

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59991 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Apr 13 2006

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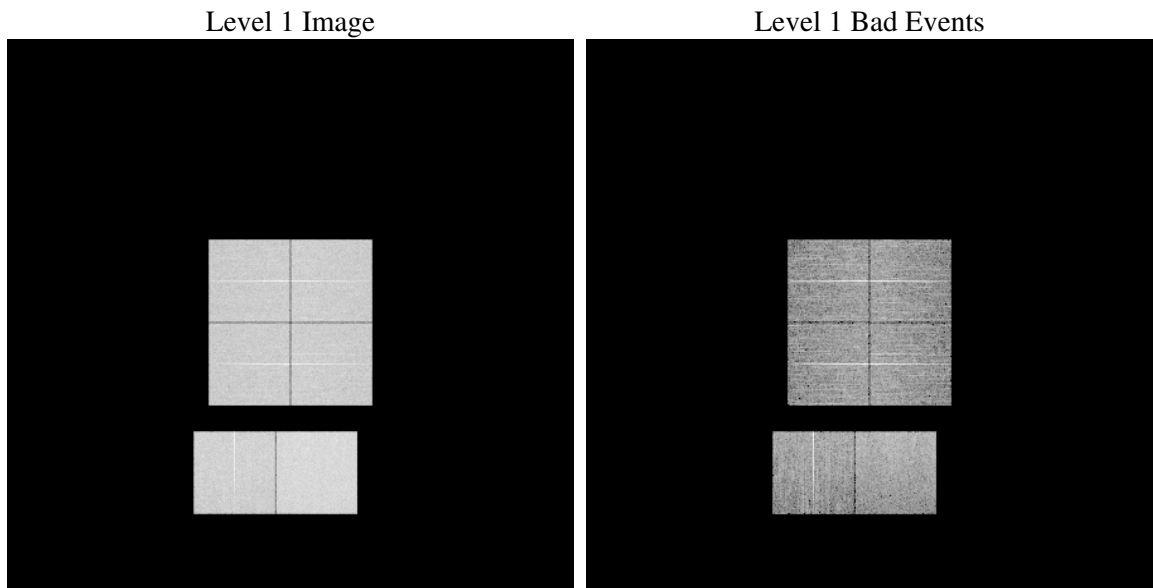
1 Front

seq_num	
obs_id	59991
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	341.02467181032
dec_nom	-12.015291463746
roll_nom	294.73772562999
revision	2
ontime	7798.3999709487
livetime	7699.6519348838
ontime0	6210.325130403
ontime1	6414.50672701
ontime2	6129.3016707301
ontime3	6242.7355307341
ontime6	6664.0611388981
ontime7	7798.3999709487
l2events	1057858

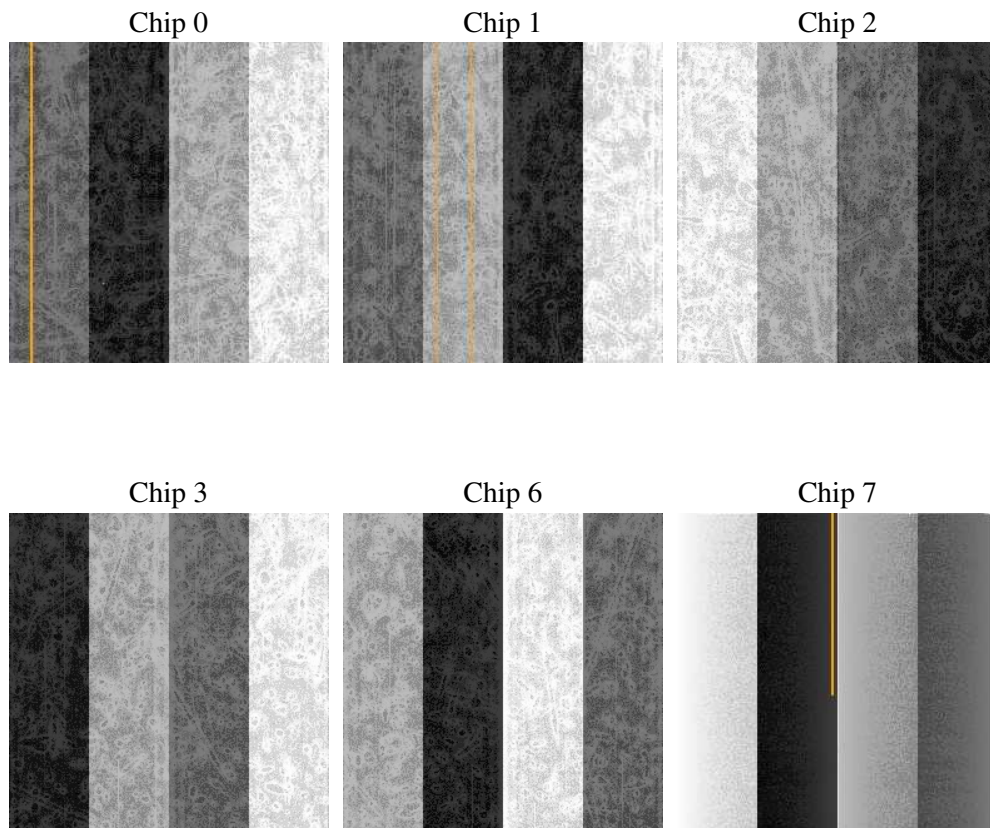
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-13T18:25:49
revision	2

sched_exp_time	0.0
ontime	7801.0934793949
ontime0	6213.0186388493
ontime1	6417.2002354562
ontime2	6131.9951791763
ontime3	6245.4290391803
ontime6	6666.7546473444
ontime7	7801.0934793949
l1events	1412416

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	215648	222878	218218	221506	244154	290012
rejected events	46501	47143	48421	48316	51900	59380
rejected %	21%	21%	22%	21%	21%	20%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	92906	96176	95066	96579	104281	40786
	43%	43%	43%	43%	42%	14%
grade 1 events	612	522	647	593	551	111
	0%	0%	0%	0%	0%	0%
grade 2 events	29622	31228	28897	29745	33384	68692
	13%	14%	13%	13%	13%	23%
grade 3 events	11157	11137	11071	11499	12179	16884
	5%	4%	5%	5%	4%	5%
grade 4 events	10938	11383	11086	11598	12027	16742
	5%	5%	5%	5%	4%	5%
grade 5 events	2862	2980	2752	3287	3349	7216
	1%	1%	1%	1%	1%	2%
grade 6 events	24608	25897	23781	23850	30470	87613
	11%	11%	10%	10%	12%	30%
grade 7 events	42943	43555	44918	44355	47913	51968
	19%	19%	20%	20%	19%	17%

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	341.0246718103168	Alternating exposures requested	N	N
Pointing Dec	0	-12.01529146374608	Primary exposure time	3.2	3.2
Pointing Roll	0.0	294.737725629991			
SIM focus pos (mm)	-0.782348	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	215199885.279734	215199884.25474			
Observation start date	2004-10-26T17:44:45	2004-10-26T17:44:44			
Observation end time	215220924.430676	215220923.40568			
Observation end date	2004-10-26T23:35:24	2004-10-26T23:35:23			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.79839997

A.2 Comments