

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 59806 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: Feb 22 2006

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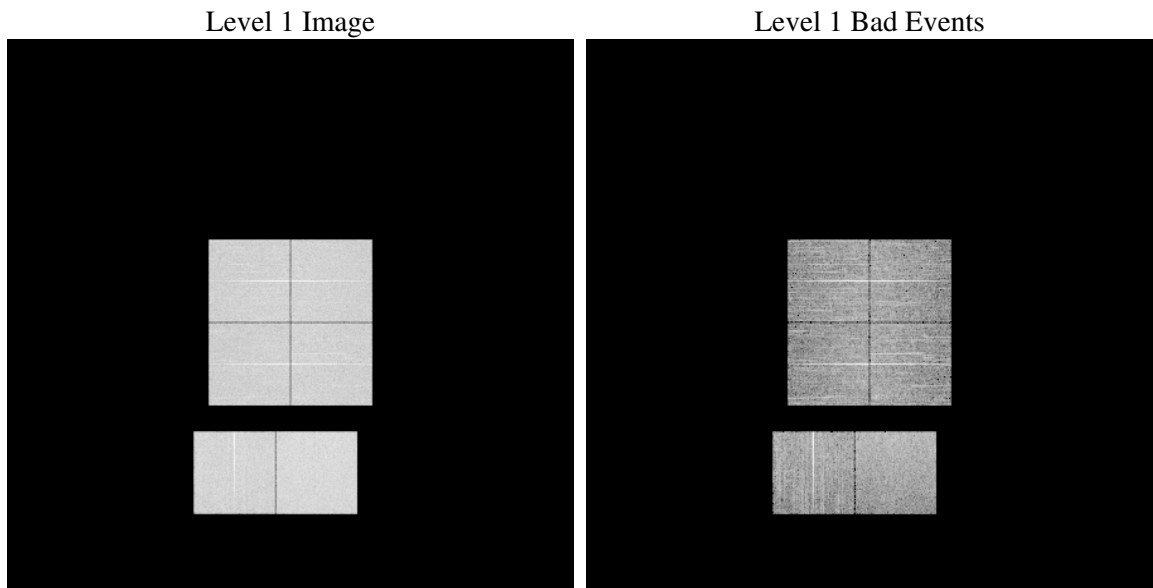
1 Front

seq_num	
obs_id	59806
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	131.41158370234
dec_nom	17.373522373163
roll_nom	257.51458604595
revision	2
ontime	8275.1999691725
livetime	8170.4144044356
ontime0	7381.6833138466
ontime1	7487.6431765556
ontime2	7099.800429523
ontime3	7281.1311441958
ontime6	7615.1565160453
ontime7	8275.1999691725
l2events	1121658

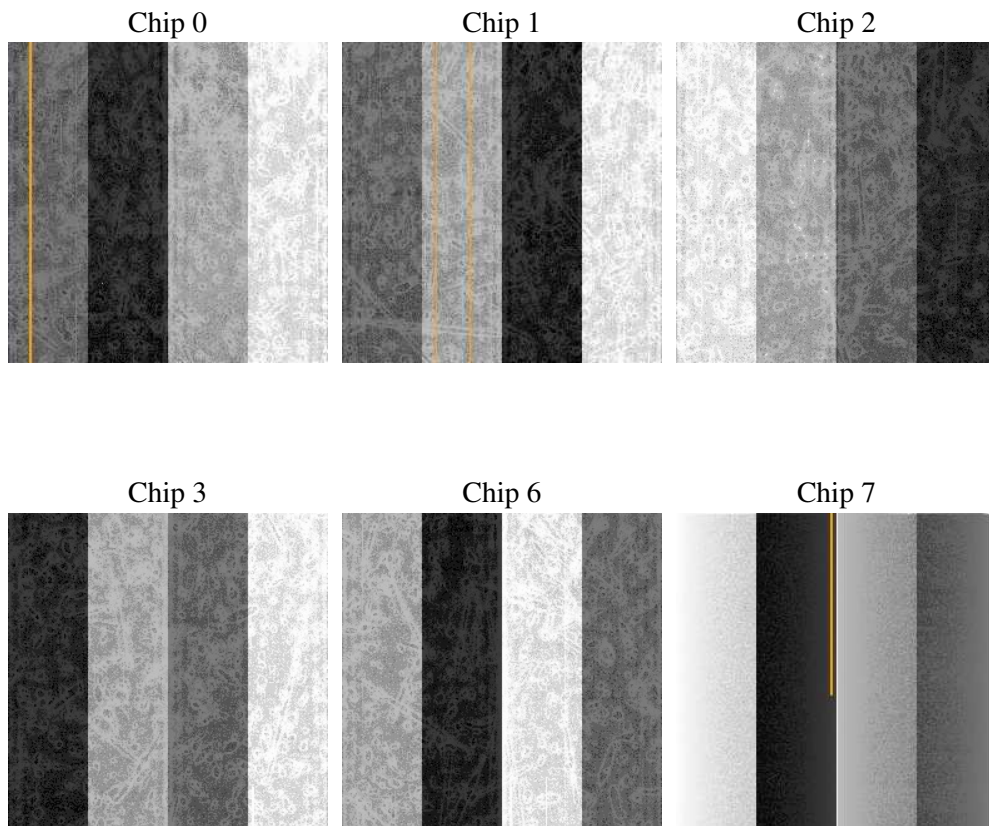
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-23T02:18:57
revision	2

sched_exp_time	0.0
ontime	8284.0137346089
ontime0	7389.5042636096
ontime1	7496.456941992
ontime2	7107.5392992795
ontime3	7289.0341739655
ontime6	7622.8543458283
ontime7	8284.0137346089
l1events	1492919

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	238878	239996	231400	240118	258982	283545
rejected events	50763	48733	48446	51615	55278	58957
rejected %	21%	20%	20%	21%	21%	20%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	103590	104335	102351	105412	110407	37640
	43%	43%	44%	43%	42%	13%
grade 1 events	550	528	610	654	541	114
	0%	0%	0%	0%	0%	0%
grade 2 events	33125	34392	30878	32207	35558	68390
	13%	14%	13%	13%	13%	24%
grade 3 events	12160	12230	12092	12458	12714	15655
	5%	5%	5%	5%	4%	5%
grade 4 events	12187	12228	11936	12436	12658	15469
	5%	5%	5%	5%	4%	5%
grade 5 events	3194	3163	2897	3369	3542	6907
	1%	1%	1%	1%	1%	2%
grade 6 events	27234	28255	25840	26146	32563	87606
	11%	11%	11%	10%	12%	30%
grade 7 events	46838	44865	44796	47436	50999	51764
	19%	18%	19%	19%	19%	18%

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	131.4115837023394	Alternating exposures requested	N	N
Pointing Dec	0	17.37352237316289	Primary exposure time	3.2	3.2
Pointing Roll	0.0	257.5145860459532			
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	224378490.0929	224378489.06791			
Observation start date	2005-02-09T23:21:30	2005-02-09T23:21:29			
Observation end time	224401689.943949	224401688.91896			
Observation end date	2005-02-10T05:48:10	2005-02-10T05:48:08			
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)	2006.02.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.27519996

A.2 Comments