

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 60091 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Apr 25 2006

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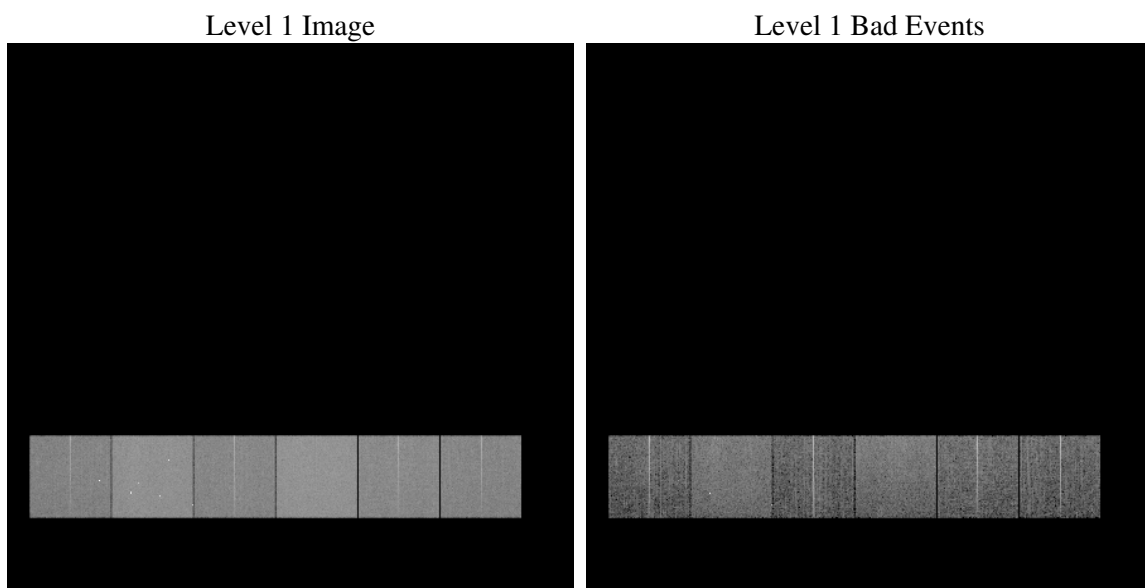
1 Front

seq_num	
obs_id	60091
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	334.97662841051
dec_nom	-10.48296957116
roll_nom	110.5282645737
revision	2
ontime	8166.3999695778
livetime	8062.9920959473
ontime4	5593.0684390366
ontime5	8166.3999695778
ontime6	6011.154520601
ontime7	8166.3999695778
ontime8	6228.2988532782
ontime9	5832.8999506533
l2events	1099002

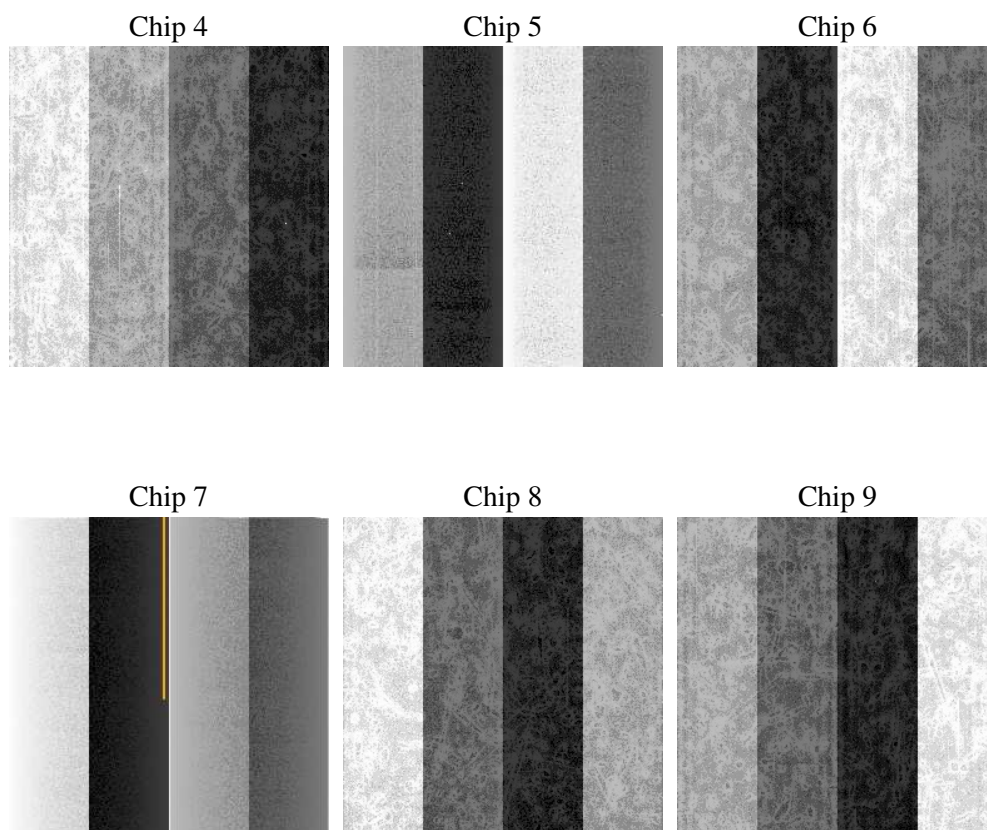
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-04-25T07:53:53
revision	2

sched_exp_time	0.0
ontime	8280.7642481923
ontime4	5668.5410841405
ontime5	8280.7642481923
ontime6	6102.8320370913
ontime7	8280.7642481923
ontime8	6307.0123890042
ontime9	5918.0954767764
l1events	1497676

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	203756	294551	229363	310761	243752	215493
rejected events	47666	68876	49403	64977	53002	47306
rejected %	23%	23%	21%	20%	21%	21%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	92563	25684	99478	41196	104861	94133
	45%	8%	43%	13%	43%	43%
grade 1 events	751	184	501	114	622	563
	0%	0%	0%	0%	0%	0%
grade 2 events	24400	106983	31385	76631	33864	29269
	11%	36%	13%	24%	13%	13%
grade 3 events	10561	6980	11153	17237	12563	10730
	5%	2%	4%	5%	5%	4%
grade 4 events	10332	6812	11300	17036	12558	10950
	5%	2%	4%	5%	5%	5%
grade 5 events	2628	6480	3129	7186	3510	2994
	1%	2%	1%	2%	1%	1%
grade 6 events	20350	82395	29439	97186	29227	25598
	9%	27%	12%	31%	11%	11%
grade 7 events	42171	59033	42978	54175	46547	41256
	20%	20%	18%	17%	19%	19%

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	334.976628410514	Alternating exposures requested	N	N
Pointing Dec	0	-10.48296957116037	Primary exposure time	3.2	3.2
Pointing Roll	0.0	110.5282645737033			
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	209074815.056258	209074814.03125			
Observation start date	2004-08-16T20:20:15	2004-08-16T20:20:14			
Observation end time	209097297.407259	209097296.38225			
Observation end date	2004-08-17T02:34:57	2004-08-17T02:34:56			
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)	2006.04.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.16639996

A.2 Comments

The ACIS focal plane temperature was above calibration limits for the first 2 ksec of the observation.