

V&V Reference Report

L2 ASCDS Version : 7.6.11.10

Observation 61072 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 5 2009

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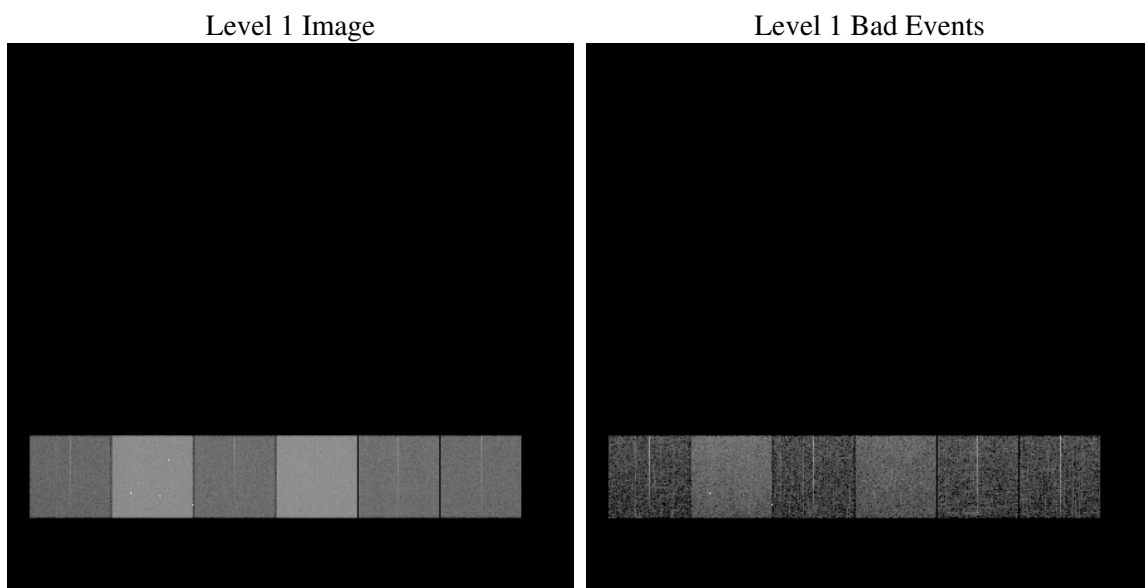
1 Front

seq_num	
obs_id	61072
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	30.518932312813
dec_nom	-38.888299413488
roll_nom	76.497980349785
revision	3
ontime	7510.6510406435
livetime	7415.5466547957
ontime4	2584.4970223904
ontime5	7743.9999711514
ontime6	2889.1130537391
ontime7	7510.6510406435
ontime8	2911.8822541237
ontime9	2769.0713544786
l2events	1193123

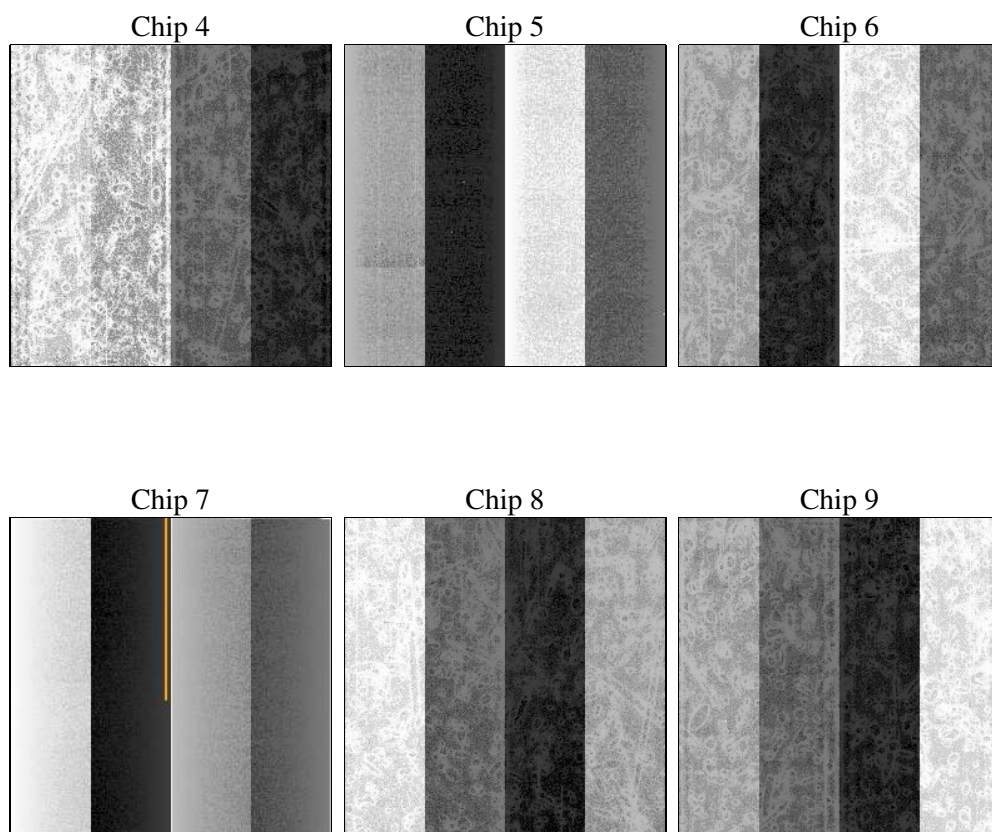
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.11.10
caldbver	3.5.1
date	2009-02-05T05:04:01
revision	3

sched_exp_time	8280
ontime	7510.6510406435
ontime4	2584.4970223904
ontime5	7743.9999711514
ontime6	2889.1130537391
ontime7	7510.6510406435
ontime8	2911.8822541237
ontime9	2769.0713544786
l1events	1436732

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	139982	394160	165443	412388	170279	154480
rejected events	22222	53960	23004	41439	24920	23178
rejected %	15%	13%	13%	10%	14%	15%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	68742	85321	78323	94216	80393	72990
	49%	21%	47%	22%	47%	47%
grade 1 events	504	432	429	271	395	444
	0%	0%	0%	0%	0%	0%
grade 2 events	18867	119651	24829	83046	25584	22646
	13%	30%	15%	20%	15%	14%
grade 3 events	7893	22232	8947	37606	9509	8495
	5%	5%	5%	9%	5%	5%
grade 4 events	7977	22245	8991	37425	9428	8473
	5%	5%	5%	9%	5%	5%
grade 5 events	1293	10421	1465	7813	1766	1534
	0%	2%	0%	1%	1%	0%
grade 6 events	15034	92869	22472	120845	21417	19627
	10%	23%	13%	29%	12%	12%
grade 7 events	19672	40989	19987	31166	21787	20271
	14%	10%	12%	7%	12%	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	OVERRIDE	OVERRIDE
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
Pointing RA	30.51893231281305	30.51893231281305	Subarray requested	NONE	NONE
Pointing Dec	-38.88829941348768	-38.88829941348768	Alternating exposures requested	N	N
Pointing Roll	76.49798034978454	76.49798034978454	Primary exposure time	3.2	3.2
SIM focus pos (mm)	-0.68282252473119	-0.68282252473119			
SIM defocus (mm)	0.8505140384245534	0.8505140384245534			
SIM translation stage pos (mm)	250.4660330802	250.4660330802			
SIM translation stage offset (mm)	-0.01005726120527584	-0.01005726120527584			
Observation start time	146669517	146669517			
Observation start date	2002-08-25T13:50:00	2002-08-25T13:31:56			
Observation end time	146678960	146678960			
Observation end date	2002-08-25T16:08:16	2002-08-25T16:09:19			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.02.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.51065104

A.2 Comments

This obsid was reprocessed to correct minor errors in parameters used in processing. Some of these parameters cannot be determined automatically for this observation and were derived from spacecraft telemetry.