

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 60103 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Apr 26 2006

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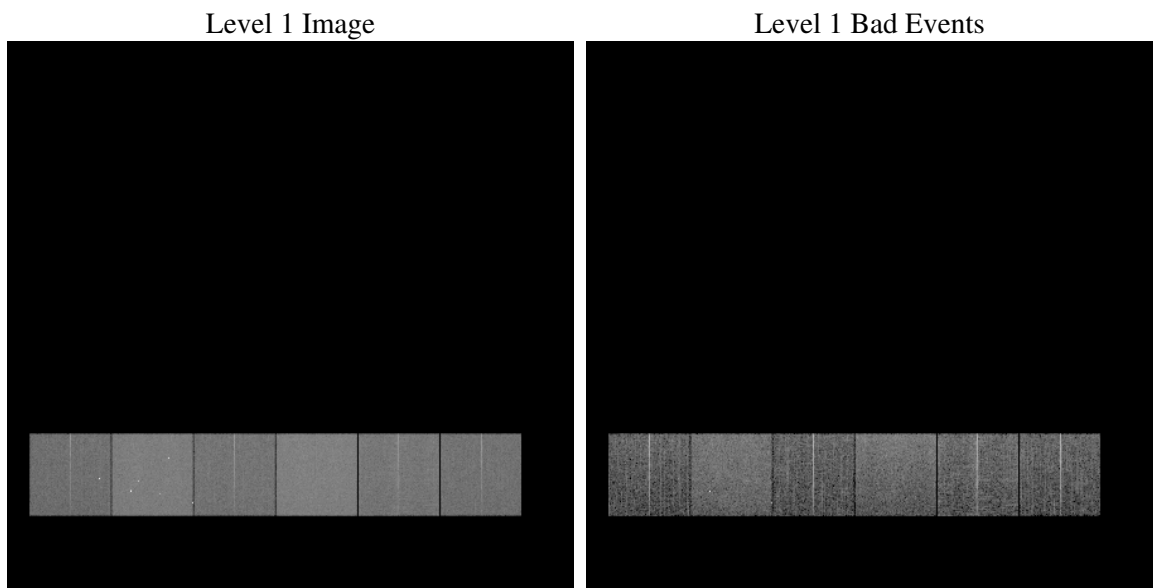
1 Front

seq_num	
obs_id	60103
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	20.985051284278
dec_nom	-33.975803067849
roll_nom	88.716227960084
revision	2
ontime	7800.8238057494
livetime	7702.0450776288
ontime4	5234.1003745496
ontime5	7800.8648457527
ontime6	5674.8303048313
ontime7	7800.8238057494
ontime8	5846.6845165193
ontime9	5454.3217848837
l2events	1060443

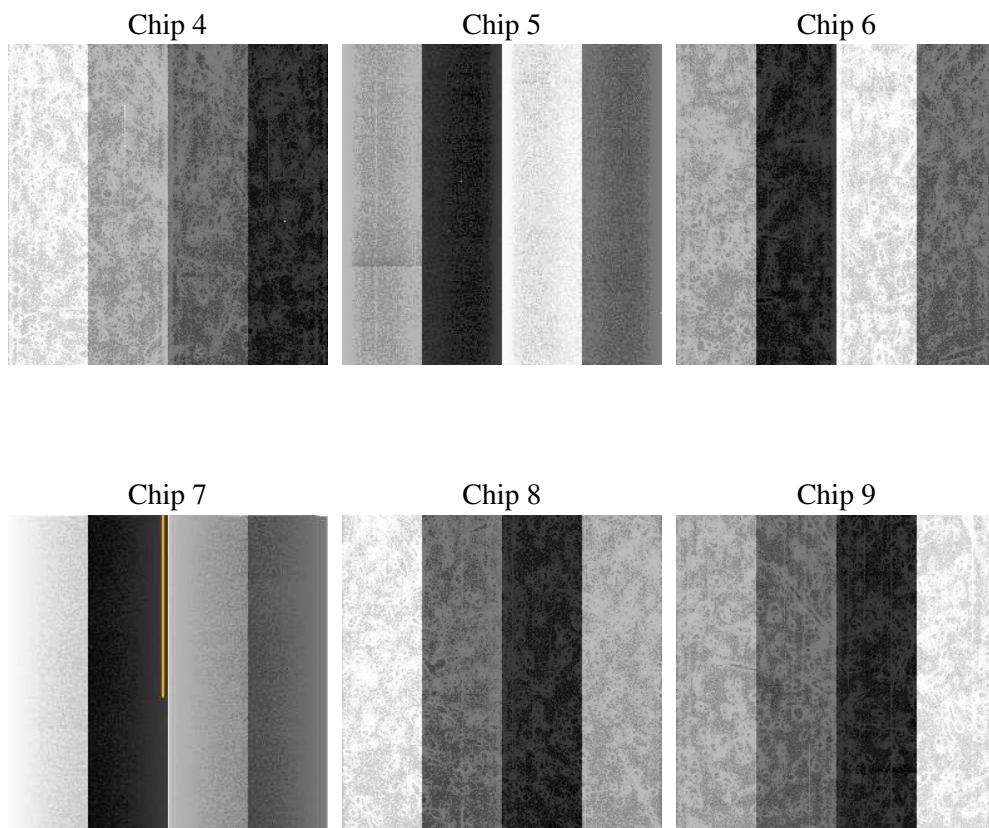
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	3
ascdsver	7.6.7.2
caldsver	3.2.1
date	2006-04-27T02:07:32
revision	2

sched_exp_time	0.0
ontime	7801.0909066796
ontime4	5234.2443554699
ontime5	7801.0909066796
ontime6	5675.0153257549
ontime7	7801.0909066796
ontime8	5846.7874574661
ontime9	5454.6299258173
l1events	1413225

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	189272	280764	214489	295920	231393	201387
rejected events	40157	60536	41460	54989	48334	41498
rejected %	21%	21%	19%	18%	20%	20%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	86484	28409	93872	42611	99334	88106
	45%	10%	43%	14%	42%	43%
grade 1 events	633	569	484	105	523	532
	0%	0%	0%	0%	0%	0%
grade 2 events	23708	101325	30184	72374	32262	27385
	12%	36%	14%	24%	13%	13%
grade 3 events	9983	7407	10642	17631	11851	10314
	5%	2%	4%	5%	5%	5%
grade 4 events	9850	7193	10921	17270	11980	10222
	5%	2%	5%	5%	5%	5%
grade 5 events	2414	6267	2679	6684	3401	2837
	1%	2%	1%	2%	1%	1%
grade 6 events	19090	75894	27410	91045	27632	23862
	10%	27%	12%	30%	11%	11%
grade 7 events	37110	53700	38297	48200	44410	38129
	19%	19%	17%	16%	19%	18%

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	20.98505128427826	Alternating exposures requested	N	N
Pointing Dec	0	-33.97580306784909	Primary exposure time	3.2	3.2
Pointing Roll	0.0	88.71622796008367			
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	208343741.973734	208343740.94874			
Observation start date	2004-08-08T09:15:42	2004-08-08T09:15:40			
Observation end time	208389922.325787	208389921.30079			
Observation end date	2004-08-08T22:05:22	2004-08-08T22:05:21			
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)	2006.04.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8008238

A.2 Comments