

# V&V Reference Report

## L2 ASCDS Version : 8.4.5

Observation 61932 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Sep 1 2012

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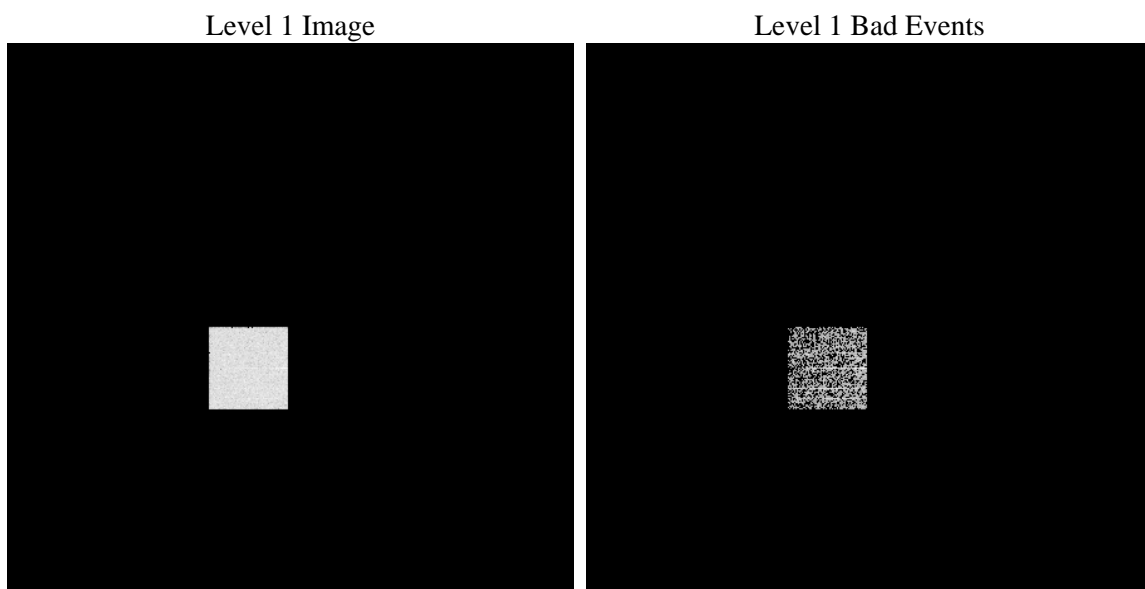
# 1 Front

seq_num	&#160	Sequence number
obs_id	61932	Observation id
title	ACIS-2 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	86.390662469264	Nominal RA [deg]
dec_nom	-57.391316945415	Nominal Dec [deg]
roll_nom	98.791208389525	Nominal Roll [deg]
revision	3	Processing version of data
ontime	589.84753364325	Sum of GTIs [s]
livetime	582.60208229255	Livetime [s]
ontime2	589.84753364325	Sum of GTIs [s]
l2events	39502	Number of level 2 events

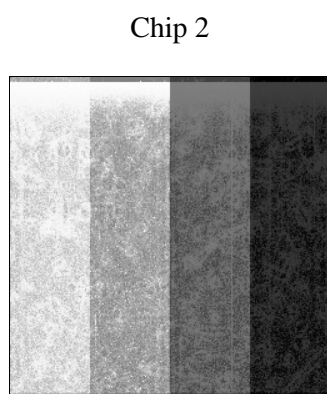
## 2 OBI

### 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	589.84753364325	Sum of GTIs [s]
caldsver	4.5.1.1	&#160	ontime2	589.84753364325	Sum of GTIs [s]
date	2012-09-01T18:24:17	Date and time of file creation	l1events	49204	Number of level 1 events
revision	3	Processing version of data			

### 2.1.4 Events

	<b>ccd 2</b>
level 1 events	49204
rejected events	4934
rejected %	10%

	<b>ccd 2</b>
grade 0 events	24580
	49%
grade 1 events	121
	0%
grade 2 events	7848
	15%
grade 3 events	2922
	5%
grade 4 events	2851
	5%
grade 5 events	310
	0%
grade 6 events	6318
	12%
grade 7 events	4254
	8%

## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-2	ACIS-2
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	86.39066246926421
[deg] Pointing Dec	0	-57.39131694541457
[deg] Pointing Roll	0.0	98.79120838952539
[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)	84975743.188436	84975742.419971
Observation start date	2000-09-10T12:22:23	2000-09-10T12:22:22
[s] Observation end time (MET)	84977705.03850999	84977704.270045
Observation end date	2000-09-10T12:55:05	2000-09-10T12:55:04
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	3.3	3.3

## 2.3 Star Slots

## 2.4 FID Slots

## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.58984753364325

### A.2 Comments

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