

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 60599 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jul 12 2006

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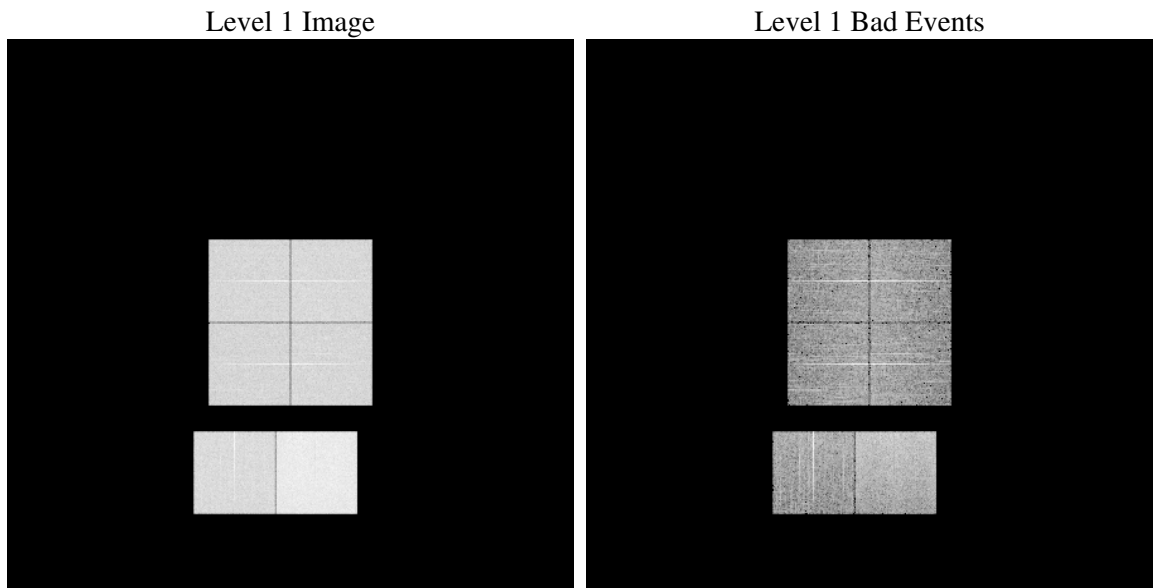
1 Front

seq_num	
obs_id	60599
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	21.979908645653
dec_nom	-39.975900237309
roll_nom	89.66526340543
revision	2
ontime	8371.1999688148
livetime	8265.1987942782
ontime0	5240.4214738905
ontime1	5417.6818000078
ontime2	4957.5030100942
ontime3	5125.8699902296
ontime6	5566.8488316536
ontime7	8371.1999688148
l2events	1223376

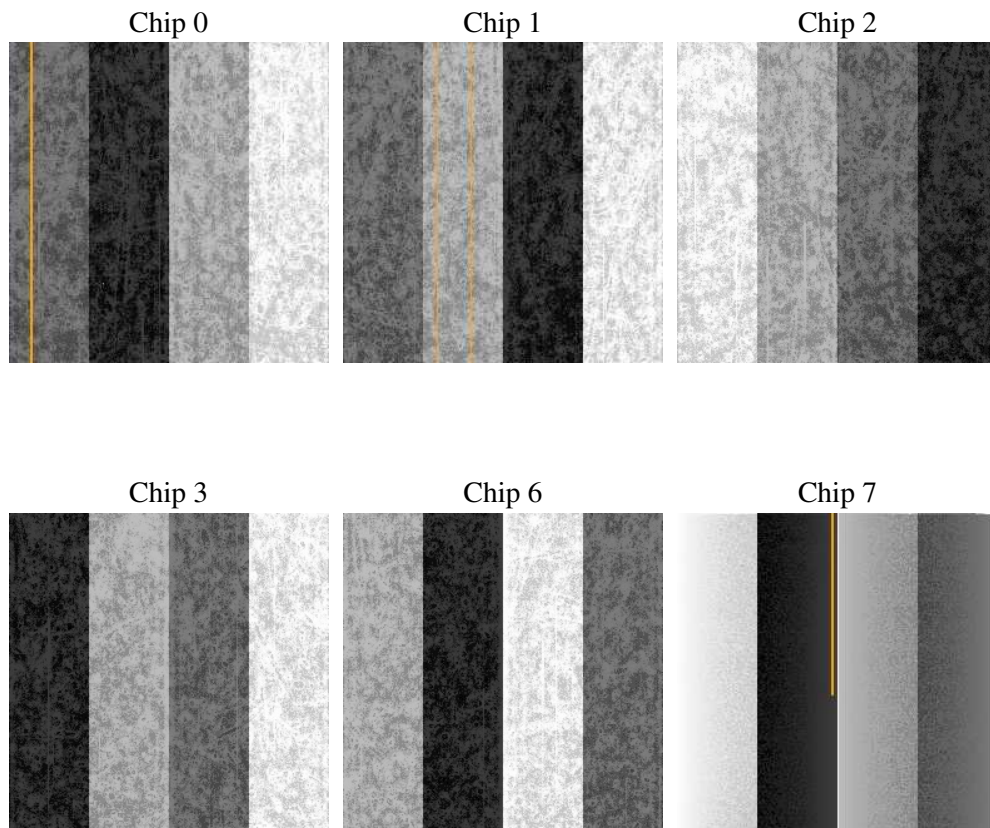
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-13T02:35:40
revision	2

sched_exp_time	0.0
ontime	8442.8131502867
ontime0	5282.8659129143
ontime1	5464.3603276312
ontime2	4994.4174872637
ontime3	5162.9487071037
ontime6	5610.2043089569
ontime7	8442.8131502867
l1events	1534595

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	227381	235788	219051	227206	252328	372841
rejected events	35903	36980	37176	37029	41634	64265
rejected %	15%	15%	16%	16%	16%	17%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	106921	108237	104260	109121	110901	49493
	47%	45%	47%	48%	43%	13%
grade 1 events	520	408	547	568	440	114
	0%	0%	0%	0%	0%	0%
grade 2 events	33514	38273	29652	31775	42319	98059
	14%	16%	13%	13%	16%	26%
grade 3 events	12264	12077	11670	12172	12091	21164
	5%	5%	5%	5%	4%	5%
grade 4 events	12252	12178	11785	12330	12147	20395
	5%	5%	5%	5%	4%	5%
grade 5 events	2194	2351	2053	2349	2579	7169
	0%	0%	0%	1%	1%	1%
grade 6 events	28113	29722	25862	26090	34893	122189
	12%	12%	11%	11%	13%	32%
grade 7 events	31603	32542	33222	32801	36958	54258
	13%	13%	15%	14%	14%	14%

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	21.97990864565345	Alternating exposures requested	N	N
Pointing Dec	0	-39.97590023730936	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	89.66526340542963			
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	176399183.029172	176399182.00447			
Observation start date	2003-08-04T15:46:23	2003-08-04T15:46:22			
Observation end time	176422456.680164	176422455.65547			
Observation end date	2003-08-04T22:14:17	2003-08-04T22:14:15			
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)	2006.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.37119996

A.2 Comments

The ACIS focal plane temperature is above calibration limits for the entire observation.