

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 61304 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Sep 2 2006

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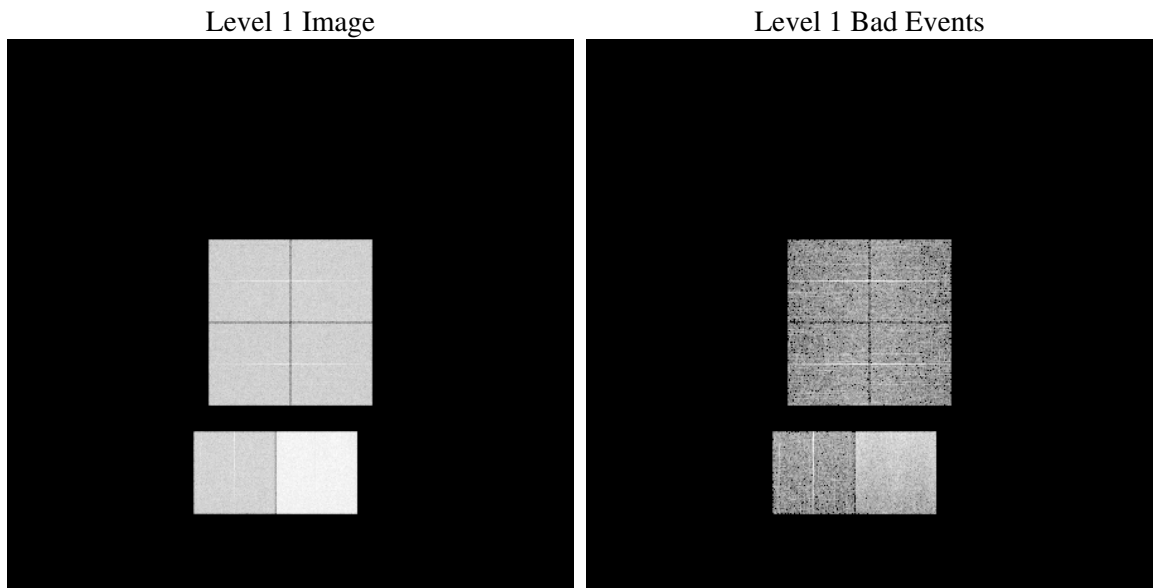
1 Front

seq_num	
obs_id	61304
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	181.99539498099
dec_nom	-0.97165153540013
roll_nom	66.430456609726
revision	2
ontime	7625.5355271846
livetime	7528.9764047931
ontime0	3065.5194777697
ontime1	3153.0677707642
ontime2	2948.9246761501
ontime3	3013.5805188119
ontime6	3230.9342923909
ontime7	7625.5355271846
l2events	1187436

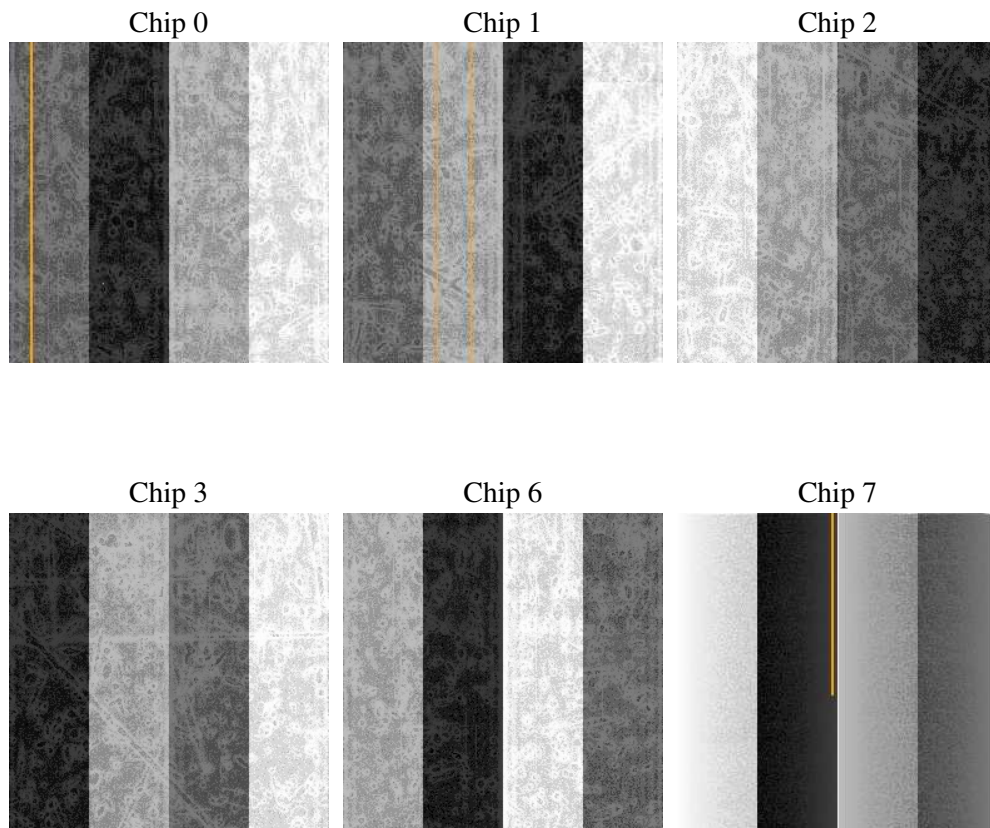
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-09-02T19:38:48
revision	2

sched_exp_time	0.0
ontime	7626.0762377679
ontime0	3066.0191483498
ontime1	3153.5264013559
ontime2	2949.3422667384
ontime3	3014.1622693986
ontime6	3231.310842976
ontime7	7626.0762377679
l1events	1411814

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	184919	190813	181812	185752	204082	464436
rejected events	21894	22669	23560	23599	24147	58195
rejected %	11%	11%	12%	12%	11%	12%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	90110	92635	88019	90752	98355	72440
	48%	48%	48%	48%	48%	15%
grade 1 events	490	464	430	445	479	150
	0%	0%	0%	0%	0%	0%
grade 2 events	28745	30106	27715	28709	31096	123979
	15%	15%	15%	15%	15%	26%
grade 3 events	10318	10650	9924	10162	10910	29389
	5%	5%	5%	5%	5%	6%
grade 4 events	10181	10558	9940	10197	10871	29267
	5%	5%	5%	5%	5%	6%
grade 5 events	1530	1615	1430	1598	1760	7632
	0%	0%	0%	0%	0%	1%
grade 6 events	23671	24195	22654	22333	28703	151166
	12%	12%	12%	12%	14%	32%
grade 7 events	19874	20590	21700	21556	21908	50413
	10%	10%	11%	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	181.995394980992	Alternating exposures requested	N	N
Pointing Dec	0	-0.9716515354001294	Primary exposure time	3.2	3.2
Pointing Roll	0.0	66.43045660972591			
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	130441706.862434	130441706.09396			
Observation start date	2002-02-18T17:48:27	2002-02-18T17:48:26			
Observation end time	130453254.5129	130453253.74443			
Observation end date	2002-02-18T21:00:55	2002-02-18T21:00:53			
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)	2006.09.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.62553552

A.2 Comments

The ACIS focal plane temperature was above calibration limits for the entire observation.