

# V&V Reference Report

## L2 ASCDS Version : 7.6.10

Observation 61942 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Jun 6 2007

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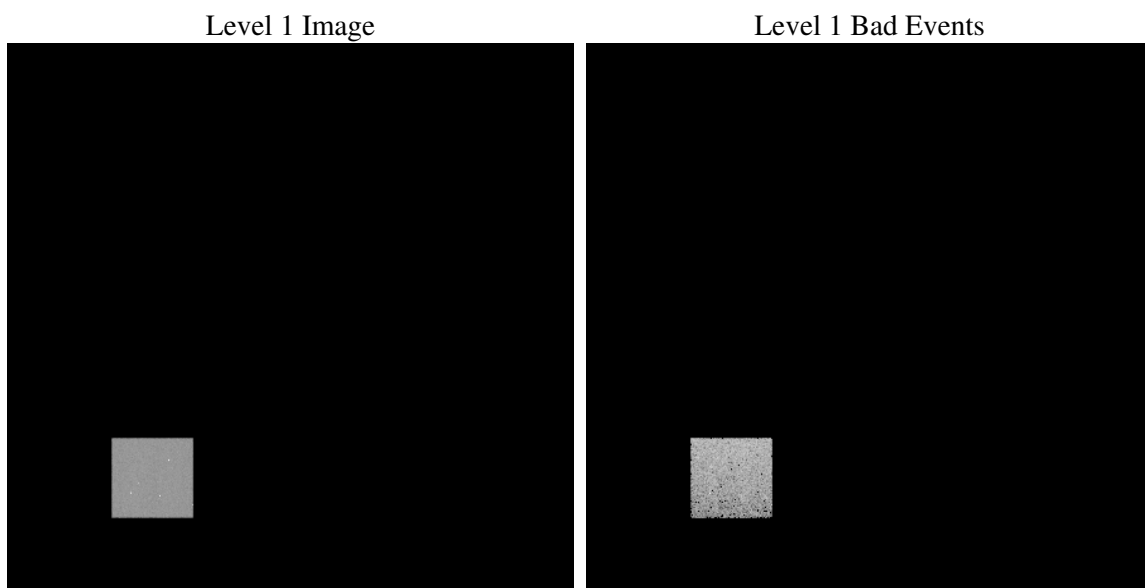
# 1 Front

seq_num	&#160
obs_id	61942
title	ACIS-5 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	&#160
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	56.451426286004
dec_nom	68.97585209707
roll_nom	109.07470027646
revision	2
ontime	4206.0442708135
livetime	4154.3789040791
ontime5	4206.0442708135
l2events	274792

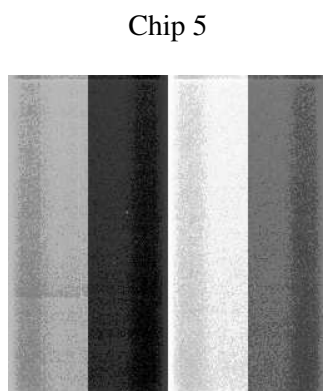
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-07T03:16:42
revision	2

sched_exp_time	0.0
ontime	4206.0442708135
ontime5	4206.0442708135
l1events	308014

### 2.1.4 Events

	<b>ccd 5</b>
level 1 events	308014
rejected events	27020
rejected %	8%

	<b>ccd 5</b>
grade 0 events	76561
	24%
grade 1 events	290
	0%
grade 2 events	94219
	30%
grade 3 events	19683
	6%
grade 4 events	19717
	6%
grade 5 events	5591
	1%
grade 6 events	71038
	23%
grade 7 events	20915
	6%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
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
Pointing RA	0	56.45142628600416	Alternating exposures requested	N	N
Pointing Dec	0	68.97585209706969	Primary exposure time	0.000000	3.3
Pointing Roll	0.0	109.0747002764637			
SIM focus pos (mm)	-0.684267	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	84519148.721	84519147.952824			
Observation start date	2000-09-05T05:32:29	2000-09-05T05:32:27			
Observation end time	84526059.272	84526058.503084			
Observation end date	2000-09-05T07:27:39	2000-09-05T07:27:38			
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)	2007.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.20604427

### A.2 Comments

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