

# V&V Reference Report

## L2 ASCDS Version : 8.4.5

Observation 61726 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Sep 11 2012

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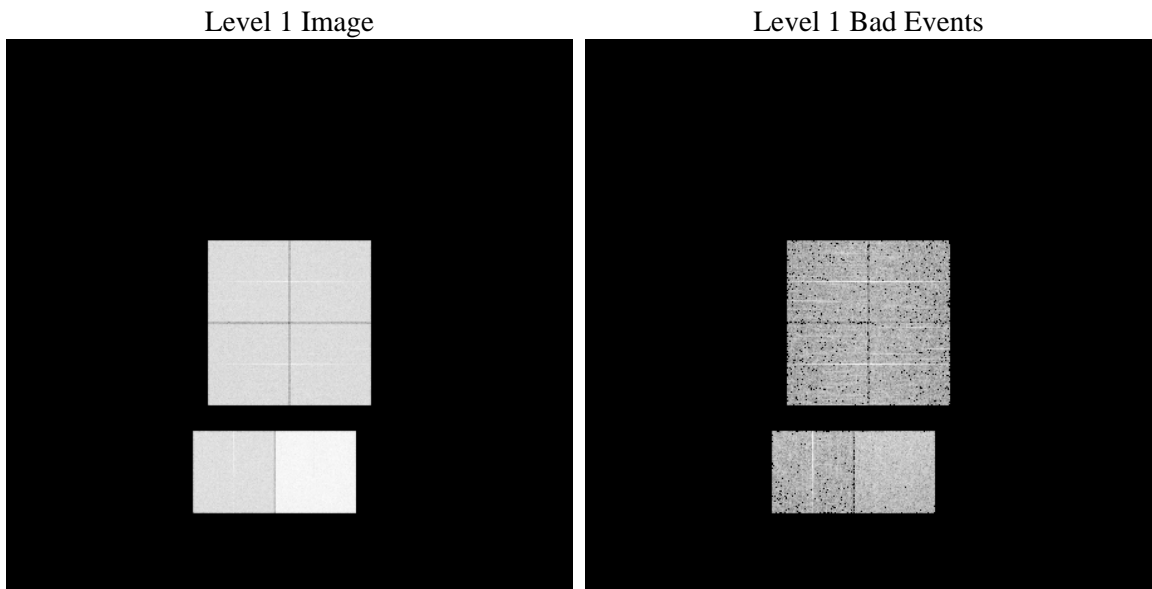
# 1 Front

seq_num	&#160	Sequence number
obs_id	61726	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	231.89634786897	Nominal RA [deg]
dec_nom	-58.949002700276	Nominal Dec [deg]
roll_nom	71.736659414464	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6612.9998380244	Sum of GTIs [s]
livetime	6529.2620522049	Livetime [s]
ontime0	2735.0466279685	Sum of GTIs [s]
ontime1	2694.645531103	Sum of GTIs [s]
ontime2	2561.763489753	Sum of GTIs [s]
ontime3	2639.5480805933	Sum of GTIs [s]
ontime6	2850.2155105472	Sum of GTIs [s]
ontime7	6612.9998380244	Sum of GTIs [s]
l2events	1345021	Number of level 2 events

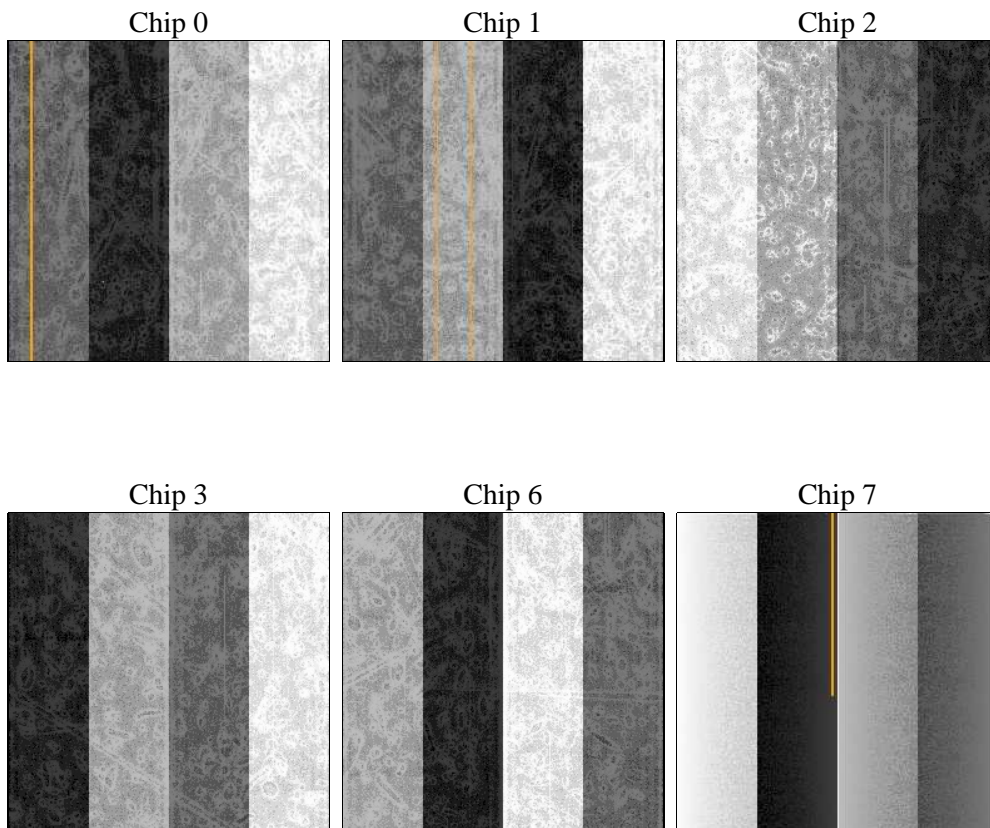
## 2 OBI

### 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	8.4.5	Processing system revision	ontime	6612.9998380244	Sum of GTIs [s]
caldsver	4.5.1.1	&#160	ontime0	2735.0466279685	Sum of GTIs [s]
date	2012-09-12T00:52:45	Date and time of file creation	ontime1	2694.645531103	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2561.763489753	Sum of GTIs [s]
			ontime3	2639.5480805933	Sum of GTIs [s]
			ontime6	2850.2155105472	Sum of GTIs [s]
			ontime7	6612.9998380244	Sum of GTIs [s]
			l1events	1543379	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	207435	204752	198718	203636	226576	502262	grade 0 events	102561	101871	98561	101586	111606	119764
rejected events	21087	20443	21320	21555	22566	34759		49%	49%	49%	49%	49%	23%
rejected %	10%	9%	10%	10%	9%	6%	grade 1 events	585	533	472	550	570	329
								0%	0%	0%	0%	0%	0%
							grade 2 events	32721	32367	31350	31882	35352	103347
								15%	15%	15%	15%	15%	20%
							grade 3 events	11842	11675	11163	11622	12643	48029
								5%	5%	5%	5%	5%	9%
							grade 4 events	12020	11646	11207	11547	12583	47811
								5%	5%	5%	5%	5%	9%
							grade 5 events	1569	1551	1495	1590	1836	7629
								0%	0%	0%	0%	0%	1%
							grade 6 events	27204	26750	25117	25444	32086	148552
								13%	13%	12%	12%	14%	29%
							grade 7 events	18933	18359	19353	19415	19900	26801
								9%	8%	9%	9%	8%	5%

## 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	231.8963478689705
[deg] Pointing Dec	0	-58.94900270027566
[deg] Pointing Roll	0.0	71.73665941446426
[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)	99381969.087557	99381968.31908999
Observation start date	2001-02-24T06:06:09	2001-02-24T06:06:08
[s] Observation end time (MET)	99427054.739297	99427053.970827
Observation end date	2001-02-24T18:37:35	2001-02-24T18:37:33
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)	2012.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.6129998380244

### A.2 Comments