

# V&V Reference Report

## L2 ASCDS Version : 7.6.10

Observation 61985 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Jun 1 2007

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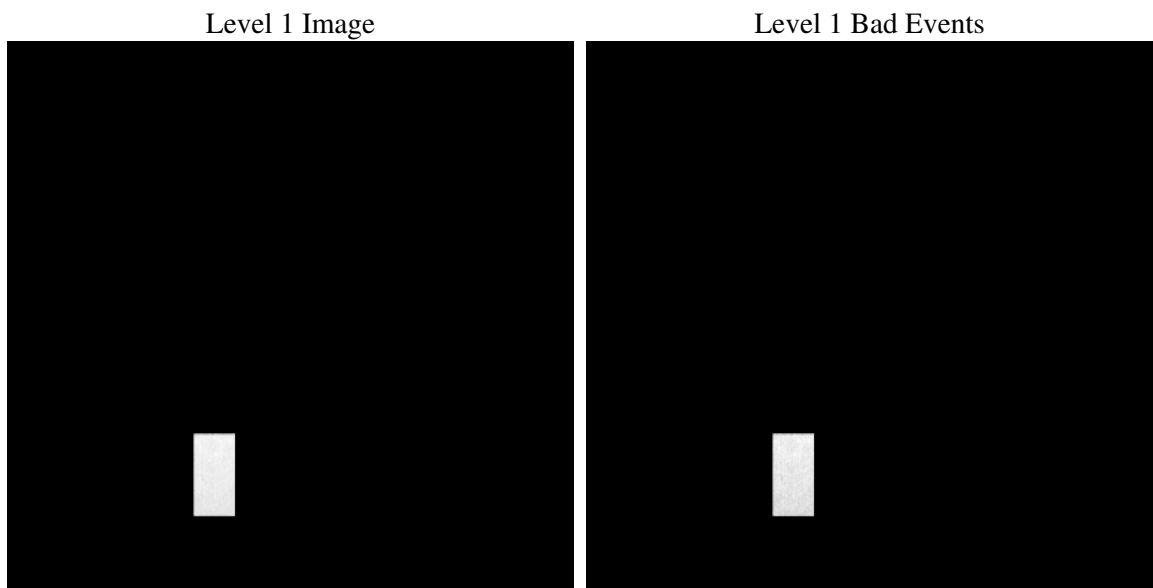
# 1 Front

seq_num	&#160
obs_id	61985
title	ACIS-6 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	&#160
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	171.13864192597
dec_nom	-47.917744978215
roll_nom	222.28994278689
revision	3
ontime	8418.2999923974
livetime	8314.89295995
ontime6	8418.2999923974
l2events	321792

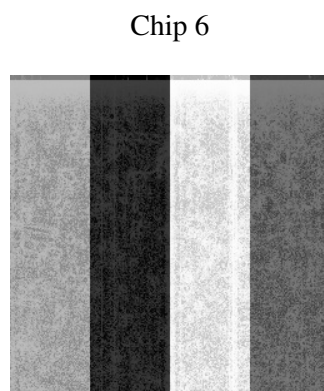
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-01T17:36:51
revision	3

sched_exp_time	0.0
ontime	8418.2999923974
ontime6	8418.2999923974
l1events	917595

### 2.1.4 Events

	<b>ccd 6</b>
level 1 events	917595
rejected events	571729
rejected %	62%

	<b>ccd 6</b>
grade 0 events	187088
	20%
grade 1 events	926
	0%
grade 2 events	61099
	6%
grade 3 events	21476
	2%
grade 4 events	21451
	2%
grade 5 events	3891
	0%
grade 6 events	54752
	5%
grade 7 events	566912
	61%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-6	ACIS-6	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	171.1386419259653	Alternating exposures requested	N	N
Pointing Dec	0	-47.91774497821521	Primary exposure time	0.000000	3.3
Pointing Roll	0.0	222.289942786894			
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	81091517.84299999	81091517.074637			
Observation start date	2000-07-27T13:25:18	2000-07-27T13:25:17			
Observation end time	81135508.795	81135508.026273			
Observation end date	2000-07-28T01:38:29	2000-07-28T01:38:28			
Read mode	TIMED	TIMED			

## **2.3 Star Slots**

## **2.4 FID Slots**

# A Summary

## A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.41829999

## A.2 Comments

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