

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 62871 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jun 18 2007

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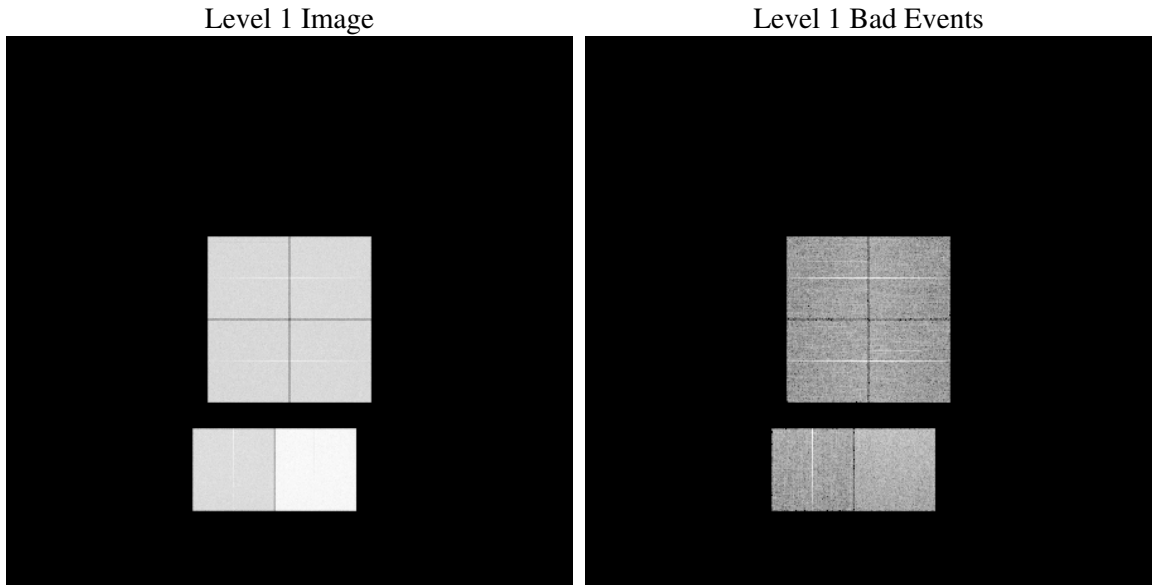
1 Front

seq_num	
obs_id	62871
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	131.42273630535
dec_nom	7.4508107252795
roll_nom	70.221381218824
revision	2
ontime	16784.887193725
livetime	16572.346845432
ontime0	7443.0316121131
ontime1	7598.6420534849
ontime2	7152.6424524039
ontime3	7310.0670520365
ontime6	7815.8737033606
ontime7	16784.887193725
l2events	3864425

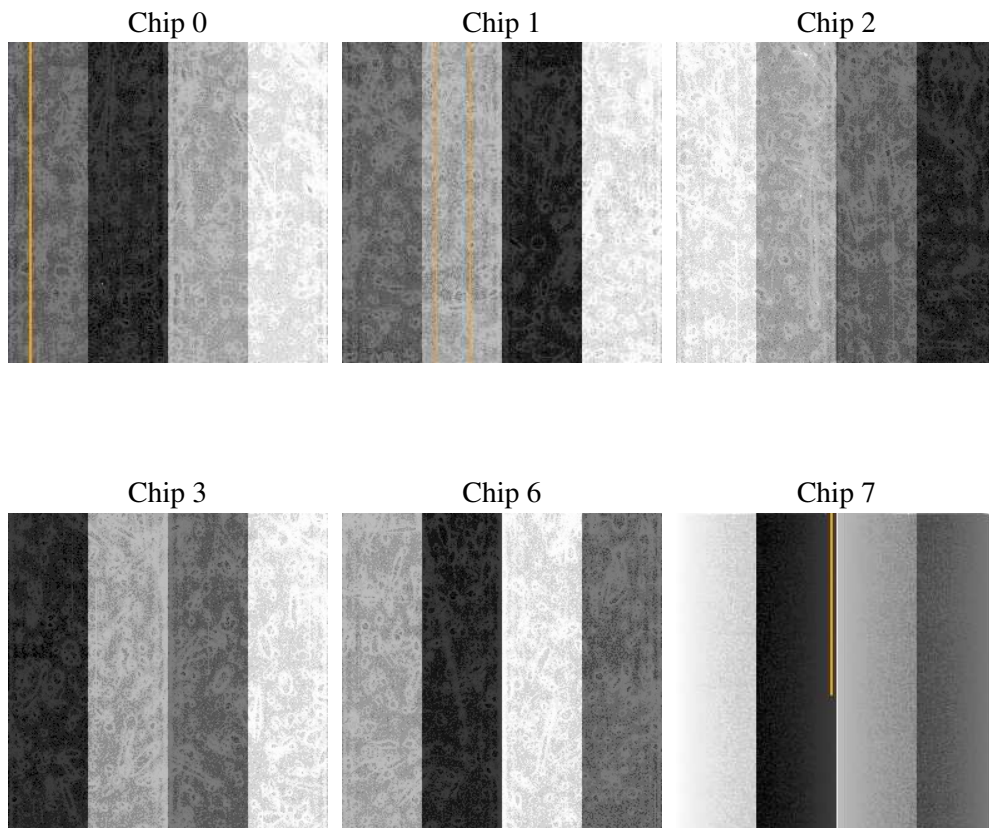
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-18T20:32:55
revision	2

sched_exp_time	0.0
ontime	16784.887193725
ontime0	7443.0316121131
ontime1	7598.6420534849
ontime2	7152.6424524039
ontime3	7310.0670520365
ontime6	7815.8737033606
ontime7	16784.887193725
l1events	4379766

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	596498	609493	580818	596761	658889	1337307
rejected events	52346	52729	52933	54568	57557	79231
rejected %	8%	8%	9%	9%	8%	5%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	300786	308749	295347	304962	329143	326168
	50%	50%	50%	51%	49%	24%
grade 1 events	1494	1419	1411	1525	1574	835
	0%	0%	0%	0%	0%	0%
grade 2 events	96707	98514	92405	94894	104283	279600
	16%	16%	15%	15%	15%	20%
grade 3 events	34620	35066	32909	34243	37248	129142
	5%	5%	5%	5%	5%	9%
grade 4 events	34606	35014	33168	34073	37025	127971
	5%	5%	5%	5%	5%	9%
grade 5 events	3985	4154	3919	4201	4673	17311
	0%	0%	0%	0%	0%	1%
grade 6 events	78839	80640	75294	75501	95215	398602
	13%	13%	12%	12%	14%	29%
grade 7 events	45461	45937	46365	47362	49728	57678
	7%	7%	7%	7%	7%	4%

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	131.4227363053525	Alternating exposures requested	N	N
Pointing Dec	0	7.450810725279521	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	70.22138121882389			
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	91767309.395	91767308.626853			
Observation start date	2000-11-28T02:55:09	2000-11-28T02:55:08			
Observation end time	91793045.096	91793044.32783601			
Observation end date	2000-11-28T10:04:05	2000-11-28T10:04:04			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	16.7848871

A.2 Comments