

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 60873 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jul 19 2006

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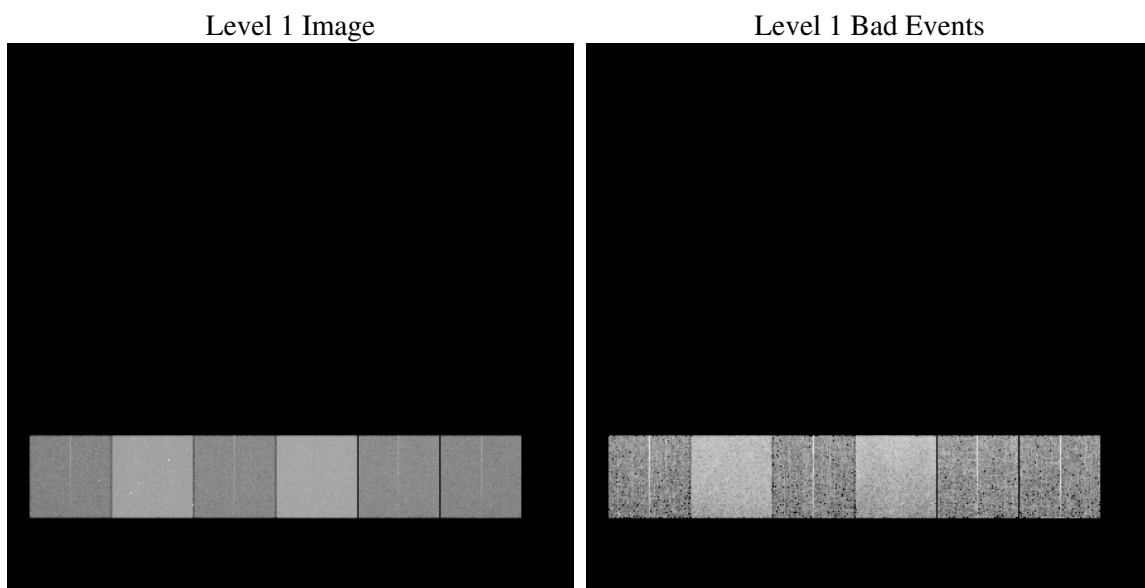
1 Front

seq_num	
obs_id	60873
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	174.99730193313
dec_nom	-3.9715252253901
roll_nom	62.477351227641
revision	2
ontime	8459.0866311491
livetime	8351.972582775
ontime4	3432.4451388717
ontime5	8459.1276711524
ontime6	3717.612849623
ontime7	8459.0866311491
ontime8	3837.6127518415
ontime9	3610.5358778238
l2events	1258717

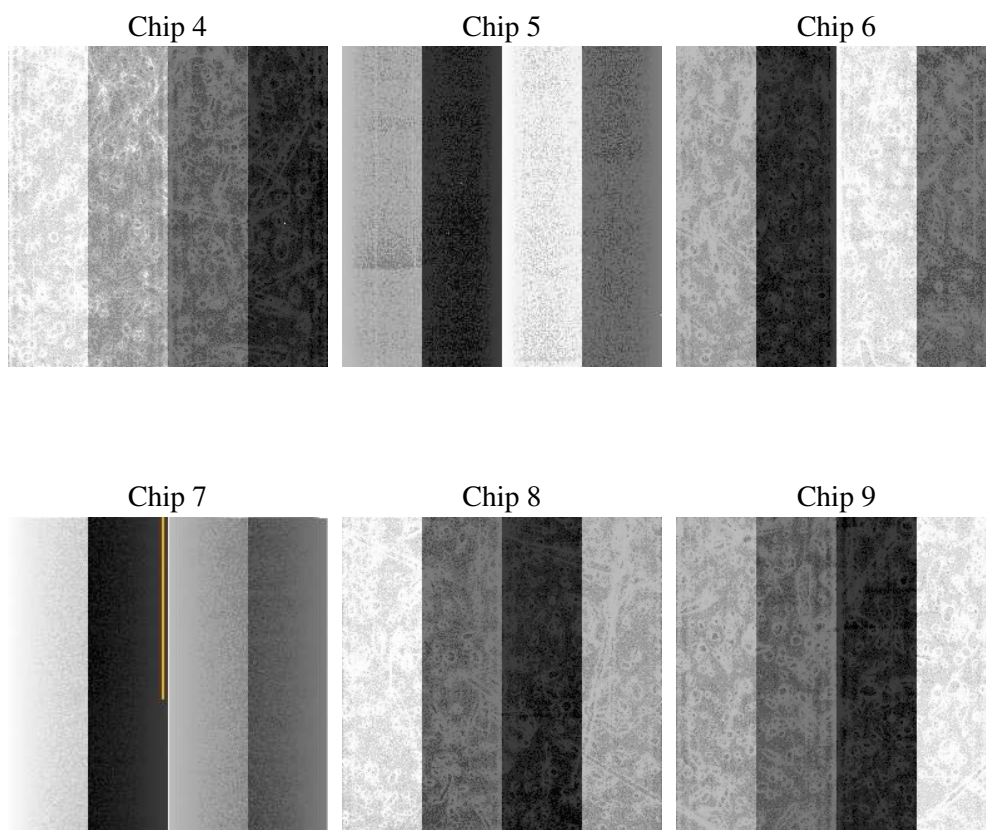
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-19T16:43:21
revision	2

sched_exp_time	0.0
ontime	8462.2615843713
ontime4	3435.496972084
ontime5	8462.2615843713
ontime6	3720.7057228386
ontime7	8462.2615843713
ontime8	3840.6235450804
ontime9	3613.7518710494
l1events	1544272

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	166253	385859	190356	420945	200737	180122
rejected events	24899	63861	25564	57877	28426	25485
rejected %	14%	16%	13%	13%	14%	14%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	82279	39338	90074	66295	95344	85492
	49%	10%	47%	15%	47%	47%
grade 1 events	565	148	436	141	422	488
	0%	0%	0%	0%	0%	0%
grade 2 events	22662	153677	28388	109001	30031	26571
	13%	39%	14%	25%	14%	14%
grade 3 events	9385	10862	10207	27226	11035	9871
	5%	2%	5%	6%	5%	5%
grade 4 events	9278	10722	10324	26891	10977	9860
	5%	2%	5%	6%	5%	5%
grade 5 events	1668	7070	1835	7479	2194	1920
	1%	1%	0%	1%	1%	1%
grade 6 events	17886	107520	25950	133800	25058	22986
	10%	27%	13%	31%	12%	12%
grade 7 events	22530	56522	23142	50112	25676	22934
	13%	14%	12%	11%	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	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
Pointing RA	0	174.9973019331297	Alternating exposures requested	N	N
Pointing Dec	0	-3.971525225390081	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	62.4773512276408			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	159726315.023982	159726313.99927			
Observation start date	2003-01-23T16:25:15	2003-01-23T16:25:13			
Observation end time	159747624.774874	159747623.75016			
Observation end date	2003-01-23T22:20:25	2003-01-23T22:20:23			
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)	2006.07.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.45908663

A.2 Comments