

# V&V Reference Report

## L2 ASCDS Version : 8.4.3

Observation 55367 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 11 2012

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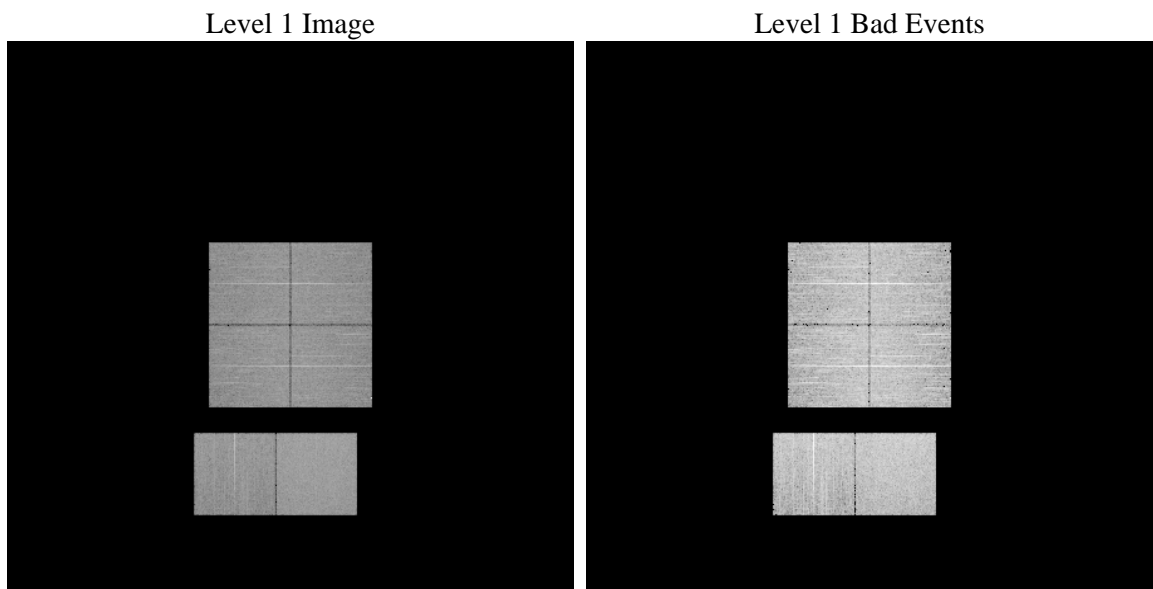
# 1 Front

seq_num	&#160	Sequence number
obs_id	55367	Observation id
title	ACIS-012367 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	263.33215416846	Nominal RA [deg]
dec_nom	-33.514453590395	Nominal Dec [deg]
roll_nom	237.27816456198	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8143.9999697208	Sum of GTIs [s]
livetime	8040.8757383762	Livetime [s]
ontime0	8143.9999697208	Sum of GTIs [s]
ontime1	8143.9999697208	Sum of GTIs [s]
ontime2	8143.9999697208	Sum of GTIs [s]
ontime3	8143.9999697208	Sum of GTIs [s]
ontime6	8143.9999697208	Sum of GTIs [s]
ontime7	8143.9999697208	Sum of GTIs [s]
l2events	305839	Number of level 2 events

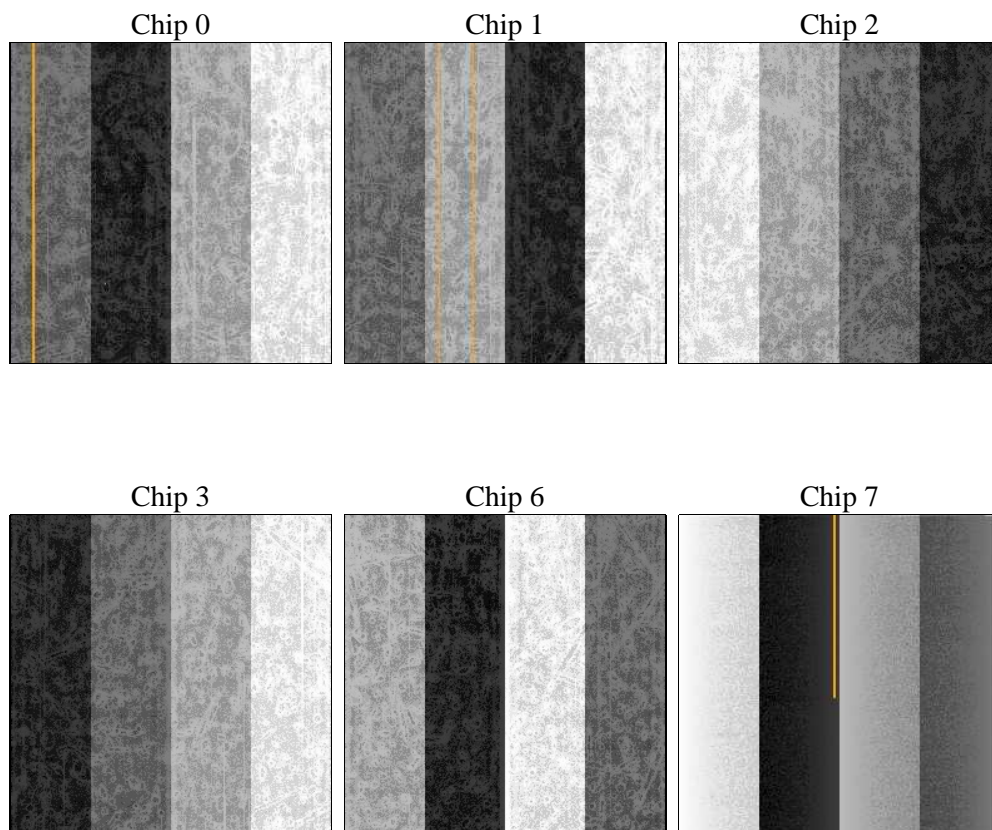
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	8143.9999697208	Sum of GTIs [s]
caldsver	4.4.7	&#160	ontime0	8143.9999697208	Sum of GTIs [s]
date	2012-02-11T21:06:29	Date and time of file creation	ontime1	8143.9999697208	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8143.9999697208	Sum of GTIs [s]
			ontime3	8143.9999697208	Sum of GTIs [s]
			ontime6	8143.9999697208	Sum of GTIs [s]
			ontime7	8143.9999697208	Sum of GTIs [s]
			l1events	657194	Number of level 1 events

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	101042	100558	103400	107482	106326	138386	grade 0 events	26332	25561	26631	26773	26641	13597
rejected events	51952	51656	54880	57710	55639	60650		26%	25%	25%	24%	25%	9%
rejected %	51%	51%	53%	53%	52%	43%	grade 1 events	163	129	172	171	128	118
								0%	0%	0%	0%	0%	0%
							grade 2 events	9186	9549	8853	9640	9319	17366
								9%	9%	8%	8%	8%	12%
							grade 3 events	3373	3339	3382	3397	3334	7014
								3%	3%	3%	3%	3%	5%
							grade 4 events	3466	3430	3400	3537	3471	7022
								3%	3%	3%	3%	3%	5%
							grade 5 events	3400	3484	3137	3681	3675	9174
								3%	3%	3%	3%	3%	6%
							grade 6 events	7646	7865	7163	7340	8788	34129
								7%	7%	6%	6%	8%	24%
							grade 7 events	47476	47201	50662	52943	50970	49966
								46%	46%	48%	49%	47%	36%

## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	263.3321541684591
[deg] Pointing Dec	0	-33.51445359039472
[deg] Pointing Roll	0.0	237.2781645619793
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	424032627.975565	424032627.975565
Observation start date	2011-06-09T18:50:28	2011-06-09T18:50:27
[s] Observation end time (MET)	424041446.920584	424041446.920584
Observation end date	2011-06-09T21:17:27	2011-06-09T21:17:26
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

## 2.3 Star Slots

## 2.4 FID Slots

## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1439999697208

### A.2 Comments