

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61080 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Sep 28 2006

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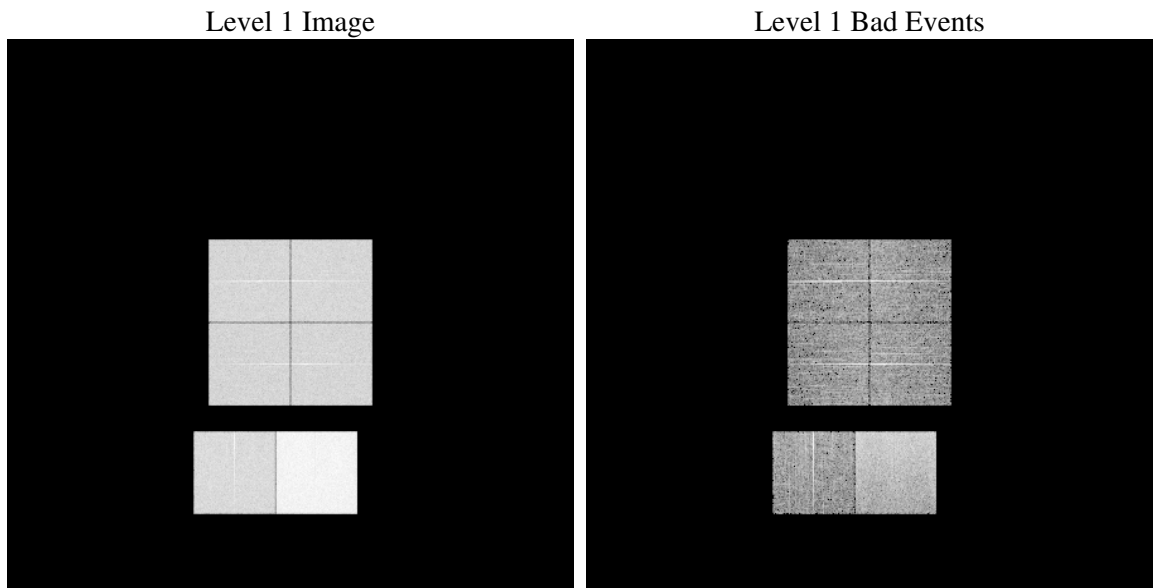
1 Front

seq_num	
obs_id	61080
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	285.72852146876
dec_nom	-36.116934661426
roll_nom	290.88237233424
revision	2
ontime	8406.3999686837
livetime	8299.9530705539
ontime0	3937.0941574872
ontime1	3960.695977658
ontime2	3737.1076289713
ontime3	3749.9072701931
ontime6	4181.1668144763
ontime7	8406.3999686837
l2events	1283320

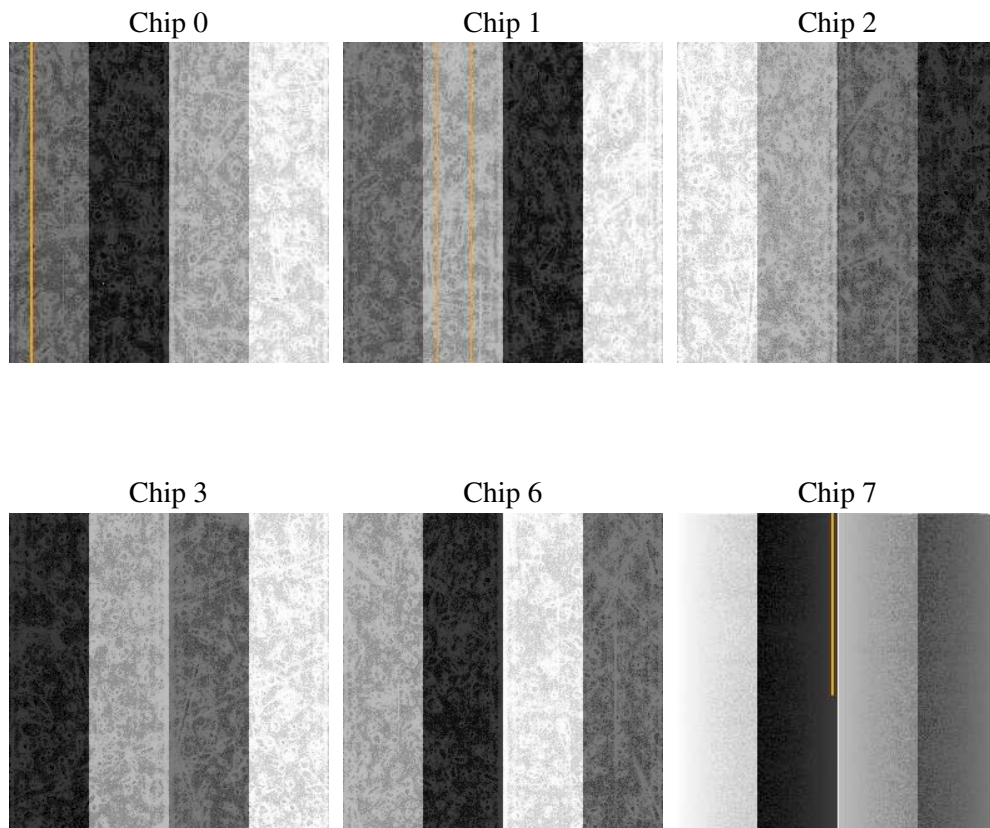
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-28T19:50:14
revision	2

sched_exp_time	0.0
ontime	8459.0159085989
ontime0	3957.3002553284
ontime1	3996.1916596293
ontime2	3766.080270648
ontime3	3772.5620516837
ontime6	4210.0983663201
ontime7	8459.0159085989
l1events	1554315

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	215683	218789	206670	210512	239342	463319
rejected events	28204	29629	28198	29969	32371	65622
rejected %	13%	13%	13%	14%	13%	14%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	104308	104455	101775	102634	112824	67572
	48%	47%	49%	48%	47%	14%
grade 1 events	569	468	578	604	546	154
	0%	0%	0%	0%	0%	0%
grade 2 events	32591	34652	29716	30356	36860	125120
	15%	15%	14%	14%	15%	27%
grade 3 events	12033	12023	11627	11671	12433	28003
	5%	5%	5%	5%	5%	6%
grade 4 events	11975	11878	11538	11760	12553	27471
	5%	5%	5%	5%	5%	5%
grade 5 events	1928	1883	1786	1851	2188	7835
	0%	0%	0%	0%	0%	1%
grade 6 events	27488	27864	25158	25171	33779	151974
	12%	12%	12%	11%	14%	32%
grade 7 events	24791	25566	24492	26465	28159	55190
	11%	11%	11%	12%	11%	11%

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	285.7285214687588	Alternating exposures requested	N	N
Pointing Dec	0	-36.11693466142624	Primary exposure time	3.2	3.2
Pointing Roll	0.0	290.8823723342361			
SIM focus pos (mm)	-0.782348	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-233.592463	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	146015473.704163	146015472.67944			
Observation start date	2002-08-17T23:51:14	2002-08-17T23:51:12			
Observation end time	146037833.055085	146037832.03036			
Observation end date	2002-08-18T06:03:53	2002-08-18T06:03:52			
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)	2006.09.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.40639996

A.2 Comments

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