

# V&V Reference Report

## L2 ASCDS Version : 8.4.5

Observation 62895 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Aug 23 2012

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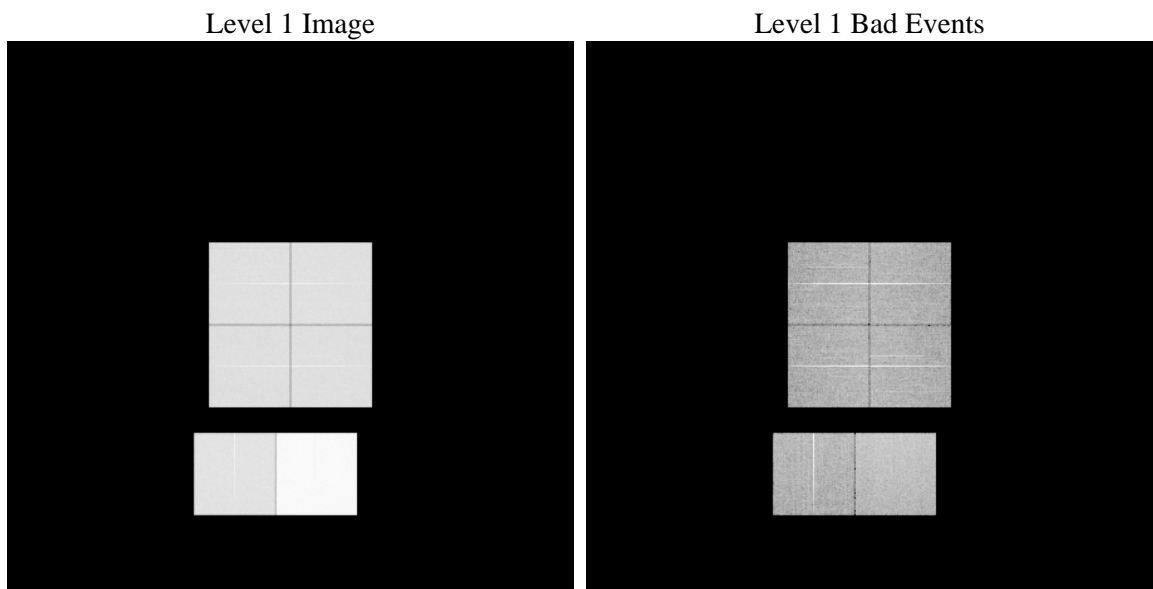
# 1 Front

seq_num	&#160	Sequence number
obs_id	62895	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	91.236517973954	Nominal RA [deg]
dec_nom	-67.323203916634	Nominal Dec [deg]
roll_nom	300.6771085797	Nominal Roll [deg]
revision	4	Processing version of data
ontime	22491.747407928	Sum of GTIs [s]
livetime	22206.943359345	Livetime [s]
ontime0	9024.4532093704	Sum of GTIs [s]
ontime1	9181.0059668273	Sum of GTIs [s]
ontime2	8604.1419681162	Sum of GTIs [s]
ontime3	8701.2089381218	Sum of GTIs [s]
ontime6	9667.2437463552	Sum of GTIs [s]
ontime7	22491.747407928	Sum of GTIs [s]
l2events	5842164	Number of level 2 events

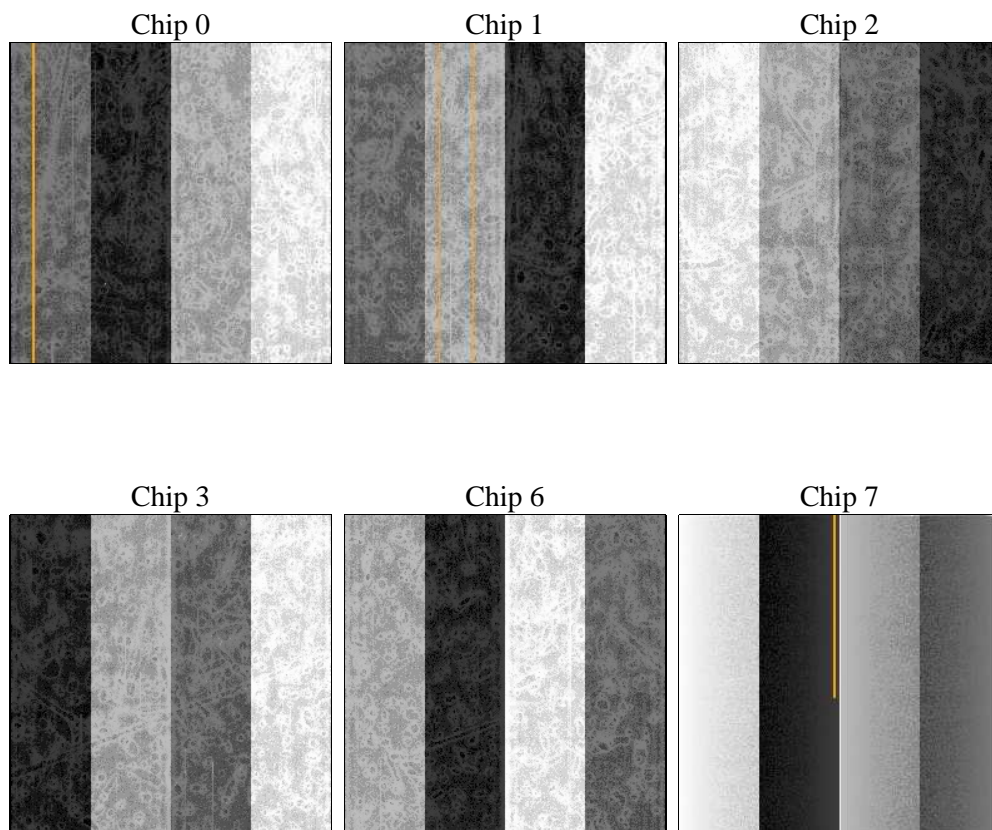
## 2 OBI

### 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	8.4.5	Processing system revision	ontime	22491.747407928	Sum of GTIs [s]
caldsver	4.5.1.1	&#160	ontime0	9024.4532093704	Sum of GTIs [s]
date	2012-08-23T04:27:13	Date and time of file creation	ontime1	9181.0059668273	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	8604.1419681162	Sum of GTIs [s]
			ontime3	8701.2089381218	Sum of GTIs [s]
			ontime6	9667.2437463552	Sum of GTIs [s]
			ontime7	22491.747407928	Sum of GTIs [s]
			l1events	6665603	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	877350	891896	852920	863129	986866	2193442	grade 0 events	435704	443912	424662	431291	484992	528026
rejected events	87882	87590	89689	91353	95956	130702		49%	49%	49%	49%	49%	24%
rejected %	10%	9%	10%	10%	9%	5%	grade 1 events	2687	2777	2725	2755	2833	1532
								0%	0%	0%	0%	0%	0%
							grade 2 events	138409	140698	133679	134449	153710	455886
								15%	15%	15%	15%	15%	20%
							grade 3 events	50059	51204	48443	48931	55193	211889
								5%	5%	5%	5%	5%	9%
							grade 4 events	50392	51390	48027	48865	55309	210882
								5%	5%	5%	5%	5%	9%
							grade 5 events	6386	6596	6157	6556	7573	30138
								0%	0%	0%	0%	0%	1%
							grade 6 events	114904	117102	108420	108240	141706	656057
								13%	13%	12%	12%	14%	29%
							grade 7 events	78809	78217	80807	82042	85550	99032
								8%	8%	9%	9%	8%	4%

## 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	91.23651797395436
[deg] Pointing Dec	0	-67.32320391663407
[deg] Pointing Roll	0.0	300.6771085797045
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	67446559.492	67446558.723389
Observation start date	2000-02-20T15:09:19	2000-02-20T15:09:18
[s] Observation end time (MET)	67484945.743	67484944.97478899
Observation end date	2000-02-21T01:49:06	2000-02-21T01:49:04
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	0.000000	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)	2012.08.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	22.491747407928

### A.2 Comments