

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 60531 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jul 1 2006

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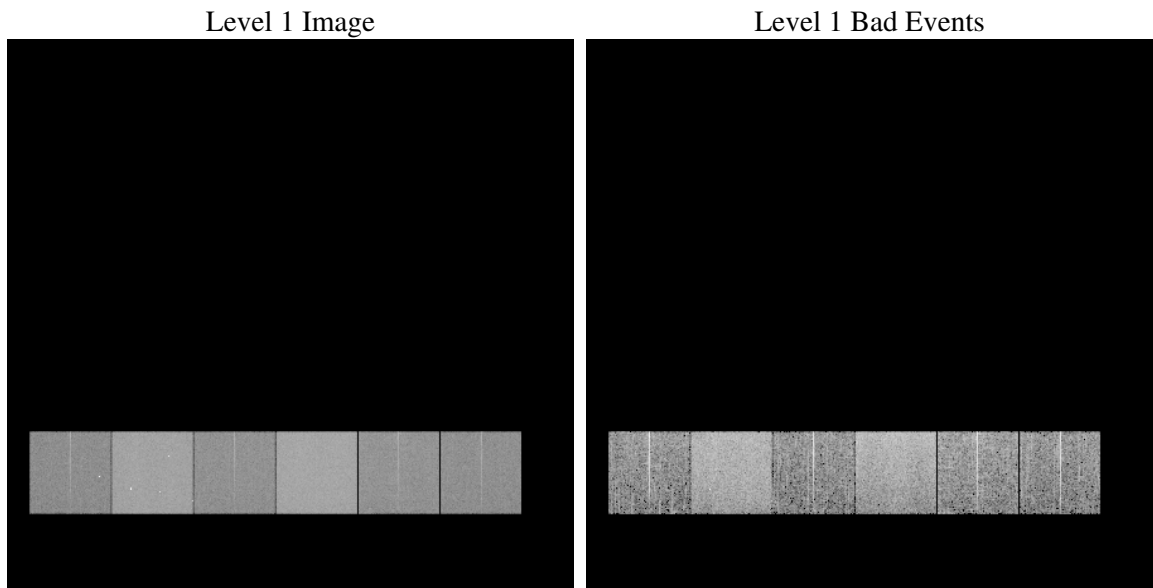
1 Front

seq_num	
obs_id	60531
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	211.85978086126
dec_nom	43.614727353204
roll_nom	334.52456574629
revision	2
ontime	7800.4321317077
livetime	7701.6583631996
ontime4	4167.4286724329
ontime5	7800.473171711
ontime6	4475.2806521952
ontime7	7800.4321317077
ontime8	4601.7614192963
ontime9	4364.9655310512
l2events	1124809

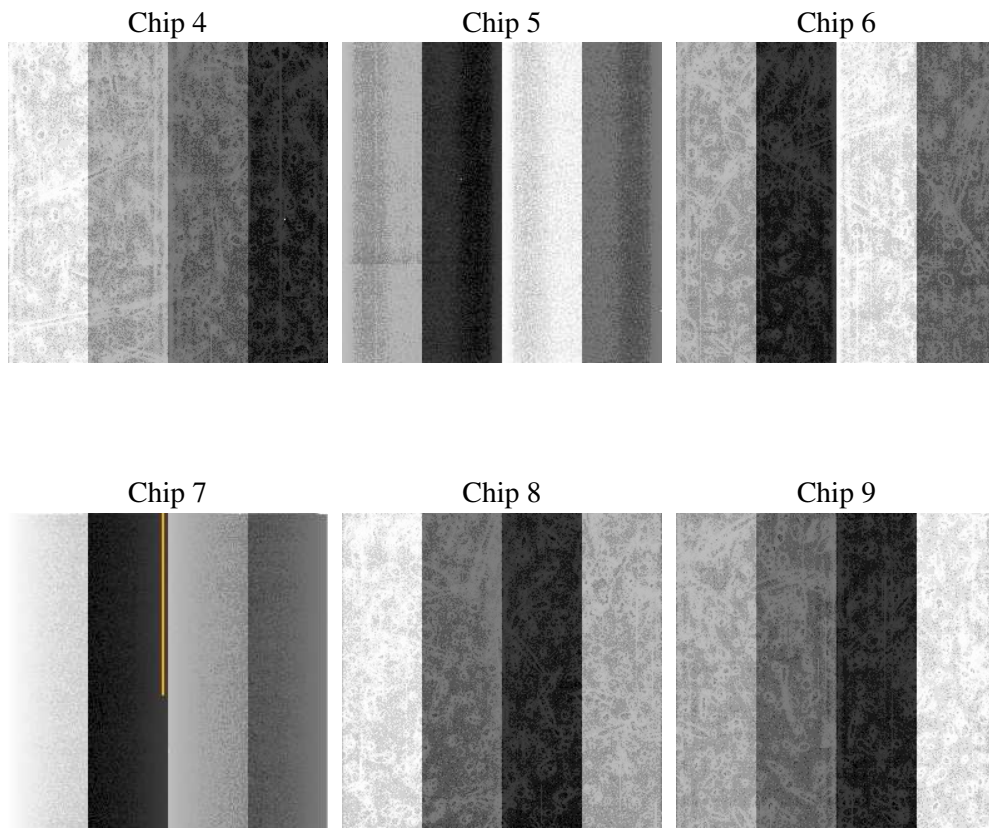
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-02T02:08:17
revision	2

sched_exp_time	0.0
ontime	7801.0859850049
ontime4	4167.9594057202
ontime5	7801.0859850049
ontime6	4475.8524254858
ontime7	7801.0859850049
ontime8	4602.2511126101
ontime9	4365.6604243517
l1events	1418438

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	176186	312660	197217	337206	208994	186175
rejected events	30750	56183	29474	52288	34935	29659
rejected %	17%	17%	14%	15%	16%	15%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	84909	32592	91786	50306	95145	86461
	48%	10%	46%	14%	45%	46%
grade 1 events	564	212	430	124	495	454
	0%	0%	0%	0%	0%	0%
grade 2 events	23272	120292	29007	86754	30498	27094
	13%	38%	14%	25%	14%	14%
grade 3 events	9543	9003	10285	20755	11184	9999
	5%	2%	5%	6%	5%	5%
grade 4 events	9522	8841	10209	20420	11314	9832
	5%	2%	5%	6%	5%	5%
grade 5 events	1862	6008	2043	6608	2533	2240
	1%	1%	1%	1%	1%	1%
grade 6 events	18190	85759	26456	106717	25918	23363
	10%	27%	13%	31%	12%	12%
grade 7 events	28324	49953	27001	45522	31907	26732
	16%	15%	13%	13%	15%	14%

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	211.8597808612573	Alternating exposures requested	N	N
Pointing Dec	0	43.61472735320412	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	334.5245657462937			
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	181846658.512534	181846657.48781			
Observation start date	2003-10-06T16:57:39	2003-10-06T16:57:37			
Observation end time	181864819.463315	181864818.43859			
Observation end date	2003-10-06T22:00:19	2003-10-06T22:00:18			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.07.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.80043213

A.2 Comments