
								0%	0%	0%	0%	0%	0%
							grade 2 events	8445	8403	7394	76336	8465	37355
								2%	2%	2%	14%	2%	9%
							grade 3 events	4010	3715	3776	10771	4148	17196
								1%	0%	1%	2%	1%	4%
							grade 4 events	3736	3718	3867	9822	4150	17008
								1%	0%	1%	1%	1%	4%
							grade 5 events	12506	11835	14467	41483	15134	43476
								3%	3%	4%	7%	3%	10%
							grade 6 events	6840	6619	6723	131839	8277	96577
								1%	1%	1%	24%	2%	23%
							grade 7 events	295762	333122	314089	217308	328941	178862
								86%	87%	86%	40%	86%	43%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-023567	ACIS-023567	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	282.8566646634732	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-23.61008028617822	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	93.90002367769908			
[mm] SIM focus pos	-0.684267	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	-190.132523	51.99855475156236			
[mm] SIM translation stage offset	0	74.98693414003921			
[s] Observation start time (MET)	296713122.710078	296713121.68506			
Observation start date	2007-05-28T04:18:43	2007-05-28T04:18:41			
[s] Observation end time (MET)	296762683.512449	296762682.48743			
Observation end date	2007-05-28T18:04:44	2007-05-28T18:04:42			
Read mode	TIMED	TIMED			

## 2.3 Star Slots

## 2.4 FID Slots

## A Summary

### A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	46.87679982543

### A.2 Comments