

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 61759 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Nov 4 2006

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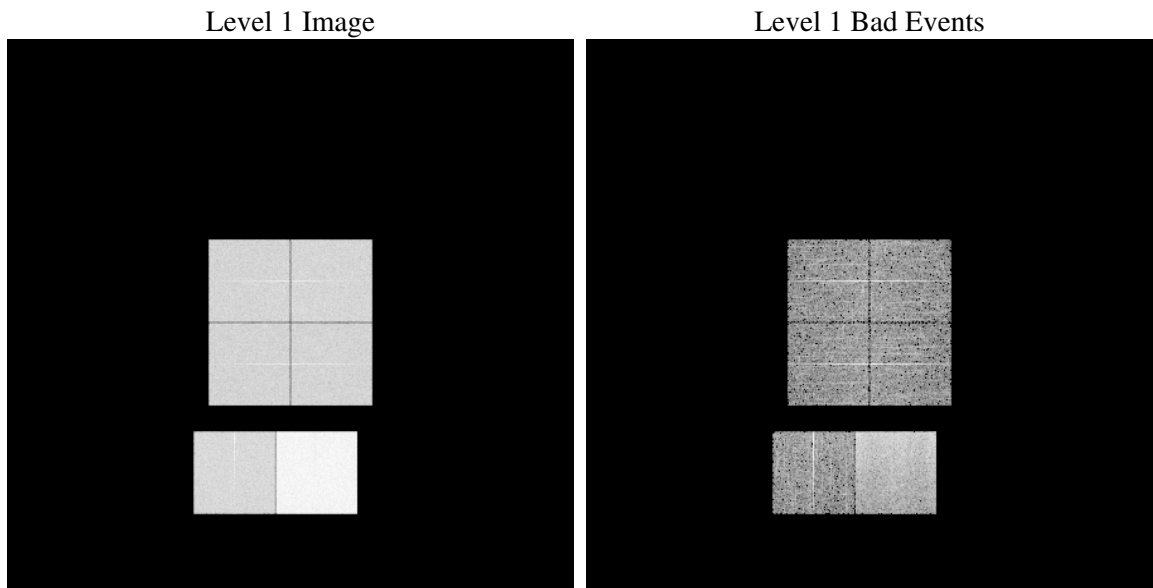
# 1 Front

seq_num	&#160
obs_id	61759
title	ACIS-012367 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	&#160
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	353.93293921375
dec_nom	32.392964425395
roll_nom	313.22860565585
revision	3
ontime	6250.9155856818
livetime	6171.7627286864
ontime0	2682.5870044976
ontime1	2745.7918025851
ontime2	2583.7810823023
ontime3	2604.8025432229
ontime6	2828.4338639379
ontime7	6250.9155856818
l2events	1330218

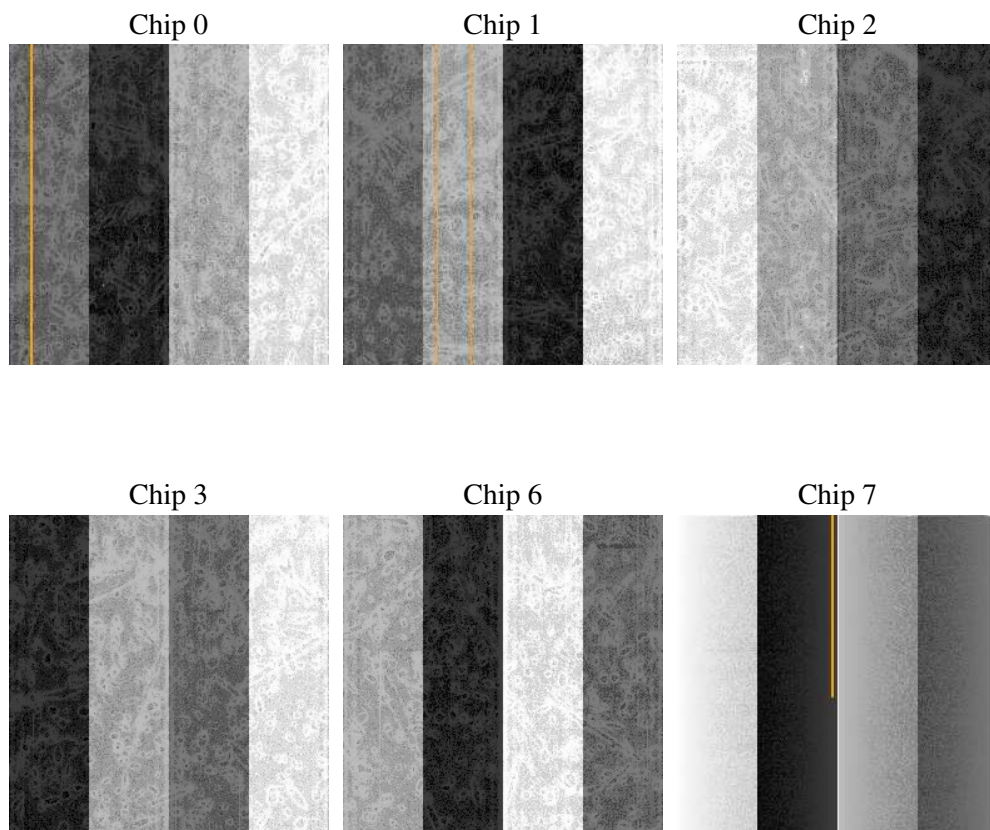
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-11-04T13:32:12
revision	3

sched_exp_time	0.0
ontime	6326.4500046372
ontime0	2715.9886413515
ontime1	2784.050281778
ontime2	2609.0343615264
ontime3	2631.722100094
ontime6	2861.8355007917
ontime7	6326.4500046372
l1events	1548099

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	208576	214235	203738	205609	231029	484912
rejected events	21851	21992	21347	21680	23786	50466
rejected %	10%	10%	10%	10%	10%	10%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	104157	107737	103015	103504	114174	83009
	49%	50%	50%	50%	49%	17%
grade 1 events	553	520	535	547	583	191
	0%	0%	0%	0%	0%	0%
grade 2 events	33323	34315	32034	32822	36186	131089
	15%	16%	15%	15%	15%	27%
grade 3 events	12005	12287	11490	11838	12885	33897
	5%	5%	5%	5%	5%	6%
grade 4 events	11990	12285	11516	11829	13123	32961
	5%	5%	5%	5%	5%	6%
grade 5 events	1490	1542	1383	1436	1651	6742
	0%	0%	0%	0%	0%	1%
grade 6 events	27519	28365	26222	25803	33524	158618
	13%	13%	12%	12%	14%	32%
grade 7 events	17539	17184	17543	17830	18903	38405
	8%	8%	8%	8%	8%	7%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	353.9329392137516	Alternating exposures requested	N	N
Pointing Dec	0	32.39296442539482	Primary exposure time	3.2	3.2
Pointing Roll	0.0	313.2286056558522			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	96888687.241476	96888686.473015			
Observation start date	2001-01-26T09:31:27	2001-01-26T09:31:26			
Observation end time	96910476.692314	96910475.923853			
Observation end date	2001-01-26T15:34:37	2001-01-26T15:34:35			
Read mode	TIMED	TIMED			

## 2.3 Aspect



## **2.4 Star Slots**

## **2.5 FID Slots**



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.25091558

### A.2 Comments