

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 60073 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Apr 19 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

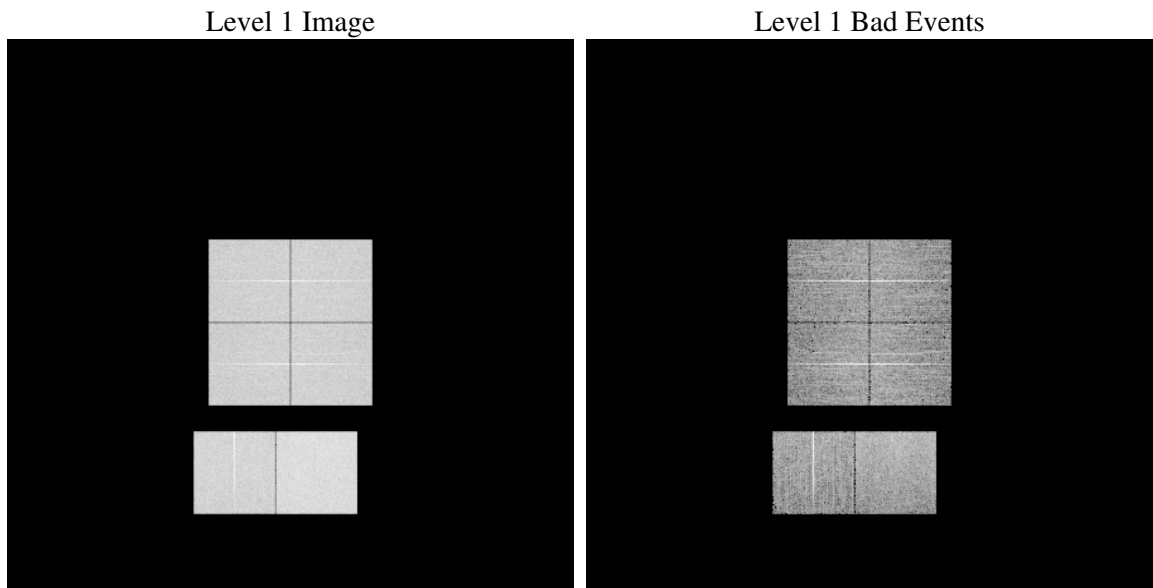
1 Front

seq_num	
obs_id	60073
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	334.98683444953
dec_nom	-1.0260823264772
roll_nom	218.19752087446
revision	2
ontime	7801.5999709368
livetime	7702.8114145452
ontime0	6181.1171783209
ontime1	6223.2495737076
ontime2	5954.2497880459
ontime3	5983.4187686145
ontime6	6501.9731248319
ontime7	7801.5999709368
l2events	1079593

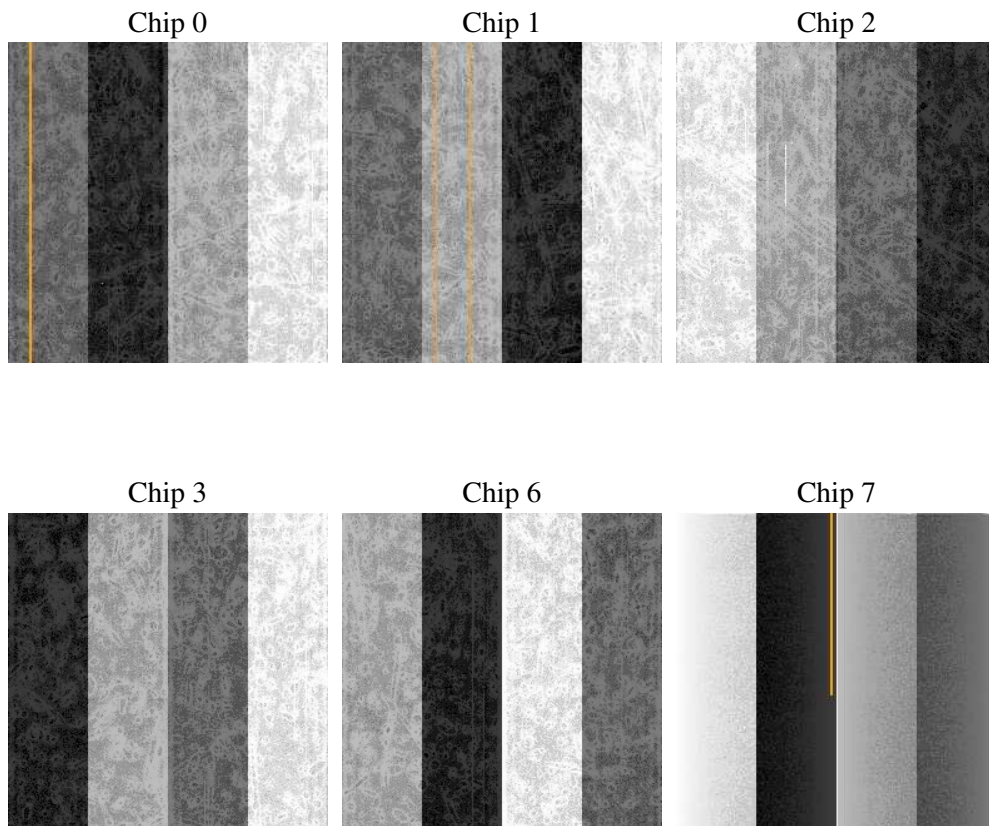
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-19T18:31:01
revision	2

sched_exp_time	0.0
ontime	7804.3305275142
ontime0	6183.8477348983
ontime1	6225.980130285
ontime2	5956.9803446233
ontime3	5986.149325192
ontime6	6504.7036814094
ontime7	7804.3305275142
llevents	1415129

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	218970	222060	215629	219149	243636	295685
rejected events	42842	43487	43396	45832	48548	57375
rejected %	19%	19%	20%	20%	19%	19%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	97028	97473	96466	97120	105542	42039
	44%	43%	44%	44%	43%	14%
grade 1 events	583	516	570	591	587	133
	0%	0%	0%	0%	0%	0%
grade 2 events	30675	31829	29201	29859	34029	71200
	14%	14%	13%	13%	13%	24%
grade 3 events	11541	11435	11397	11076	12275	17467
	5%	5%	5%	5%	5%	5%
grade 4 events	11291	11460	11176	11276	12309	17248
	5%	5%	5%	5%	5%	5%
grade 5 events	2801	2890	2579	2882	3209	7027
	1%	1%	1%	1%	1%	2%
grade 6 events	25683	26452	24097	24070	31031	90448
	11%	11%	11%	10%	12%	30%
grade 7 events	39368	40005	40143	42275	44654	50123
	17%	18%	18%	19%	18%	16%

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	334.9868344495337	Alternating exposures requested	N	N
Pointing Dec	0	-1.026082326477154	Primary exposure time	3.2	3.2
Pointing Roll	0.0	218.1975208744573			
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	210407721.015625	210407719.99062			
Observation start date	2004-09-01T06:35:21	2004-09-01T06:35:19			
Observation end time	210442698.117185	210442697.09217			
Observation end date	2004-09-01T16:18:18	2004-09-01T16:18:17			
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)	2006.04.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.80159997

A.2 Comments