

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 60952 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Oct 13 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

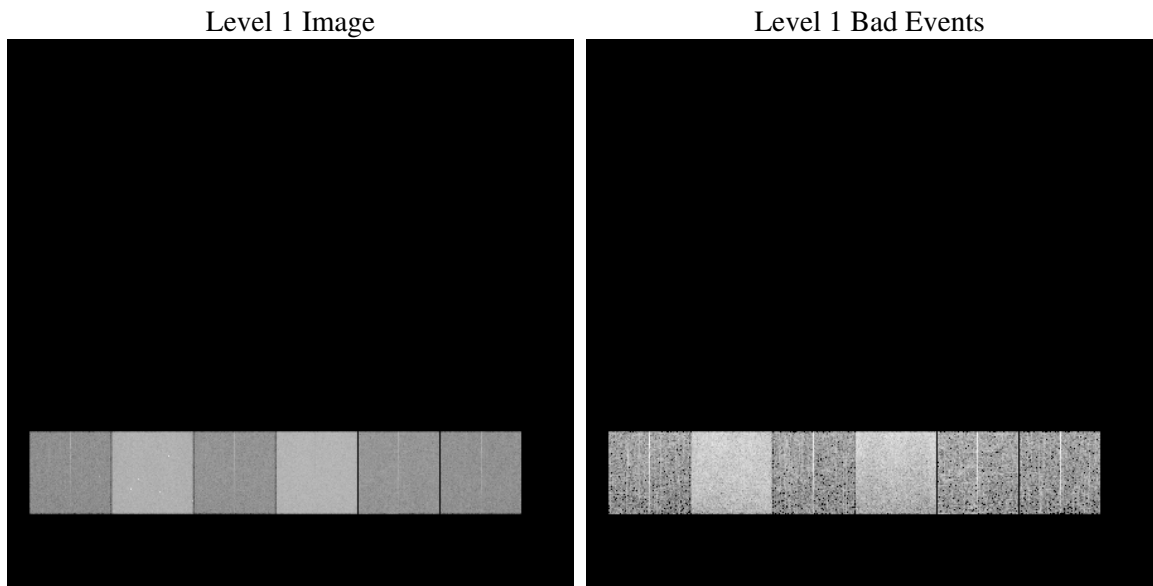
1 Front

seq_num	
obs_id	60952
title	ACIS-456789 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	148.2837836234
dec_nom	-52.973110186348
roll_nom	77.103462809038
revision	2
ontime	7759.9999710917
livetime	7661.7381789468
ontime4	2867.0081315935
ontime5	7759.9999710917
ontime6	3077.6329271495
ontime7	7759.9999710917
ontime8	3191.150908649
ontime9	2983.5207937956
l2events	1168367

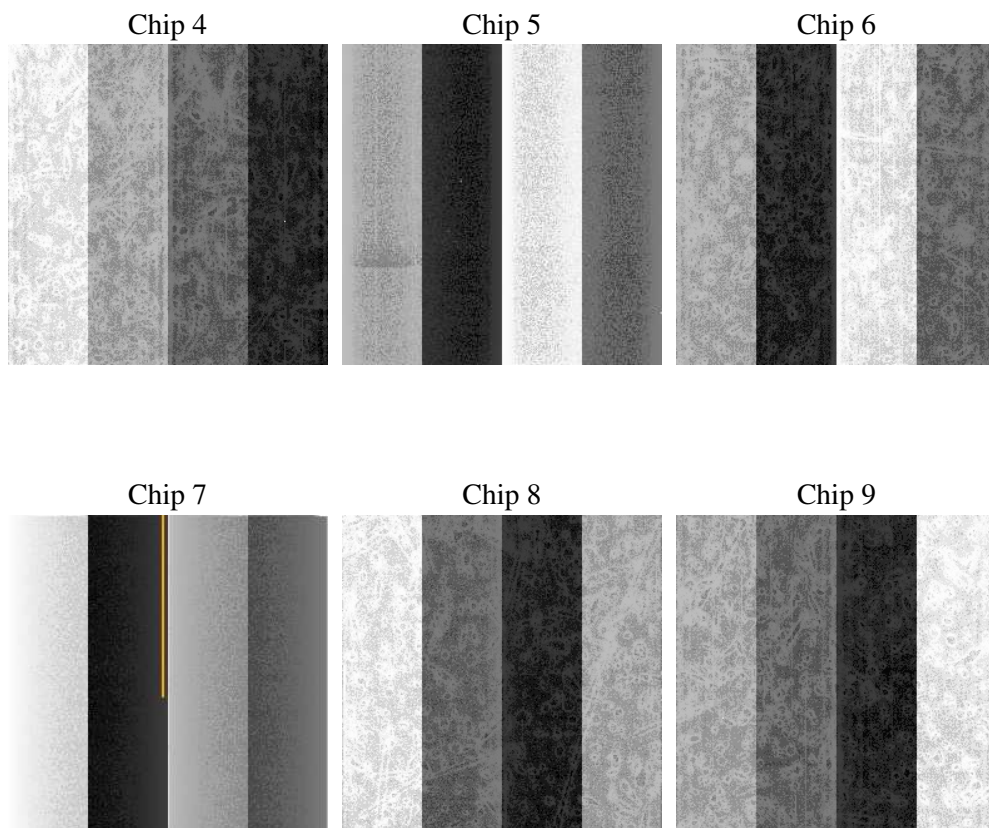
2 OBI

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	2006-10-13T21:59:28
revision	2

sched_exp_time	0.0
ontime	7762.1931230426
ontime4	2868.3161671162
ontime5	7762.1931230426
ontime6	3078.9820026755
ontime7	7762.1931230426
ontime8	3192.4179041982
ontime9	2984.9929893315
l1events	1422641

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	146618	370804	166569	405073	176953	156624
rejected events	21915	59841	22128	51381	25090	21489
rejected %	14%	16%	13%	12%	14%	13%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	72085	38718	78744	66389	83347	74686
	49%	10%	47%	16%	47%	47%
grade 1 events	518	148	403	154	450	420
	0%	0%	0%	0%	0%	0%
grade 2 events	20092	147914	24832	105258	26296	23230
	13%	39%	14%	25%	14%	14%
grade 3 events	8237	10685	8837	27014	9741	8432
	5%	2%	5%	6%	5%	5%
grade 4 events	8347	10518	8944	26463	9685	8588
	5%	2%	5%	6%	5%	5%
grade 5 events	1384	6616	1549	6894	1784	1615
	0%	1%	0%	1%	1%	1%
grade 6 events	15942	103128	23084	128568	22794	20199
	10%	27%	13%	31%	12%	12%
grade 7 events	20013	53077	20176	44333	22856	19454
	13%	14%	12%	10%	12%	12%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-456789	ACIS-456789	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	148.2837836234008	Alternating exposures requested	N	N
Pointing Dec	0	-52.97311018634802	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	77.10346280903798			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	154437593.603109	154437592.57839			
Observation start date	2002-11-23T11:19:54	2002-11-23T11:19:52			
Observation end time	154467794.204367	154467793.17965			
Observation end date	2002-11-23T19:43:14	2002-11-23T19:43:13			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.75999997

A.2 Comments