

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59637 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Mar 8 2006

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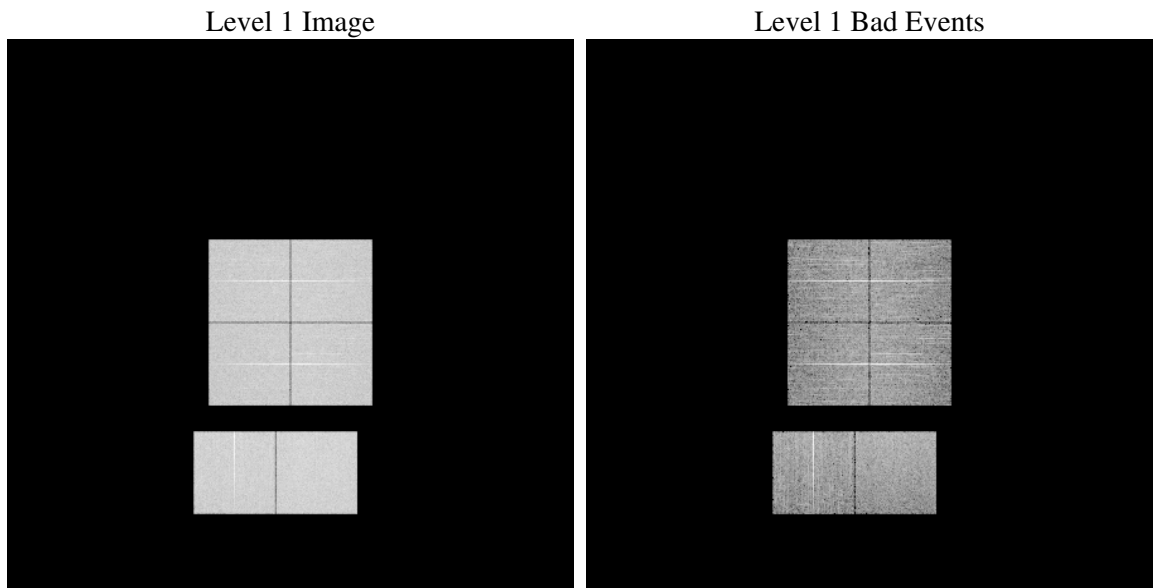
1 Front

seq_num	
obs_id	59637
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	238.98342729298
dec_nom	2.1765827516771
roll_nom	201.56115763882
revision	2
ontime	8278.8899468184
livetime	8174.0576573627
ontime0	7717.6700576842
ontime1	7873.2369515598
ontime2	7374.1264562309
ontime3	7672.7864211202
ontime6	8096.8643420935
ontime7	8278.8899468184
l2events	1094995

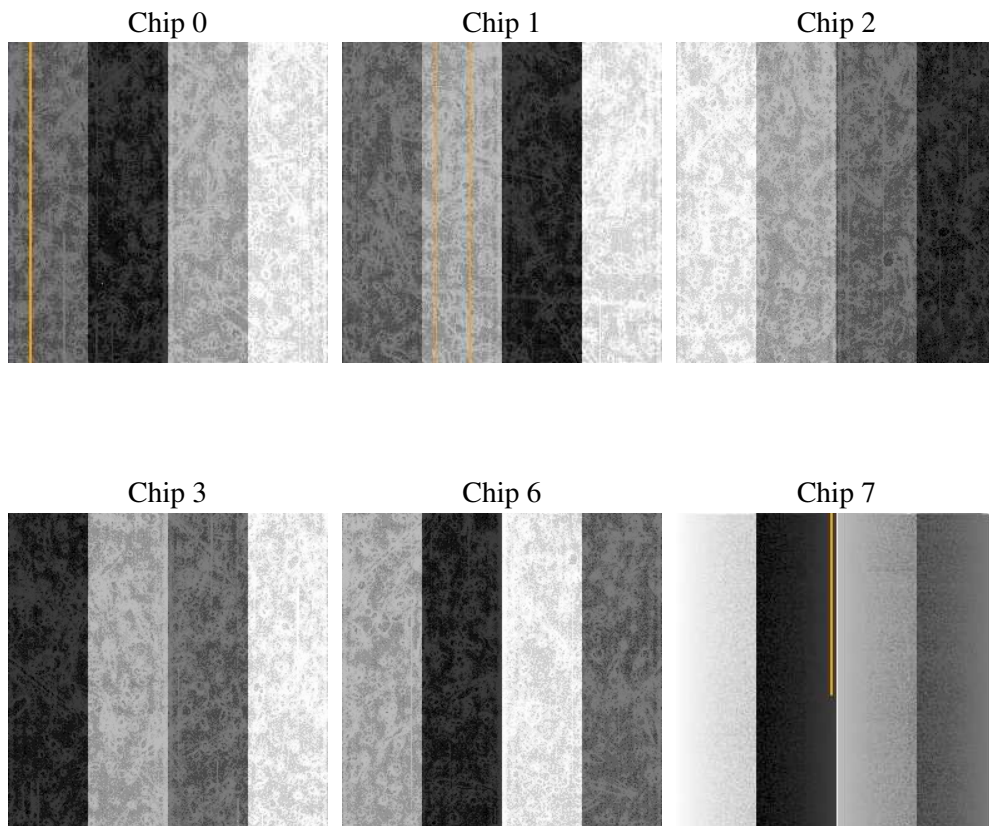
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-09T01:31:20
revision	2

sched_exp_time	0.0
ontime	8280.7739576101
ontime0	7720.0850662291
ontime1	7875.6519601047
ontime2	7376.5414647758
ontime3	7674.7114719152
ontime6	8099.2793506384
ontime7	8280.7739576101
l1events	1488713

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	238374	242394	229832	241758	262547	273808
rejected events	53252	53932	51905	56661	59941	61648
rejected %	22%	22%	22%	23%	22%	22%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	102234	102132	100055	104233	109145	33240
	42%	42%	43%	43%	41%	12%
grade 1 events	566	525	594	624	525	108
	0%	0%	0%	0%	0%	0%
grade 2 events	32294	34297	29587	31220	35437	66387
	13%	14%	12%	12%	13%	24%
grade 3 events	11893	11878	11690	12025	12585	14026
	4%	4%	5%	4%	4%	5%
grade 4 events	11595	11921	11459	12114	12393	13955
	4%	4%	4%	5%	4%	5%
grade 5 events	3254	3549	3043	3548	3732	6737
	1%	1%	1%	1%	1%	2%
grade 6 events	27197	28304	25232	25579	33114	84640
	11%	11%	10%	10%	12%	30%
grade 7 events	49341	49788	48172	52415	55616	54715
	20%	20%	20%	21%	21%	19%

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	238.9834272929807	Alternating exposures requested	N	N
Pointing Dec	0	2.176582751677091	Primary exposure time	3.2	3.2
Pointing Roll	0.0	201.5611576388178			
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	233978792.228959	233978791.20397			
Observation start date	2005-06-01T02:06:32	2005-06-01T02:06:31			
Observation end time	234001042.929973	234001041.90498			
Observation end date	2005-06-01T08:17:23	2005-06-01T08:17:21			
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)	2006.03.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.27888994

A.2 Comments

Focal plane temperature is elevated during entire observation.
Calibration may be affected.