

# V&V Reference Report

## L2 ASCDS Version : 8.4.3

Observation 58925 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Apr 3 2012

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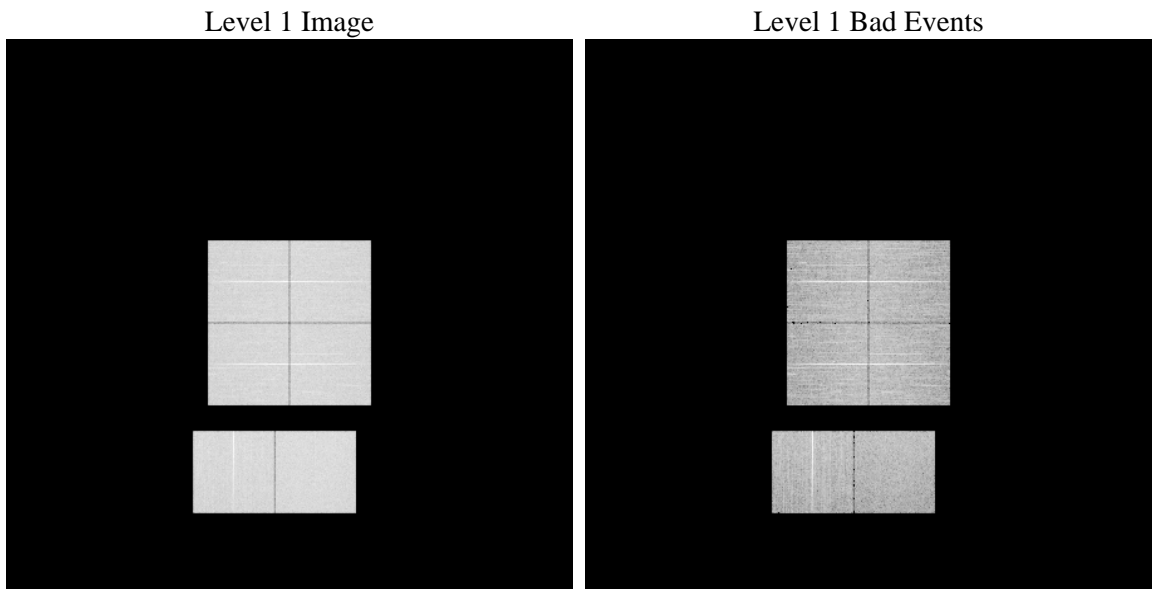
# 1 Front

seq_num	&#160	Sequence number
obs_id	58925	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	281.21960040491	Nominal RA [deg]
dec_nom	-51.871997714134	Nominal Dec [deg]
roll_nom	29.689904551147	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8255.301951319	Sum of GTIs [s]
livetime	8150.7683472653	Livetime [s]
ontime0	8141.826590538	Sum of GTIs [s]
ontime1	8203.3641963899	Sum of GTIs [s]
ontime2	8089.8888558745	Sum of GTIs [s]
ontime3	8115.9809279442	Sum of GTIs [s]
ontime6	8225.9689983726	Sum of GTIs [s]
ontime7	8255.301951319	Sum of GTIs [s]
l2events	961514	Number of level 2 events

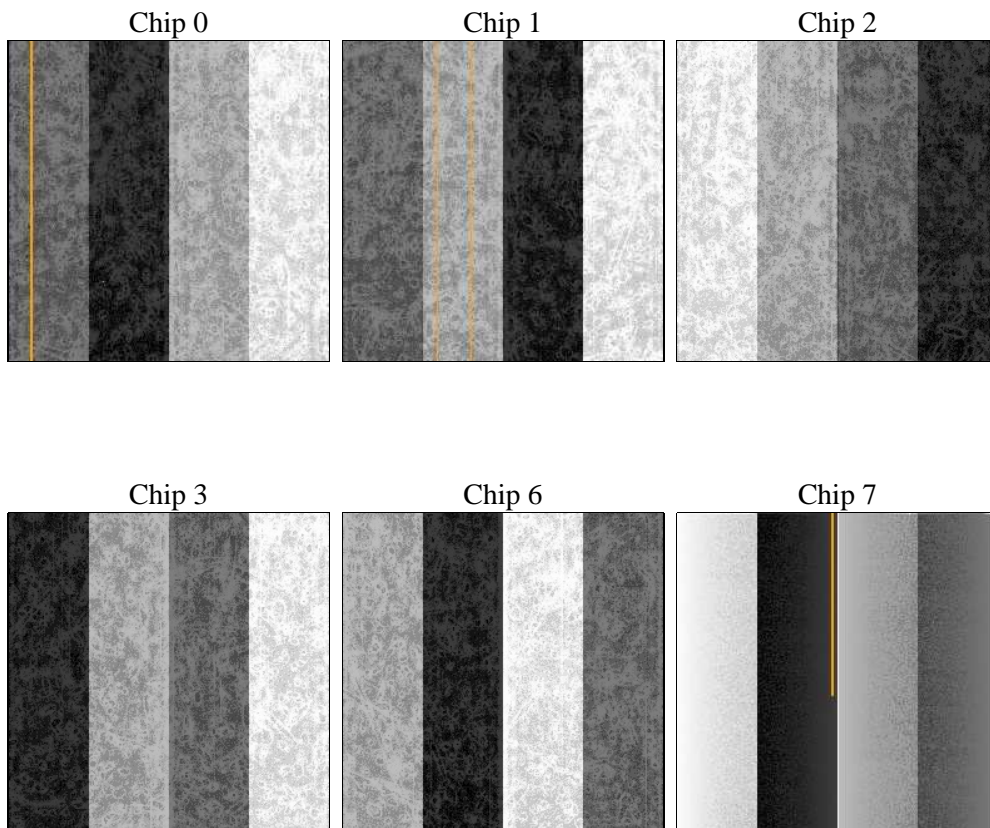
## 2 OBI

### 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	8.4.3.1	Processing system revision	ontime	8255.301951319	Sum of GTIs [s]
caldsver	4.4.9	&#160	ontime0	8141.826590538	Sum of GTIs [s]
date	2012-04-03T13:43:15	Date and time of file creation	ontime1	8203.3641963899	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8089.8888558745	Sum of GTIs [s]
			ontime3	8115.9809279442	Sum of GTIs [s]
			ontime6	8225.9689983726	Sum of GTIs [s]
			ontime7	8255.301951319	Sum of GTIs [s]
			l1events	1432489	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	232359	234222	231676	234990	244340	254902	grade 0 events	87650	87275	89087	89848	91047	42791
rejected events	70745	70494	71615	72541	72934	61458		37%	37%	38%	38%	37%	16%
rejected %	30%	30%	30%	30%	29%	24%	grade 1 events	579	552	727	700	495	166
								0%	0%	0%	0%	0%	0%
							grade 2 events	28513	30137	26552	27395	30254	42298
								12%	12%	11%	11%	12%	16%
							grade 3 events	10438	10390	10589	10874	10478	18390
								4%	4%	4%	4%	4%	7%
							grade 4 events	10306	10568	10422	10738	10685	18120
								4%	4%	4%	4%	4%	7%
							grade 5 events	3788	4015	3664	4168	4303	10243
								1%	1%	1%	1%	1%	4%
							grade 6 events	24999	25632	23723	23889	29249	72204
								10%	10%	10%	10%	11%	28%
							grade 7 events	66086	65653	66912	67378	67829	50690
								28%	28%	28%	28%	27%	19%

## 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	281.2196004049129
[deg] Pointing Dec	0	-51.87199771413415
[deg] Pointing Roll	0.0	29.68990455114684
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	266874655.849253	266874654.82425
Observation start date	2006-06-16T19:50:56	2006-06-16T19:50:54
[s] Observation end time (MET)	266898499.400369	266898498.37537
Observation end date	2006-06-17T02:28:19	2006-06-17T02:28:18
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.255301951319

### A.2 Comments