

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 60231 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : May 18 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	8
2.5	FID Slots	8
A	Summary	9
A.1	Status	9
A.2	Comments	9

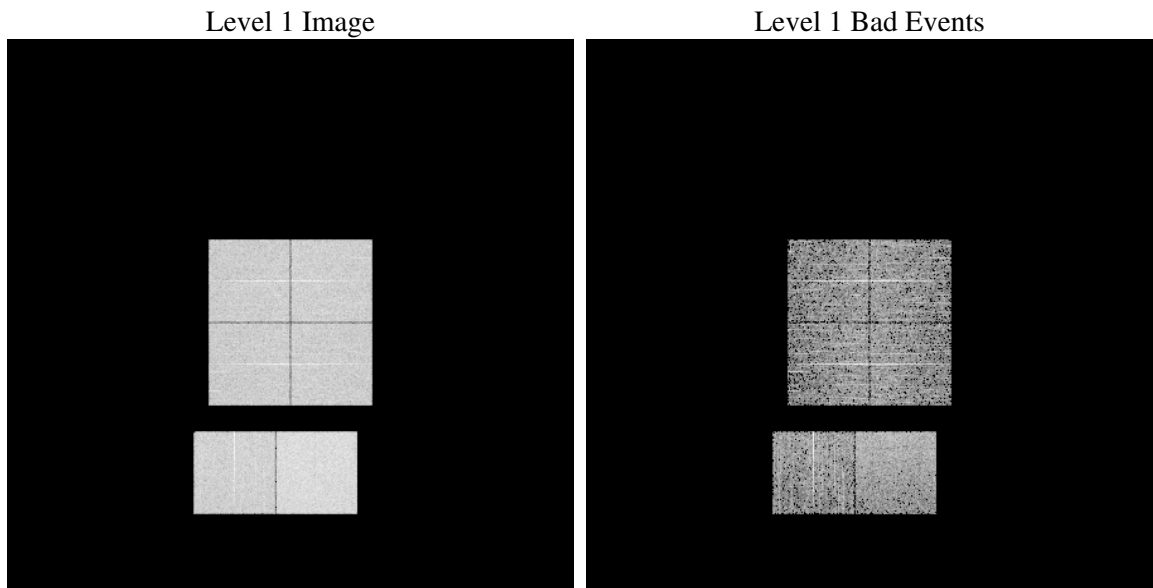
1 Front

seq_num	
obs_id	60231
title	ACIS-012367 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	246.97180357931
dec_nom	4.9942955223403
roll_nom	158.58979670159
revision	2
ontime	3314.7479526103
livetime	3272.7746181327
ontime0	2520.7509931326
ontime1	2627.7438524365
ontime2	2407.3986741602
ontime3	2497.9818120301
ontime6	2644.0307246149
ontime7	3314.7479526103
l2events	479145

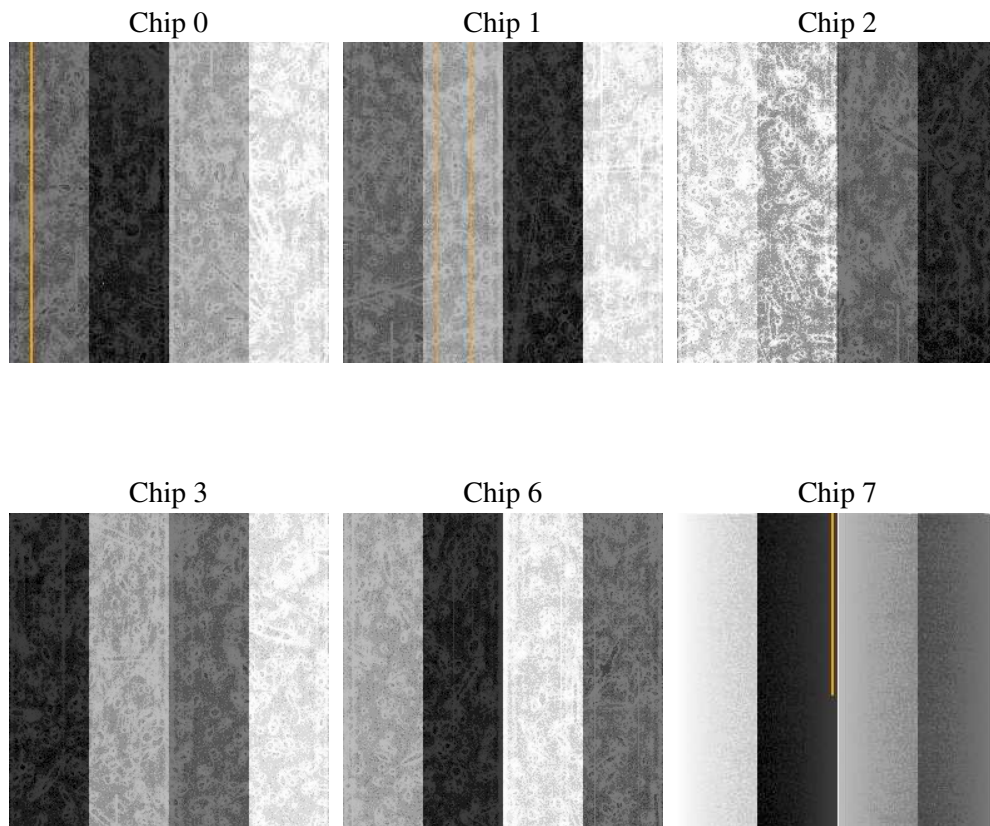
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-05-18T08:44:58
revision	2

sched_exp_time	0.0
ontime	3315.5477862954
ontime0	2521.5097868145
ontime1	2628.4616061151
ontime2	2408.0753878355
ontime3	2498.8226857185
ontime6	2644.6663983166
ontime7	3315.5477862954
l1events	617117

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	94707	98577	92789	95030	104316	131698
rejected events	17359	18006	17850	17829	19430	23757
rejected %	18%	18%	19%	18%	18%	18%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	42350	44342	41901	43035	46039	19401
	44%	44%	45%	45%	44%	14%
grade 1 events	243	250	263	275	255	53
	0%	0%	0%	0%	0%	0%
grade 2 events	13604	14150	12716	13353	14715	32015
	14%	14%	13%	14%	14%	24%
grade 3 events	5054	5079	4938	5085	5450	8012
	5%	5%	5%	5%	5%	6%
grade 4 events	5120	5145	4839	5067	5274	8005
	5%	5%	5%	5%	5%	6%
grade 5 events	1147	1239	1033	1245	1303	2961
	1%	1%	1%	1%	1%	2%
grade 6 events	11220	11855	10545	10661	13408	40508
	11%	12%	11%	11%	12%	30%
grade 7 events	15969	16517	16554	16309	17872	20743
	16%	16%	17%	17%	17%	15%

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	246.9718035793097	Alternating exposures requested	N	N
Pointing Dec	0	4.994295522340316	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	158.589796701588			
SIM focus pos (mm)	-0.782348	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	201271625.010343	201271623.98534			
Observation start date	2004-05-18T12:47:05	2004-05-18T12:47:03			
Observation end time	201284320.660905	201284319.6359			
Observation end date	2004-05-18T16:18:41	2004-05-18T16:18:39			
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)	2006.05.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.31474795

A.2 Comments