

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59375 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Apr 2 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

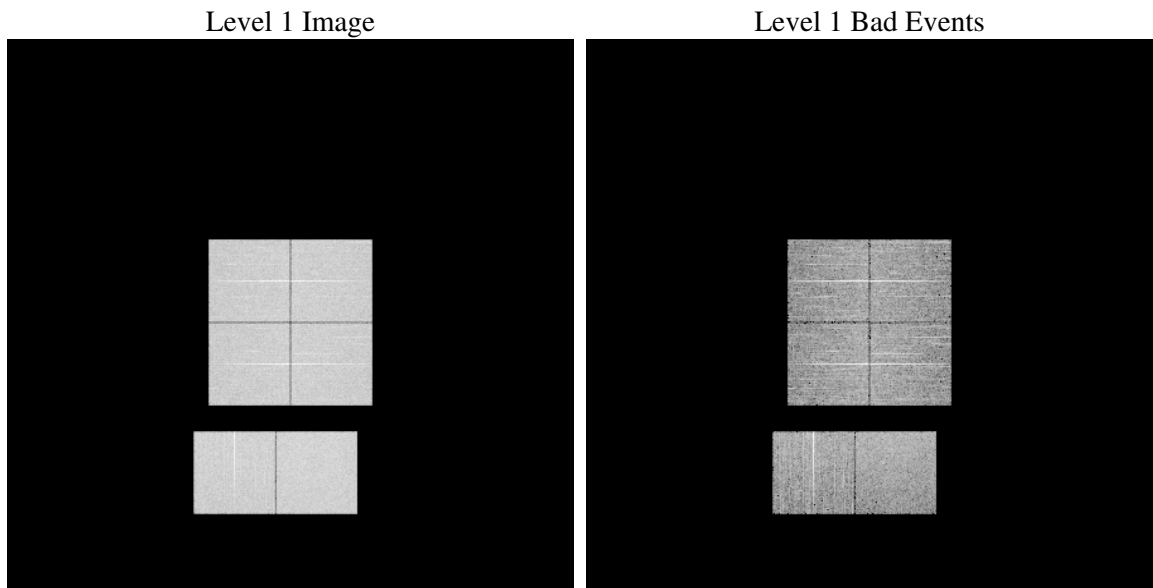
1 Front

seq_num	
obs_id	59375
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	30.024002920243
dec_nom	-17.978951053327
roll_nom	7.1264316803568
revision	2
ontime	6115.1999772191
livetime	6037.7656329762
ontime0	6073.0671932995
ontime1	6115.1999772191
ontime2	5930.4641897082
ontime3	6047.1394405961
ontime6	6115.1999772191
ontime7	6115.1999772191
l2events	787076

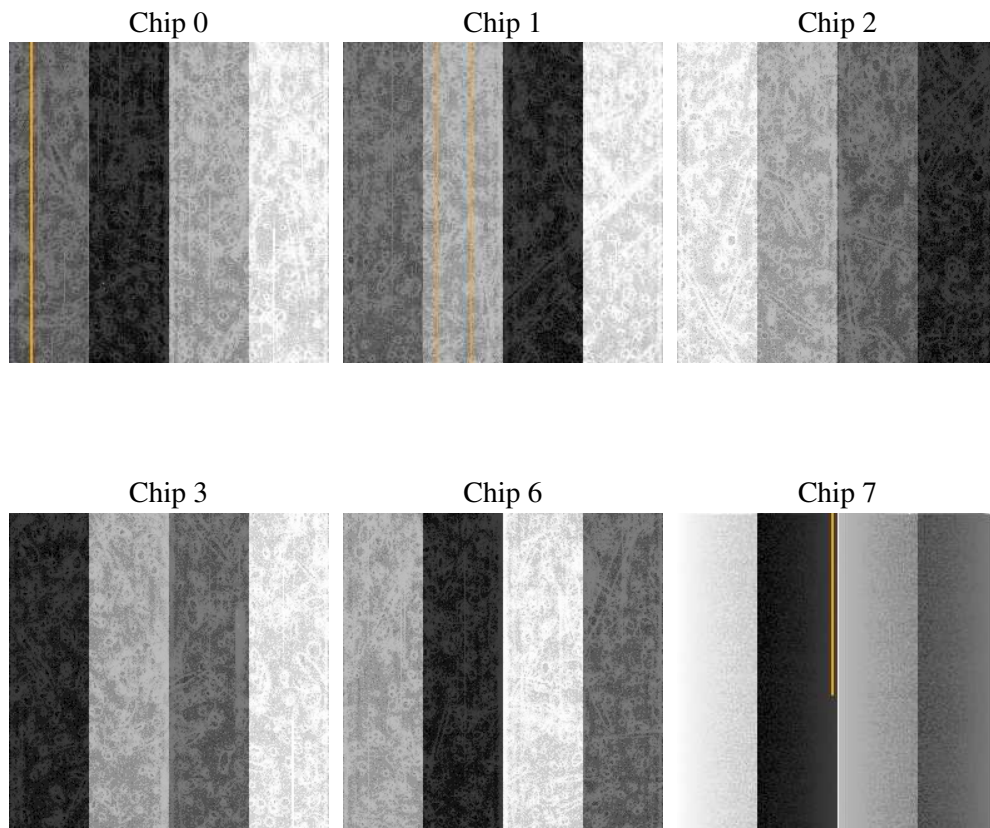
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-03T00:15:49
revision	2

sched_exp_time	0.0
ontime	6167.6409040689
ontime0	6125.5081201494
ontime1	6167.6409040689
ontime2	5982.9051165581
ontime3	6096.3393871486
ontime6	6167.6409040689
ontime7	6167.6409040689
l1events	1109390

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	179236	181262	178726	182697	190993	196476
rejected events	44376	44781	46719	47146	49477	48059
rejected %	24%	24%	26%	25%	25%	24%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	74261	74430	73807	76039	76395	24599
	41%	41%	41%	41%	39%	12%
grade 1 events	457	416	459	525	394	84
	0%	0%	0%	0%	0%	0%
grade 2 events	23922	24933	22617	23441	25140	45308
	13%	13%	12%	12%	13%	23%
grade 3 events	8863	8871	8666	8957	8845	10280
	4%	4%	4%	4%	4%	5%
grade 4 events	8791	8699	8808	8888	8967	10163
	4%	4%	4%	4%	4%	5%
grade 5 events	2532	2839	2470	2861	2949	5360
	1%	1%	1%	1%	1%	2%
grade 6 events	20185	20718	19295	19296	23311	59323
	11%	11%	10%	10%	12%	30%
grade 7 events	40225	40356	42604	42690	44992	41359
	22%	22%	23%	23%	23%	21%

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	30.02400292024349	Alternating exposures requested	N	N
Pointing Dec	0	-17.97895105332671	Primary exposure time	3.2	3.2
Pointing Roll	0.0	7.126431680356792			
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	246315454.994528	246315453.96953			
Observation start date	2005-10-21T20:57:35	2005-10-21T20:57:33			
Observation end time	246336836.495513	246336835.47051			
Observation end date	2005-10-22T02:53:56	2005-10-22T02:53:55			
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)	2006.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.11519997

A.2 Comments