

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 60912 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Oct 16 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

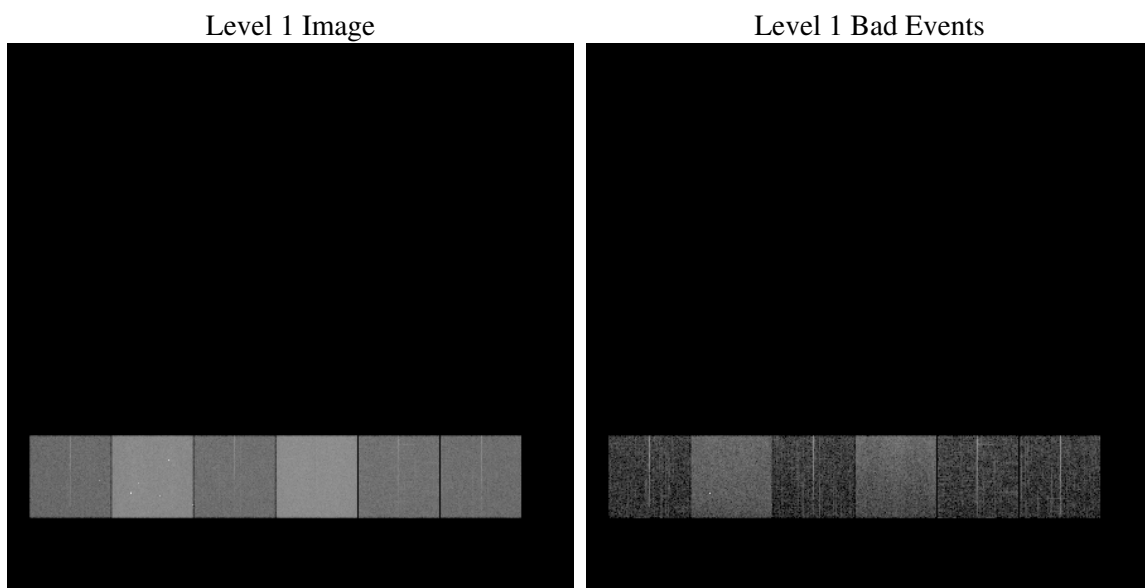
1 Front

seq_num	
obs_id	60912
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	326.92854820217
dec_nom	20.789766159744
roll_nom	306.15362998302
revision	2
ontime	8462.9365317822
livetime	8355.7737336481
ontime4	3352.0410014093
ontime5	8462.9775717854
ontime6	3656.6552692056
ontime7	8462.9365317822
ontime8	3744.2447912395
ontime9	3569.0250461698
l2events	1270889

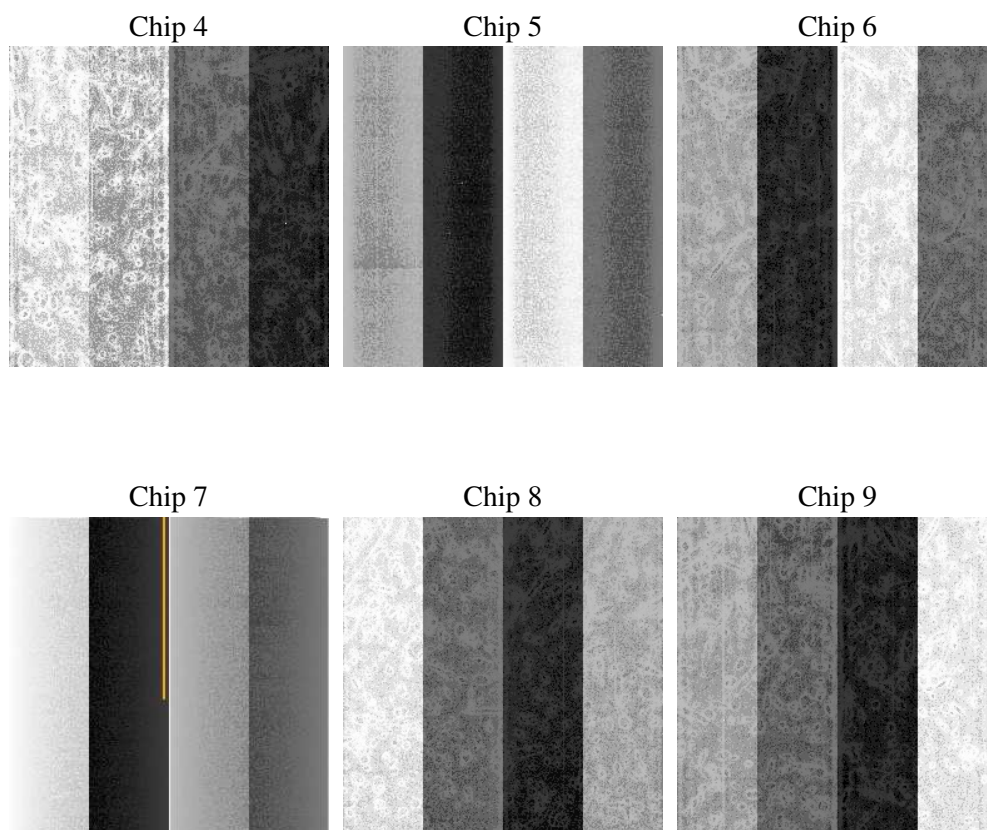
2 OBI

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	2006-10-16T08:35:01
revision	2

sched_exp_time	0.0
ontime	8465.4886834323
ontime4	3354.4700330496
ontime5	8465.4886834323
ontime6	3659.1253408492
ontime7	8465.4886834323
ontime8	3746.6327829063
ontime9	3571.6182378232
l1events	1545390

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	164551	389229	189610	424439	197581	179980
rejected events	23152	62953	23586	55032	26148	23797
rejected %	14%	16%	12%	12%	13%	13%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	82150	39758	91113	67014	94893	86534
	49%	10%	48%	15%	48%	48%
grade 1 events	523	127	436	153	400	459
	0%	0%	0%	0%	0%	0%
grade 2 events	22592	156840	28613	111468	29519	26654
	13%	40%	15%	26%	14%	14%
grade 3 events	9366	10741	10142	27537	11109	10033
	5%	2%	5%	6%	5%	5%
grade 4 events	9219	10470	10269	26819	11040	10031
	5%	2%	5%	6%	5%	5%
grade 5 events	1526	7373	1730	7272	1961	1787
	0%	1%	0%	1%	0%	0%
grade 6 events	18200	108619	26040	136709	25048	23064
	11%	27%	13%	32%	12%	12%
grade 7 events	20975	55301	21267	47467	23611	21418
	12%	14%	11%	11%	11%	11%

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	326.9285482021693	Alternating exposures requested	N	N
Pointing Dec	0	20.7897661597435	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	306.1536299830192			
SIM focus pos (mm)	-0.684267	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	156983496.909271	156983495.88457			
Observation start date	2002-12-22T22:31:37	2002-12-22T22:31:35			
Observation end time	157004806.660159	157004805.63546			
Observation end date	2002-12-23T04:26:47	2002-12-23T04:26:45			
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)	2006.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.46293653

A.2 Comments