

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 61229 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Sep 11 2006

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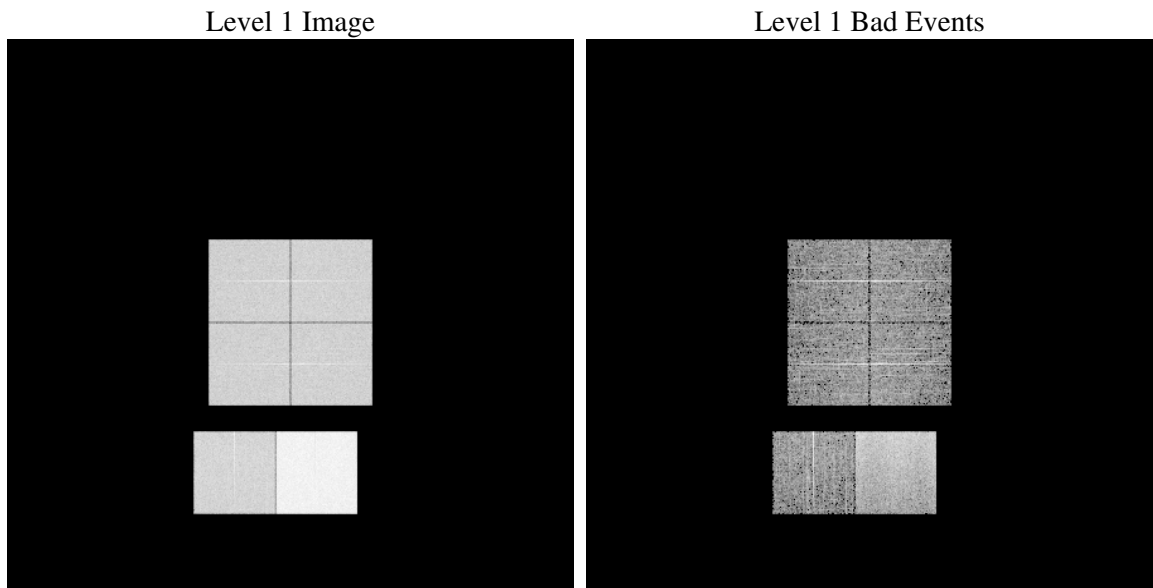
1 Front

seq_num	
obs_id	61229
title	ACIS-012367 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	166.01192348143
dec_nom	-7.0260697507576
roll_nom	261.57656204466
revision	2
ontime	8465.3990616202
livetime	8358.2050814506
ontime0	3591.0153331757
ontime1	3668.8417514563
ontime2	3523.0035429001
ontime3	3548.8007298708
ontime6	3790.4033768475
ontime7	8465.3990616202
l2events	1319259

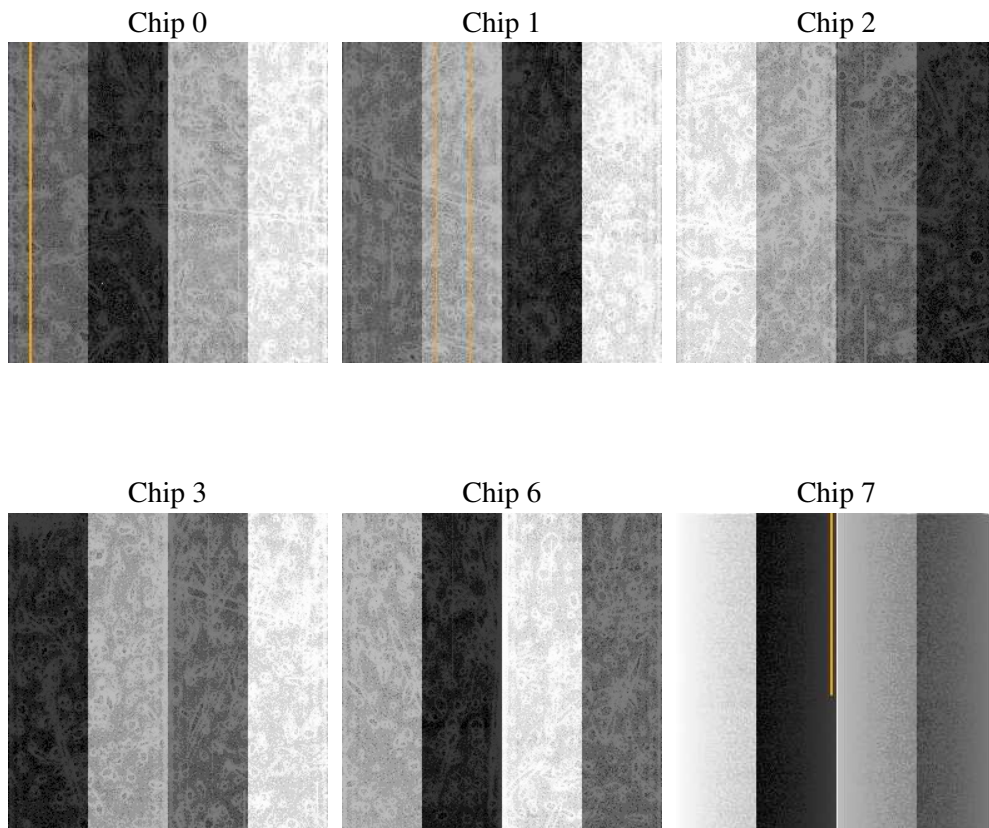
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-09-11T12:26:13
revision	2

sched_exp_time	0.0
ontime	8465.4893942177
ontime0	3591.0646257699
ontime1	3668.8500040472
ontime2	3523.0035429001
ontime3	3548.9321024716
ontime6	3792.0076201558
ontime7	8465.4893942177
l1events	1560382

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	207450	212187	207196	209509	230494	493546
rejected events	23330	24101	24678	25577	26278	60241
rejected %	11%	11%	11%	12%	11%	12%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	101583	103618	101512	102672	111365	77479
	48%	48%	48%	49%	48%	15%
grade 1 events	480	495	455	509	490	161
	0%	0%	0%	0%	0%	0%
grade 2 events	32373	33276	32009	32199	35345	132136
	15%	15%	15%	15%	15%	26%
grade 3 events	11618	11894	11238	11578	12567	31700
	5%	5%	5%	5%	5%	6%
grade 4 events	11754	11935	11515	11656	12522	31118
	5%	5%	5%	5%	5%	6%
grade 5 events	1675	1748	1575	1794	1913	7920
	0%	0%	0%	0%	0%	1%
grade 6 events	26792	27363	26244	25827	32417	160872
	12%	12%	12%	12%	14%	32%
grade 7 events	21175	21858	22648	23274	23875	52160
	10%	10%	10%	11%	10%	10%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	166.0119234814294	Alternating exposures requested	N	N
Pointing Dec	0	-7.026069750757559	Primary exposure time	3.2	3.2
Pointing Roll	0.0	261.5765620446555			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	135505971.973886	135505970.94917			
Observation start date	2002-04-18T08:32:52	2002-04-18T08:32:50			
Observation end time	135527281.724753	135527280.70003			
Observation end date	2002-04-18T14:28:02	2002-04-18T14:28:00			
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)	2006.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.46539906

A.2 Comments

The ACIS focal plane temperature was above calibration limits for the first 3 ksec of the observation.