

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 58288 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Apr 29 2012

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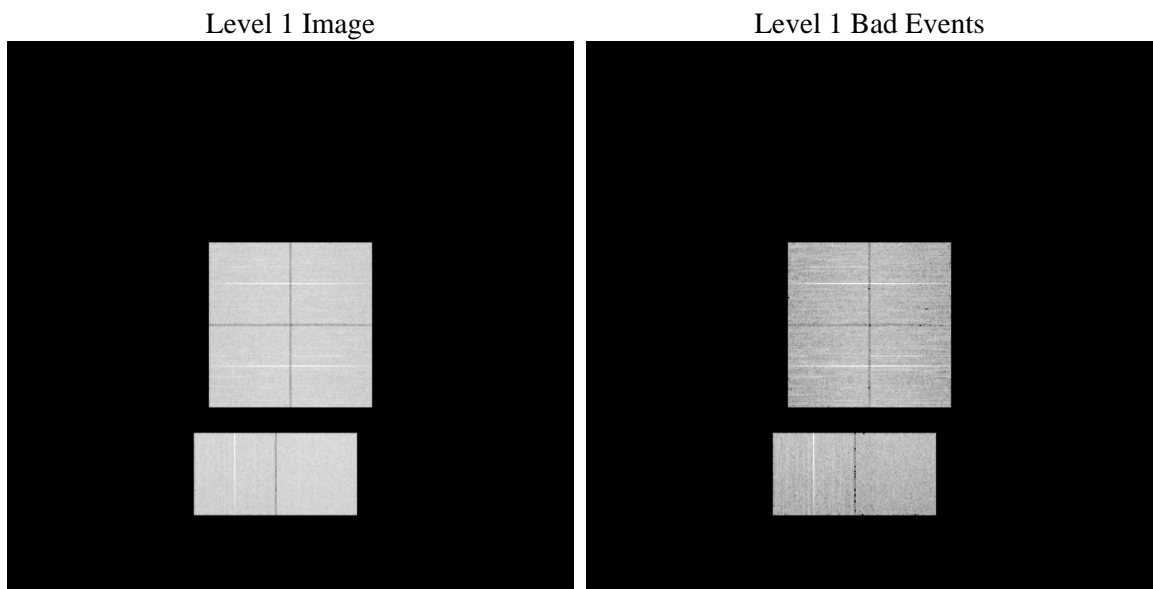
# 1 Front

seq_num	&#160	Sequence number
obs_id	58288	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	344.99069136577	Nominal RA [deg]
dec_nom	-25.473220750595	Nominal Dec [deg]
roll_nom	78.488473164701	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8268.7999692559	Sum of GTIs [s]
livetime	8164.0954451716	Livetime [s]
ontime0	8268.7999692559	Sum of GTIs [s]
ontime1	8268.7999692559	Sum of GTIs [s]
ontime2	8268.7999692559	Sum of GTIs [s]
ontime3	8268.7999692559	Sum of GTIs [s]
ontime6	8268.7999692559	Sum of GTIs [s]
ontime7	8268.7999692559	Sum of GTIs [s]
l2events	698989	Number of level 2 events

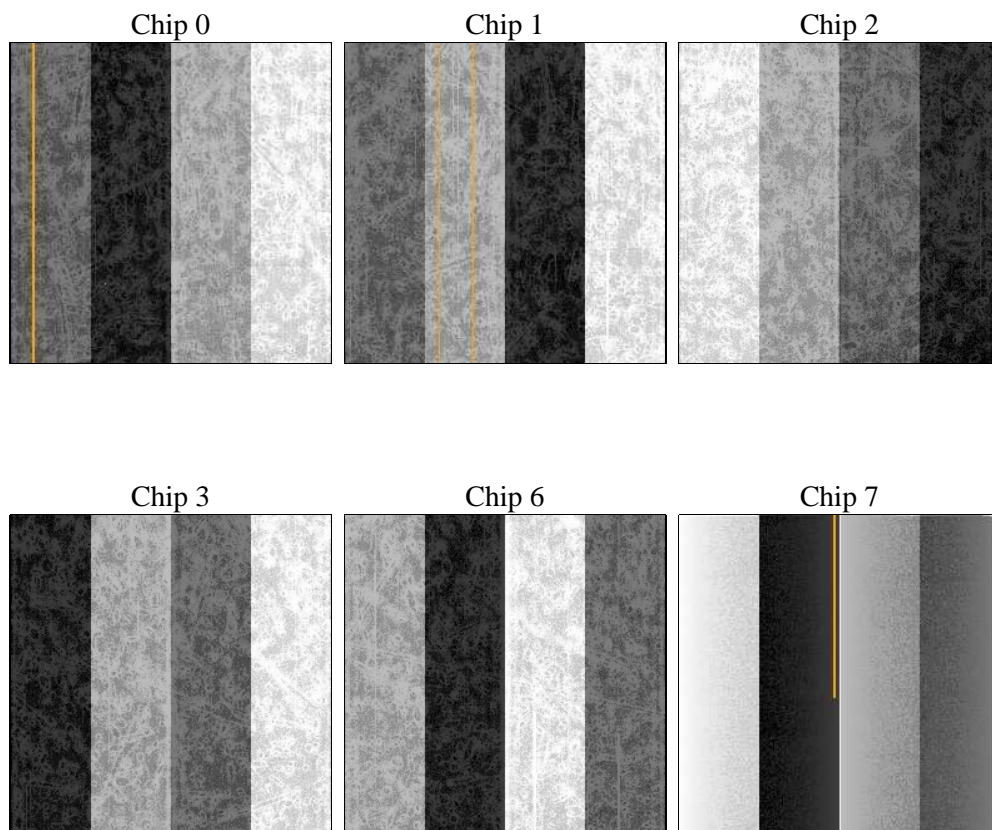
## 2 OBI

### 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	8268.7999692559	Sum of GTIs [s]
caldsver	4.4.9	&#160	ontime0	8268.7999692559	Sum of GTIs [s]
date	2012-04-29T03:40:43	Date and time of file creation	ontime1	8268.7999692559	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8268.7999692559	Sum of GTIs [s]
			ontime3	8268.7999692559	Sum of GTIs [s]
			ontime6	8268.7999692559	Sum of GTIs [s]
			ontime7	8268.7999692559	Sum of GTIs [s]
			l1events	1182953	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	191057	187742	193195	195243	198711	217005	grade 0 events	62680	61212	64930	65195	62534	30280
rejected events	75313	71239	77320	77803	78216	66098		32%	32%	33%	33%	31%	13%
rejected %	39%	37%	40%	39%	39%	30%	grade 1 events	449	321	471	504	345	171
								0%	0%	0%	0%	0%	0%
							grade 2 events	20382	22433	18876	19798	22472	33299
								10%	11%	9%	10%	11%	15%
							grade 3 events	7686	7273	7663	7852	7478	13868
								4%	3%	3%	4%	3%	6%
							grade 4 events	7521	7480	7668	7892	7550	13861
								3%	3%	3%	4%	3%	6%
							grade 5 events	3917	3977	3666	4225	4077	10380
								2%	2%	1%	2%	2%	4%
							grade 6 events	17475	18105	16738	16703	20461	59599
								9%	9%	8%	8%	10%	27%
							grade 7 events	70947	66941	73183	73074	73794	55547
								37%	35%	37%	37%	37%	25%

## 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	344.9906913657697
[deg] Pointing Dec	0	-25.47322075059467
[deg] Pointing Roll	0.0	78.48847316470115
[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)	302743476.79879	302743475.77379
Observation start date	2007-08-05T23:24:37	2007-08-05T23:24:35
[s] Observation end time (MET)	302769468.750038	302769467.72503
Observation end date	2007-08-06T06:37:49	2007-08-06T06:37:47
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2687999692559

### A.2 Comments