

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 60134 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Apr 29 2006

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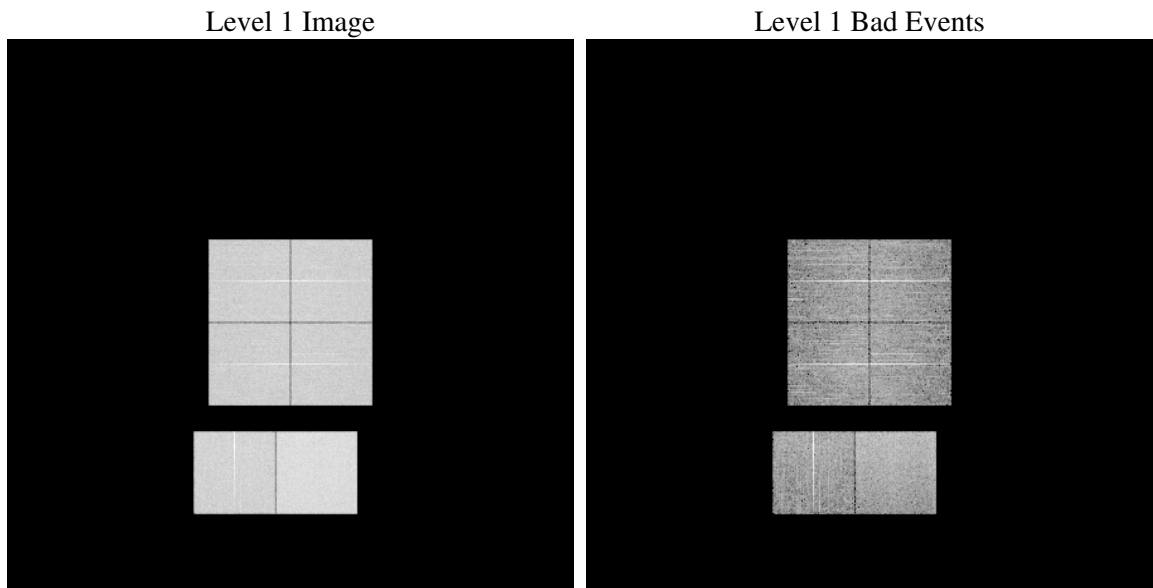
1 Front

seq_num	
obs_id	60134
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	284.00003966783
dec_nom	-15.02726142551
roll_nom	230.99560544131
revision	2
ontime	8278.3999691606
livetime	8173.573884097
ontime0	6440.7680878043
ontime1	6495.8646218479
ontime2	6142.5983622372
ontime3	6178.2479698956
ontime6	6732.455365479
ontime7	8278.3999691606
l2events	1149763

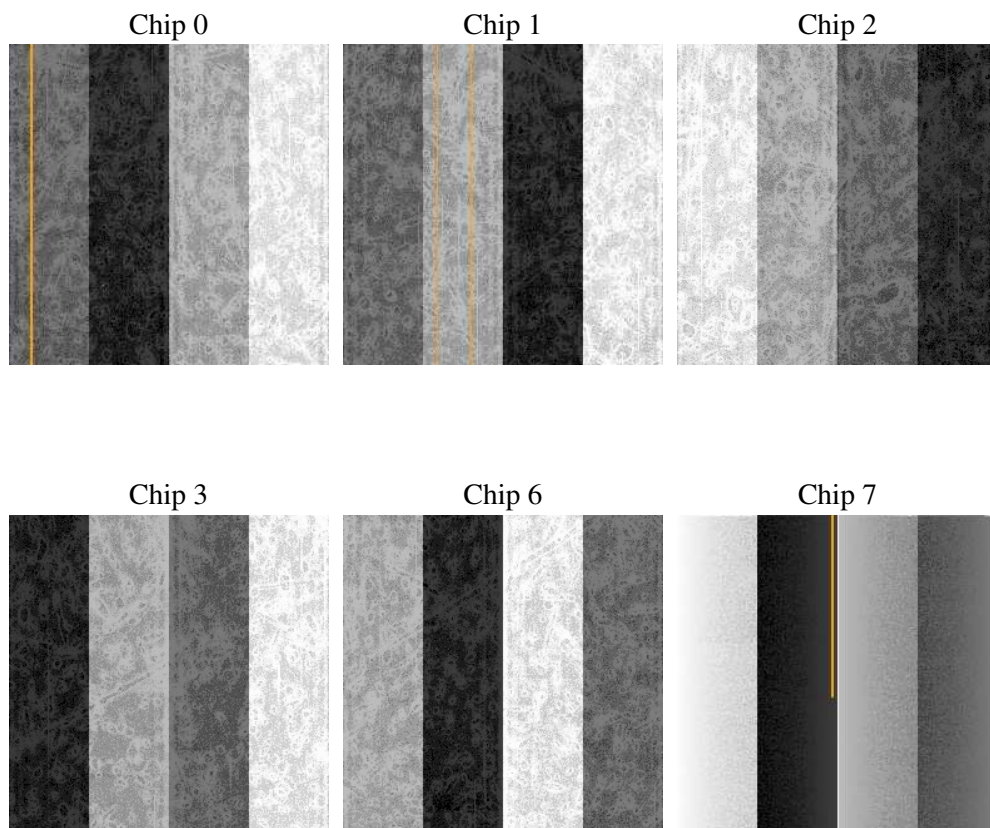
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-04-29T23:29:57
revision	2

sched_exp_time	0.0
ontime	8280.7682774663
ontime0	6443.1363961101
ontime1	6498.2329301536
ontime2	6144.966670543
ontime3	6180.6162782013
ontime6	6734.8236737847
ontime7	8280.7682774663
l1events	1499114

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	232847	236309	227074	228586	255936	318362
rejected events	44859	45531	45877	44860	49044	62263
rejected %	19%	19%	20%	19%	19%	19%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	103689	104068	101652	103301	112314	43293
	44%	44%	44%	45%	43%	13%
grade 1 events	581	558	623	658	559	108
	0%	0%	0%	0%	0%	0%
grade 2 events	32743	34262	30315	31114	35733	78237
	14%	14%	13%	13%	13%	24%
grade 3 events	12012	12062	11895	12083	12897	18025
	5%	5%	5%	5%	5%	5%
grade 4 events	12237	12147	11769	12038	12734	17684
	5%	5%	5%	5%	4%	5%
grade 5 events	2849	2914	2699	2925	3199	7244
	1%	1%	1%	1%	1%	2%
grade 6 events	27307	28239	25566	25190	33214	98860
	11%	11%	11%	11%	12%	31%
grade 7 events	41429	42059	42555	41277	45286	54911
	17%	17%	18%	18%	17%	17%

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	284.0000396678251	Alternating exposures requested	N	N
Pointing Dec	0	-15.02726142550958	Primary exposure time	3.2	3.2
Pointing Roll	0.0	230.9956054413135			
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	206112917.524579	206112916.4996			
Observation start date	2004-07-13T13:35:18	2004-07-13T13:35:16			
Observation end time	206125295.425127	206125294.40014			
Observation end date	2004-07-13T17:01:35	2004-07-13T17:01:34			
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)	2006.04.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.27839996

A.2 Comments

The ACIS focal plane temperature increases by a degree over the observation.