

# V&V Reference Report

## L2 ASCDS Version : 8.4.5

Observation 61896 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Sep 5 2012

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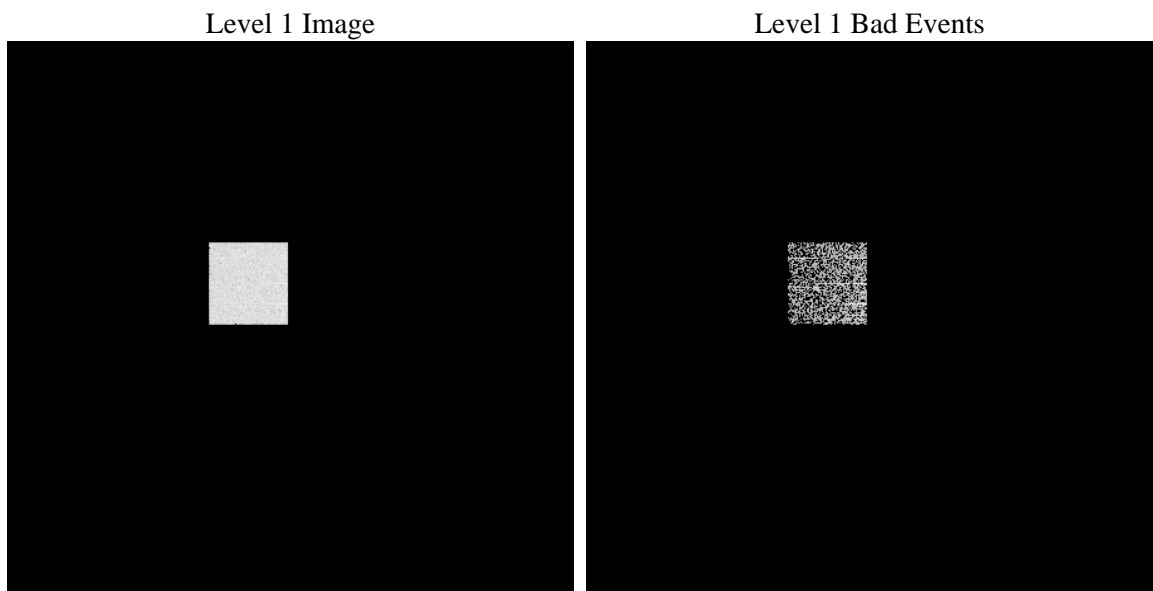
# 1 Front

seq_num	&#160	Sequence number
obs_id	61896	Observation id
title	ACIS-0 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	330.44887051423	Nominal RA [deg]
dec_nom	-44.376632275047	Nominal Dec [deg]
roll_nom	314.0779515009	Nominal Roll [deg]
revision	4	Processing version of data
ontime	587.39999948442	Sum of GTIs [s]
livetime	580.18461266509	Livetime [s]
ontime0	587.39999948442	Sum of GTIs [s]
l2events	38409	Number of level 2 events

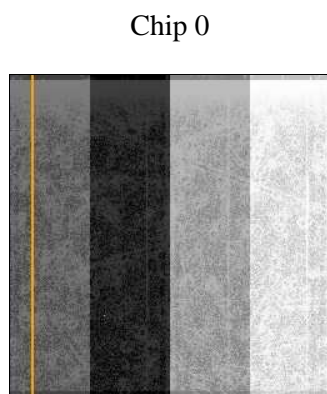
## 2 OBI

### 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	587.39999948442	Sum of GTIs [s]
caldsver	4.5.1.1	&#160	ontime0	587.39999948442	Sum of GTIs [s]
date	2012-09-05T19:25:35	Date and time of file creation	l1events	47534	Number of level 1 events
revision	4	Processing version of data			

### 2.1.4 Events

	<b>ccd 0</b>
level 1 events	47534
rejected events	4866
rejected %	10%

	<b>ccd 0</b>
grade 0 events	23460
	49%
grade 1 events	114
	0%
grade 2 events	7504
	15%
grade 3 events	2830
	5%
grade 4 events	2761
	5%
grade 5 events	310
	0%
grade 6 events	6346
	13%
grade 7 events	4209
	8%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-0	ACIS-0	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	330.4488705142261	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-44.37663227504653	[s] Primary exposure time	3.3	3.3
[deg] Pointing Roll	0.0	314.0779515008979			
[mm] SIM focus pos	-0.782348	-1.428180813131781			
[mm] SIM defocus	0	0.1051558262725154			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	86851964.759041	86851963.990583			
Observation start date	2000-10-02T05:32:45	2000-10-02T05:32:43			
[s] Observation end time (MET)	86862475.109437	86862474.34097899			
Observation end date	2000-10-02T08:27:55	2000-10-02T08:27:54			
Read mode	TIMED	TIMED			

## 2.3 Star Slots

## 2.4 FID Slots

## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.58739999948442

### A.2 Comments

Squeegee mode diagnostic observation; bias map is non-standard.