

V&V Reference Report

L2 ASCDS Version : 7.6.11.10

Observation 60136 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 2 2009

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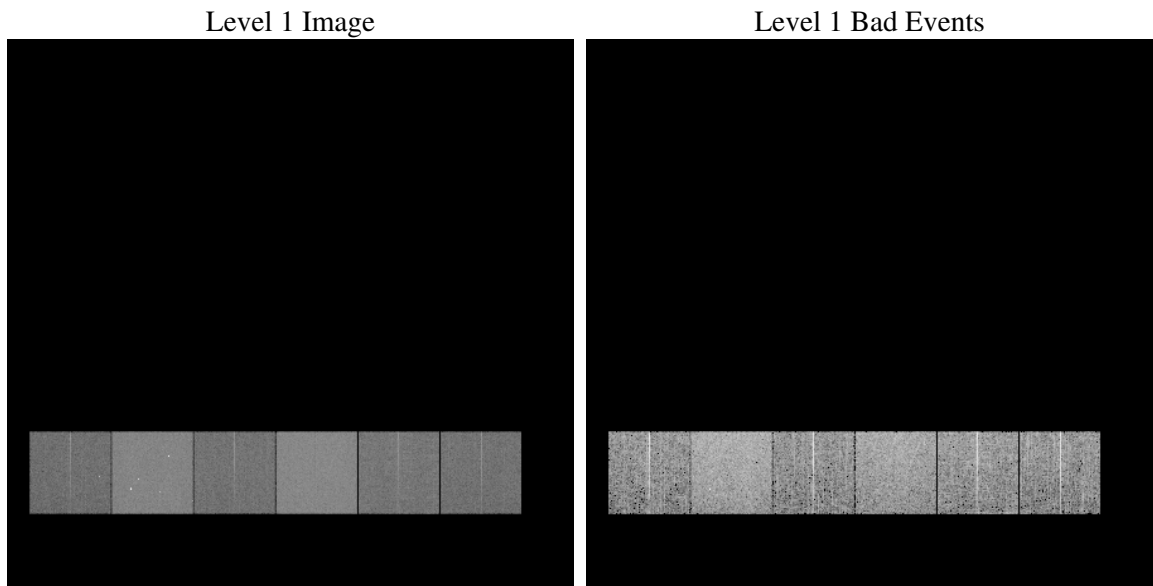
1 Front

seq_num	
obs_id	60136
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	38.963944302993
dec_nom	70.025707023809
roll_nom	82.453426188316
revision	3
ontime	5775.9999784827
livetime	5702.8607888655
ontime4	3139.1684429049
ontime5	5775.9999784827
ontime6	3358.2388112843
ontime7	5775.9999784827
ontime8	3517.0460046828
ontime9	3281.6082784534
l2events	814730

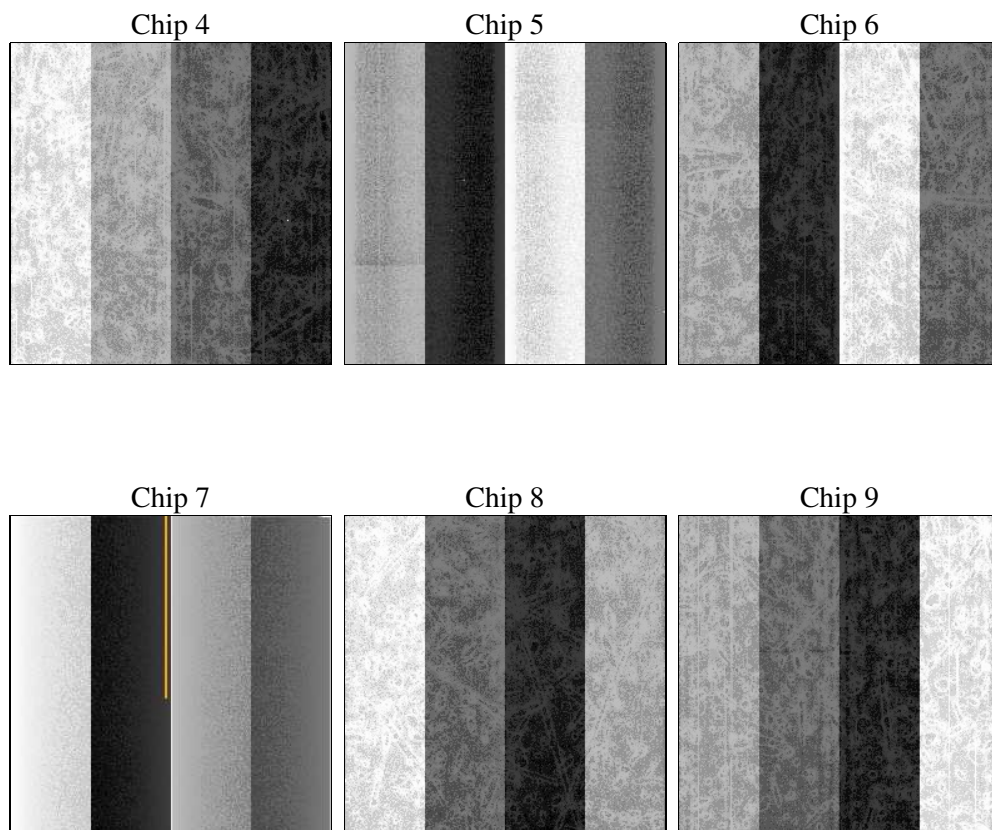
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.11.10
caldsver	3.5.1
date	2009-02-02T22:55:14
revision	3

sched_exp_time	4440
ontime	5775.9999784827
ontime4	3139.1684429049
ontime5	5775.9999784827
ontime6	3358.2388112843
ontime7	5775.9999784827
ontime8	3517.0460046828
ontime9	3281.6082784534
l1events	1064733

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	131408	235608	145926	250960	159712	141119
rejected events	29166	44942	29096	38511	32398	29704
rejected %	22%	19%	19%	15%	20%	21%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	58885	43712	62761	53449	68141	60459
	44%	18%	43%	21%	42%	42%
grade 1 events	559	263	354	173	457	419
	0%	0%	0%	0%	0%	0%
grade 2 events	16205	70047	20313	46689	22212	19032
	12%	29%	13%	18%	13%	13%
grade 3 events	6880	11111	7308	20835	8419	7154
	5%	4%	5%	8%	5%	5%
grade 4 events	6860	10869	7217	20706	8338	7247
	5%	4%	4%	8%	5%	5%
grade 5 events	1660	6923	1869	6465	2194	1925
	1%	2%	1%	2%	1%	1%
grade 6 events	14259	56617	20238	72692	21196	18482
	10%	24%	13%	28%	13%	13%
grade 7 events	26100	36066	25866	29951	28755	26401
	19%	15%	17%	11%	18%	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	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	38.96394430299269	38.96394430299269	Subarray requested	NONE	NONE
Pointing Dec	70.02570702380902	70.02570702380902	Alternating exposures requested	N	N
Pointing Roll	82.4534261883161	82.4534261883161	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	206064006.572409	206064006.572409			
Observation start date	2004-07-13T00:32:00	2004-07-13T00:00:06			
Observation end time	206071554.002033	206071554.002033			
Observation end date	2004-07-13T01:46:00	2004-07-13T02:05:54			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Craig Anderson
V&V Date (YYYY-MM-DD)	2009.02.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.7759999784827

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 must be derived.