

V&V Reference Report

L2 ASCDS Version : 7.6.11.10

Observation 60708 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 4 2009

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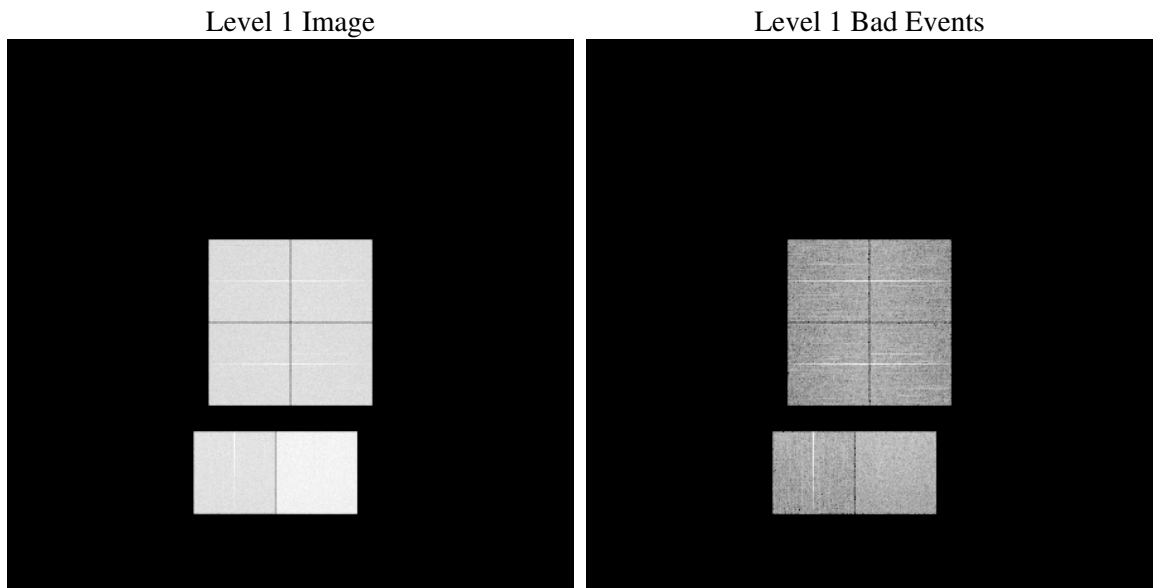
1 Front

seq_num	
obs_id	60708
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	145.16543802921
dec_nom	-11.072983294607
roll_nom	231.71552935616
revision	3
ontime	15603.199941874
livetime	15405.62282909
ontime0	8994.8589493036
ontime1	9344.8848427534
ontime2	8856.9613408148
ontime3	8981.894729197
ontime6	9740.2839314938
ontime7	15603.199941874
l2events	2345446

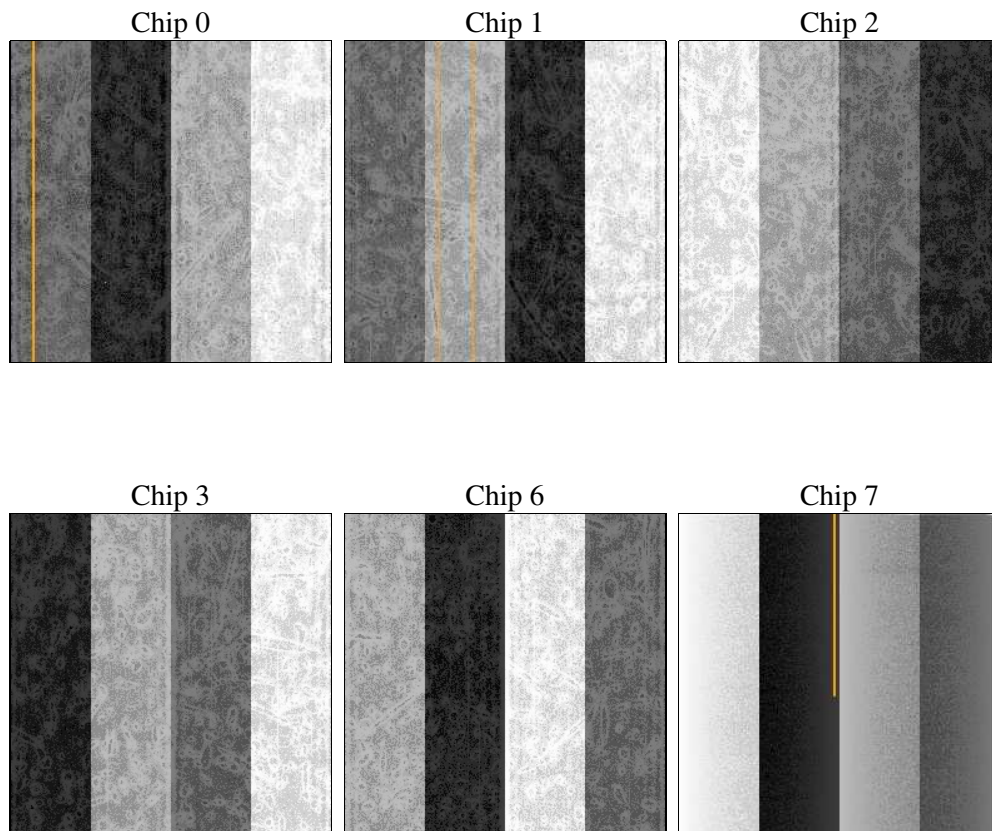
2 OBI

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	2009-02-04T17:08:19
revision	3

sched_exp_time	1200
ontime	15603.199941874
ontime0	8994.8589493036
ontime1	9344.8848427534
ontime2	8856.9613408148
ontime3	8981.894729197
ontime6	9740.2839314938
ontime7	15603.199941874
l1events	2854780

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	407994	425258	410081	418219	465972	727256
rejected events	59875	60645	61602	64542	67518	86958
rejected %	14%	14%	15%	15%	14%	11%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	194430	203375	198166	202171	219372	163394
	47%	47%	48%	48%	47%	22%
grade 1 events	1080	900	1099	1132	959	403
	0%	0%	0%	0%	0%	0%
grade 2 events	61196	65122	60025	61310	69535	143178
	14%	15%	14%	14%	14%	19%
grade 3 events	22804	23519	22948	23405	25372	65553
	5%	5%	5%	5%	5%	9%
grade 4 events	22881	23546	22712	23058	25191	64597
	5%	5%	5%	5%	5%	8%
grade 5 events	3877	4122	3844	4043	4619	15145
	0%	0%	0%	0%	0%	2%
grade 6 events	51315	53728	49290	48585	64101	211947
	12%	12%	12%	11%	13%	29%
grade 7 events	50411	50946	51997	54515	56823	63039
	12%	11%	12%	13%	12%	8%

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	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	145.1654380292098	145.1654380292098	Subarray requested	NONE	NONE
Pointing Dec	-11.07298329460687	-11.07298329460687	Alternating exposures requested	N	N
Pointing Roll	231.715529356156	231.715529356156	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	171557669.123066	171557669.123066			
Observation start date	2003-06-09T15:26:00	2003-06-09T14:54:29			
Observation end time	171575007.426601	171575007.426601			
Observation end date	2003-06-09T15:46:00	2003-06-09T19:43:27			
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	15.6031999

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.