

# V&V Reference Report

## L2 ASCDS Version : 8.4.5

Observation 62873 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Sep 1 2012

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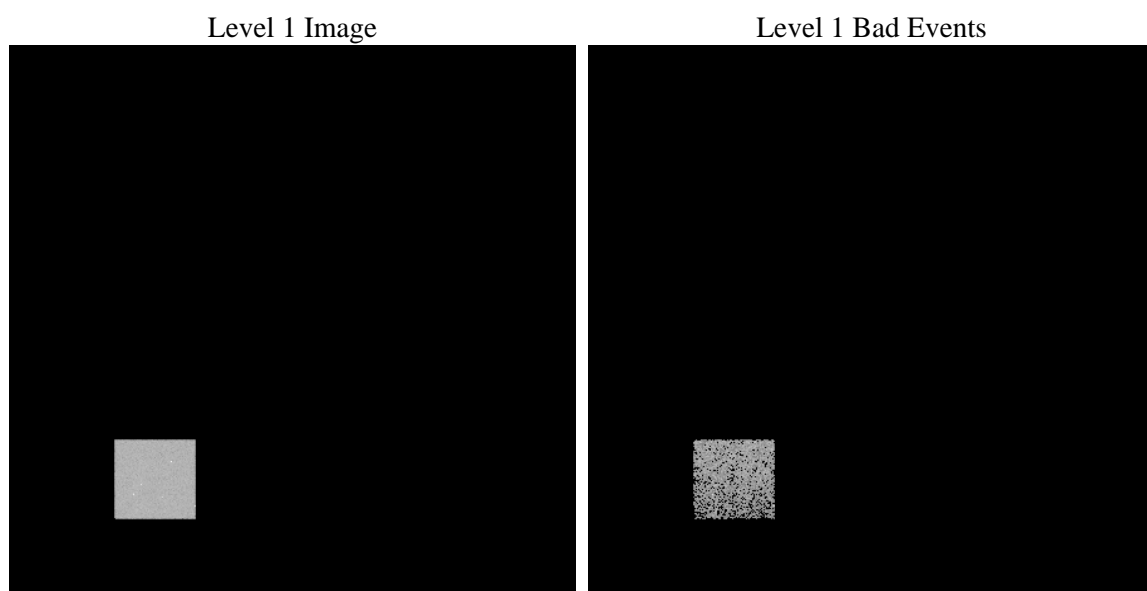
# 1 Front

seq_num	&#160	Sequence number
obs_id	62873	Observation id
title	ACIS-5 diagnostics; squeegee control run	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	56.451248742047	Nominal RA [deg]
dec_nom	68.975908855226	Nominal Dec [deg]
roll_nom	109.07489722086	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1475.0999986827	Sum of GTIs [s]
livetime	1456.9804598727	Livetime [s]
ontime5	1475.0999986827	Sum of GTIs [s]
l2events	98661	Number of level 2 events

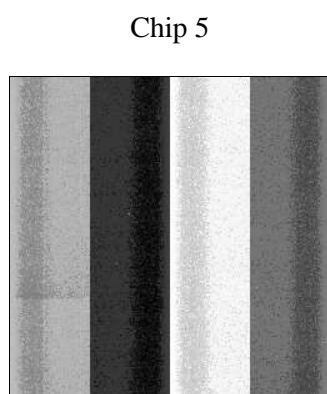
## 2 OBI

### 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	1475.0999986827	Sum of GTIs [s]
caldsver	4.5.1.1	&#160	ontime5	1475.0999986827	Sum of GTIs [s]
date	2012-09-01T16:41:12	Date and time of file creation	l1events	109928	Number of level 1 events
revision	3	Processing version of data			

### 2.1.4 Events

	<b>ccd 5</b>
level 1 events	109928
rejected events	9118
rejected %	8%

	<b>ccd 5</b>
grade 0 events	27821
	25%
grade 1 events	130
	0%
grade 2 events	33069
	30%
grade 3 events	7147
	6%
grade 4 events	7155
	6%
grade 5 events	1926
	1%
grade 6 events	25618
	23%
grade 7 events	7062
	6%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-5	ACIS-5	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	56.45124874204725	Alternating exposures requested	N	N
[deg] Pointing Dec	0	68.97590885522631	[s] Primary exposure time	0.000000	3.3
[deg] Pointing Roll	0.0	109.0748972208563			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	84526059.272	84526058.503084			
Observation start date	2000-09-05T07:27:39	2000-09-05T07:27:38			
[s] Observation end time (MET)	84542877.472	84542876.703715			
Observation end date	2000-09-05T12:07:57	2000-09-05T12:07:56			
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)	2012.09.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.4750999986827

### A.2 Comments