

V&V Reference Report

L2 ASCDS Version : 7.6.11.10

Observation 60942 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 5 2009

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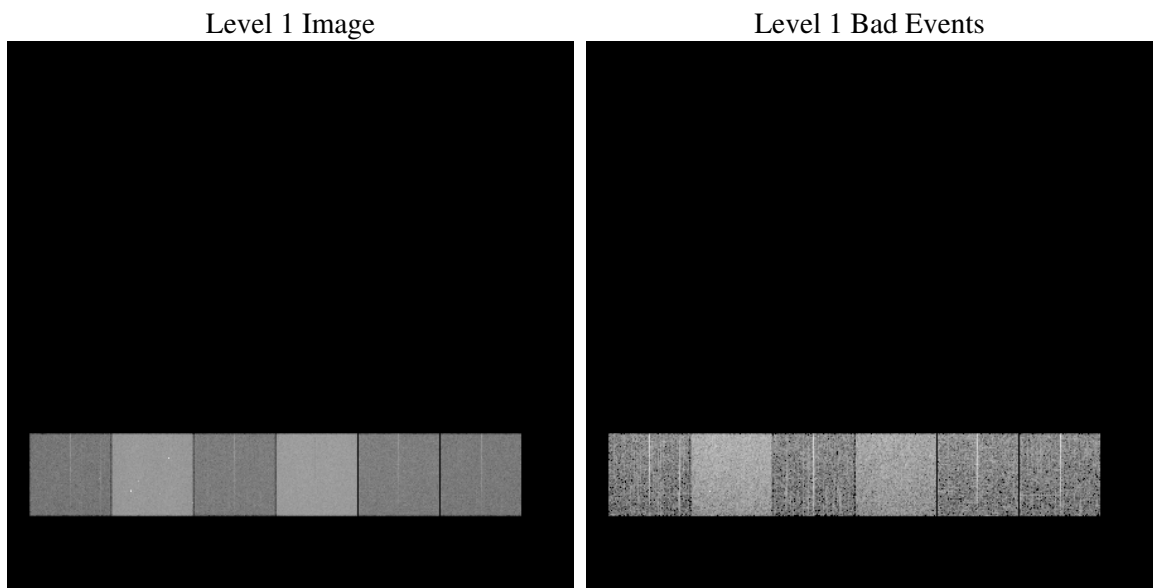
1 Front

seq_num	
obs_id	60942
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	30.576133593616
dec_nom	-38.90124186031
roll_nom	321.43716567992
revision	3
ontime	7734.3999711871
livetime	7636.4623416554
ontime4	2866.6608746946
ontime5	7734.3999711871
ontime6	3151.8302875757
ontime7	7734.3999711871
ontime8	3235.9249225259
ontime9	3051.2348976731
l2events	1177869

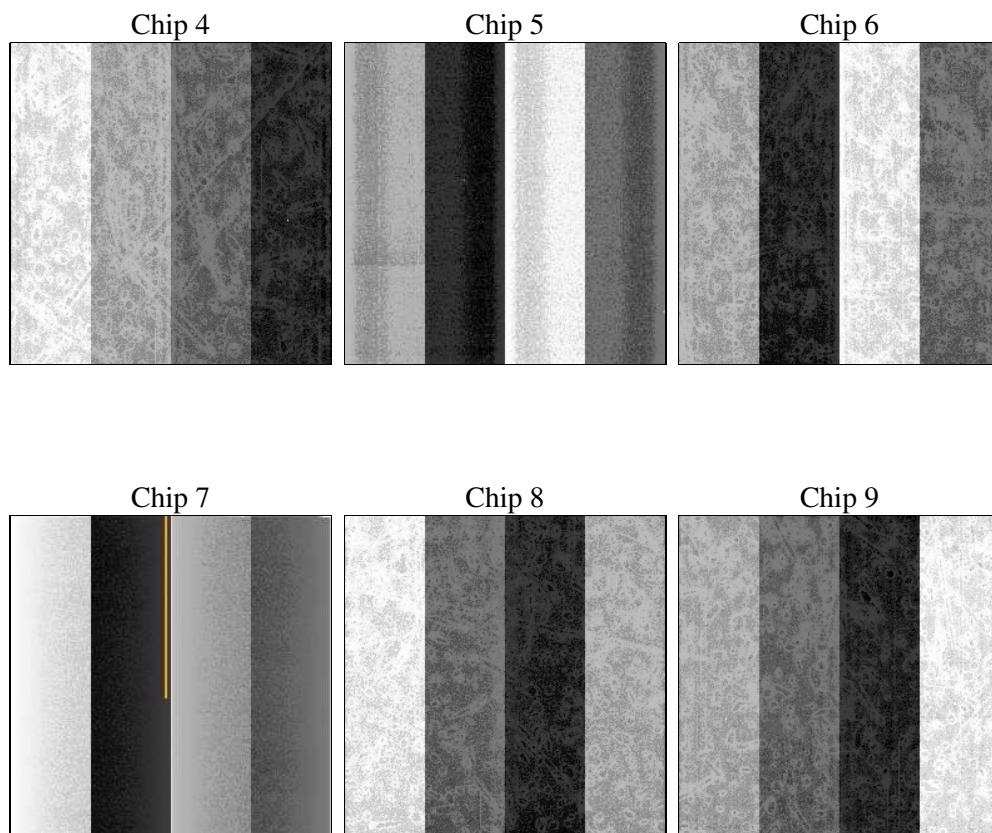
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.11.10
caldbver	3.5.1
date	2009-02-05T04:56:13
revision	3

sched_exp_time	1200
ontime	7734.3999711871
ontime4	2866.6608746946
ontime5	7734.3999711871
ontime6	3151.8302875757
ontime7	7734.3999711871
ontime8	3235.9249225259
ontime9	3051.2348976731
l1events	1426267

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	146992	371659	169975	403027	176341	158273
rejected events	24002	53581	24320	44122	25910	23616
rejected %	16%	14%	14%	10%	14%	14%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	71696	79296	80321	91219	83543	74855
	48%	21%	47%	22%	47%	47%
grade 1 events	529	370	424	279	423	433
	0%	0%	0%	0%	0%	0%
grade 2 events	19826	111790	25206	80166	26455	23364
	13%	30%	14%	19%	15%	14%
grade 3 events	8411	20629	9230	36920	9710	8800
	5%	5%	5%	9%	5%	5%
grade 4 events	8155	20712	9090	36409	9750	8639
	5%	5%	5%	9%	5%	5%
grade 5 events	1386	9096	1601	7885	1916	1684
	0%	2%	0%	1%	1%	1%
grade 6 events	15887	88072	23062	116928	22009	20165
	10%	23%	13%	29%	12%	12%
grade 7 events	21102	41694	21041	33221	22535	20333
	14%	11%	12%	8%	12%	12%

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	30.57613359361604	30.57613359361604	Subarray requested	NONE	NONE
Pointing Dec	-38.90124186030974	-38.90124186030974	Alternating exposures requested	N	N
Pointing Roll	321.4371656799219	321.4371656799219	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	155345977.340961	155345977.340961			
Observation start date	2002-12-04T00:35:00	2002-12-03T23:39:37			
Observation end time	155355312.50638	155355312.50638			
Observation end date	2002-12-04T00:55:00	2002-12-04T02:15:12			
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	7.73439997

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.