

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 60711 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Aug 7 2006

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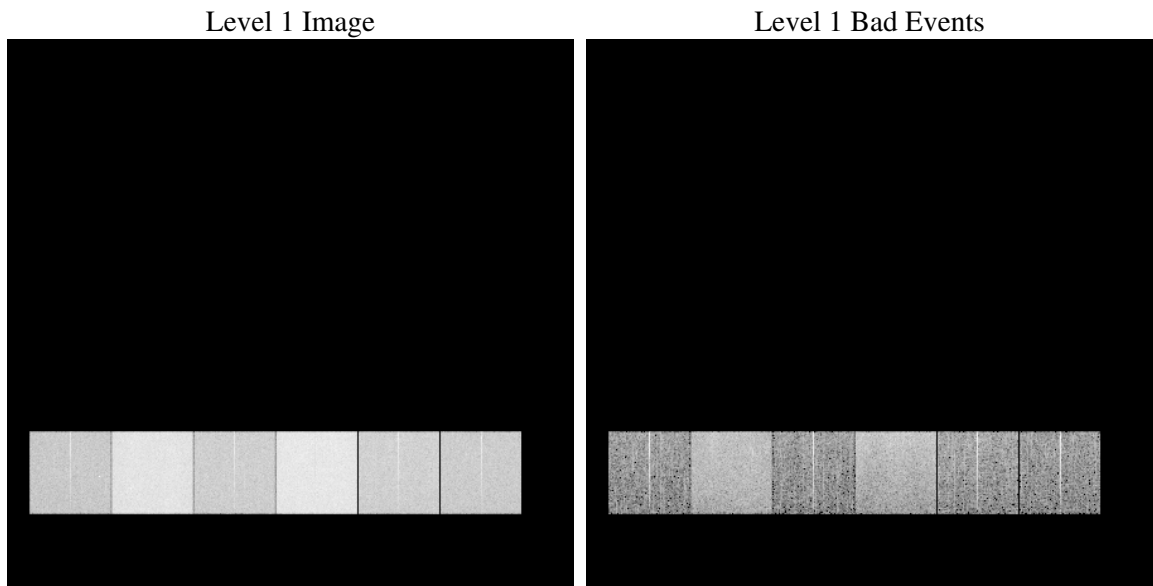
1 Front

seq_num	
obs_id	60711
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	342.97633745781
dec_nom	-5.9837774379942
roll_nom	112.51795751214
revision	2
ontime	8459.3177885413
livetime	8352.2008131132
ontime4	4019.3052542806
ontime5	8459.3588285446
ontime6	4404.9427127242
ontime7	8459.3177885413
ontime8	4518.4591197968
ontime9	4213.6007337272
l2events	1240894

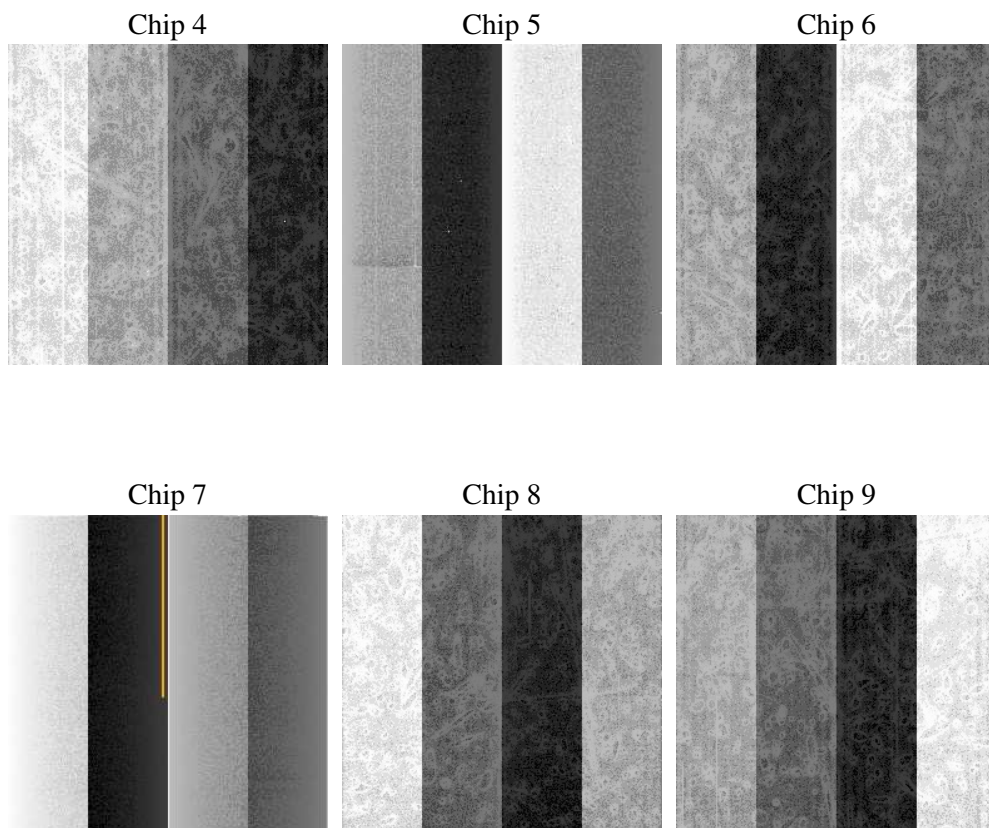
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.2
date	2006-08-07T05:01:44
revision	2

sched_exp_time	0.0
ontime	8462.2541989684
ontime4	4022.1185446978
ontime5	8462.2541989684
ontime6	4407.7970431447
ontime7	8462.2541989684
ontime8	4521.2313702404
ontime9	4216.5781841576
l1events	1538853

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	179187	355064	206927	389100	217129	191446
rejected events	29110	62416	28341	57258	33092	28130
rejected %	16%	17%	13%	14%	15%	14%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	87895	32776	97455	57510	101233	90264
	49%	9%	47%	14%	46%	47%
grade 1 events	592	107	456	130	497	468
	0%	0%	0%	0%	0%	0%
grade 2 events	23487	140148	30909	101981	32229	27834
	13%	39%	14%	26%	14%	14%
grade 3 events	9907	9861	10950	23639	11786	10433
	5%	2%	5%	6%	5%	5%
grade 4 events	9927	9274	10900	23714	11767	10382
	5%	2%	5%	6%	5%	5%
grade 5 events	1808	6609	2018	7164	2395	2117
	1%	1%	0%	1%	1%	1%
grade 6 events	18995	100710	28489	125124	27140	24521
	10%	28%	13%	32%	12%	12%
grade 7 events	26576	55579	25750	49838	30082	25427
	14%	15%	12%	12%	13%	13%

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	342.9763374578129	Alternating exposures requested	N	N
Pointing Dec	0	-5.983777437994203	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	112.5179575121388			
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	171375194.515329	171375193.49062			
Observation start date	2003-06-07T12:13:15	2003-06-07T12:13:13			
Observation end time	171398136.066302	171398135.04159			
Observation end date	2003-06-07T18:35:36	2003-06-07T18:35:35			
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)	2006.08.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.45931778

A.2 Comments

The ACIS focal plane temperature was above calibration limits for the entire observation.