

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59519 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Mar 19 2006

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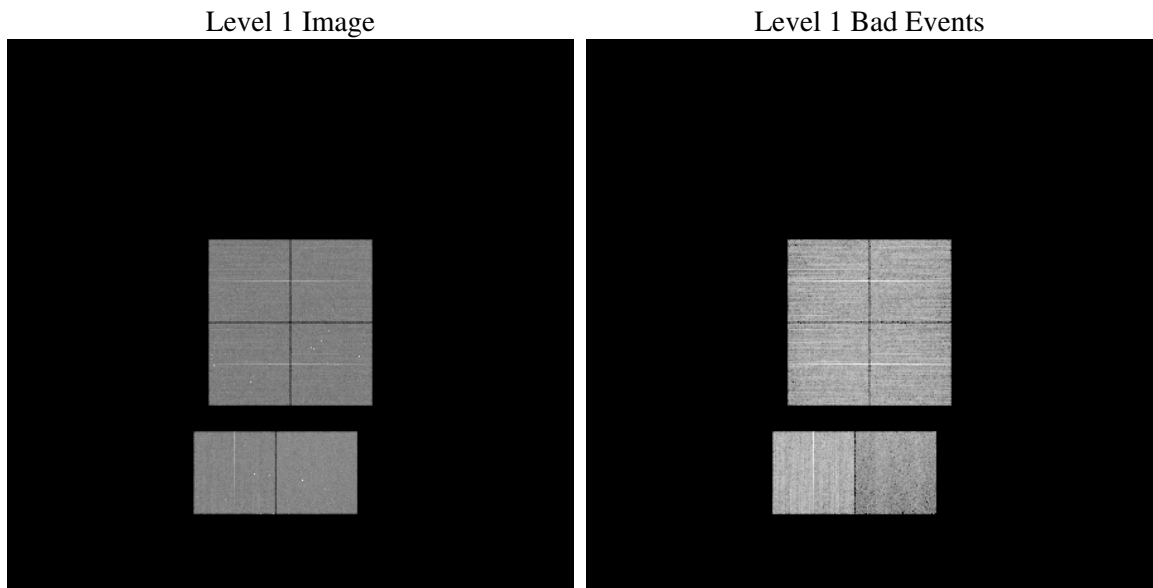
1 Front

seq_num	
obs_id	59519
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	88.585665312074
dec_nom	6.6213174444366
roll_nom	106.93995712987
revision	2
ontime	6870.9665336311
livetime	6783.9622181829
ontime0	5691.2976162136
ontime1	5905.2421056032
ontime2	5458.0300062299
ontime3	5687.9742869139
ontime6	6089.2872432172
ontime7	6870.9665336311
l2events	777420

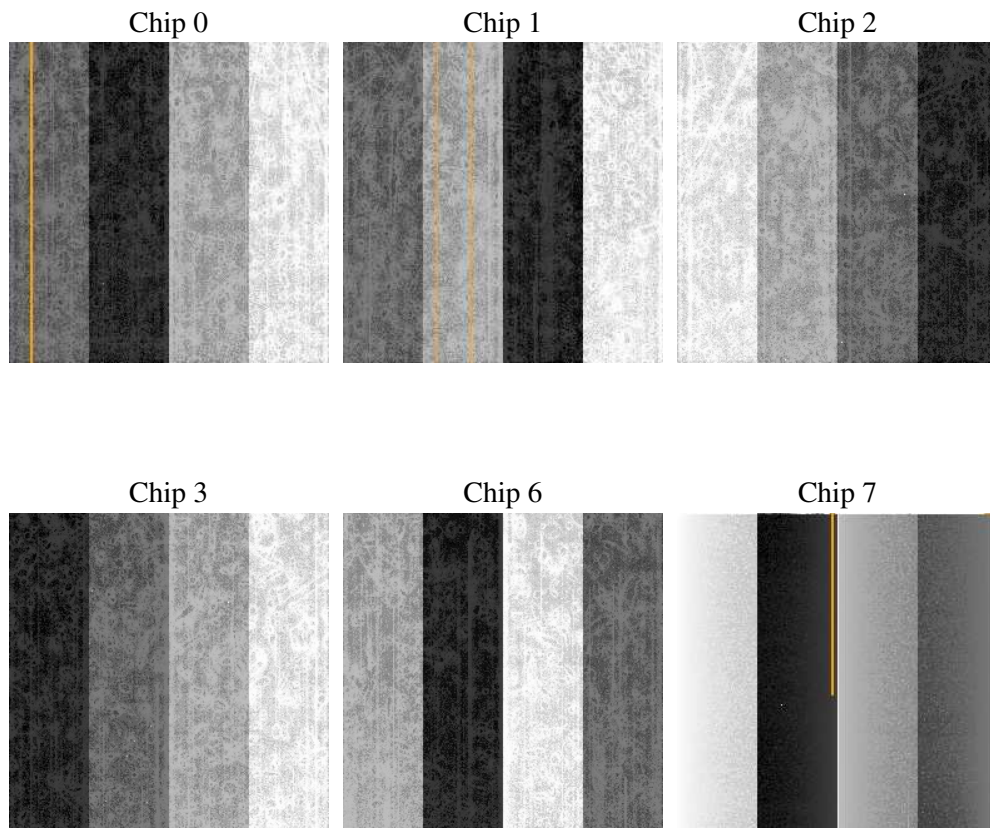
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-19T13:43:56
revision	2

sched_exp_time	0.0
ontime	6874.1601448059
ontime0	5694.4501873851
ontime1	5908.3536367714
ontime2	5461.1004973948
ontime3	5691.208938092
ontime6	6093.0884337425
ontime7	6874.1601448059
l1events	1245865

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	193316	197401	193908	196763	226825	237652
rejected events	69613	68741	73747	69811	87605	43987
rejected %	36%	34%	38%	35%	38%	18%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	24473	23774	21973	23745	22244	43187
	12%	12%	11%	12%	9%	18%
grade 1 events	389	368	392	354	381	170
	0%	0%	0%	0%	0%	0%
grade 2 events	69220	73733	70383	73874	83346	38175
	35%	37%	36%	37%	36%	16%
grade 3 events	2708	2574	2106	2204	2167	21676
	1%	1%	1%	1%	0%	9%
grade 4 events	2648	2550	2084	2323	2181	18206
	1%	1%	1%	1%	0%	7%
grade 5 events	2388	2317	2134	2417	2585	5970
	1%	1%	1%	1%	1%	2%
grade 6 events	24719	26107	23680	24890	29343	72511
	12%	13%	12%	12%	12%	30%
grade 7 events	66771	65978	71156	66956	84578	37757
	34%	33%	36%	34%	37%	15%

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	88.58566531207433	Alternating exposures requested	N	N
Pointing Dec	0	6.621317444436602	Primary exposure time	3.2	3.2
Pointing Roll	0.0	106.9399571298742			
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	239648889.538172	239648888.51319			
Observation start date	2005-08-05T17:08:10	2005-08-05T17:08:08			
Observation end time	239666917.239012	239666916.21401			
Observation end date	2005-08-05T22:08:37	2005-08-05T22:08:36			
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)	2006.03.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.87096653

A.2 Comments

ACIS focal plane temp is well above the calibration limits--an ACIS heating test was run during this observation.