

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61102 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Sep 26 2006

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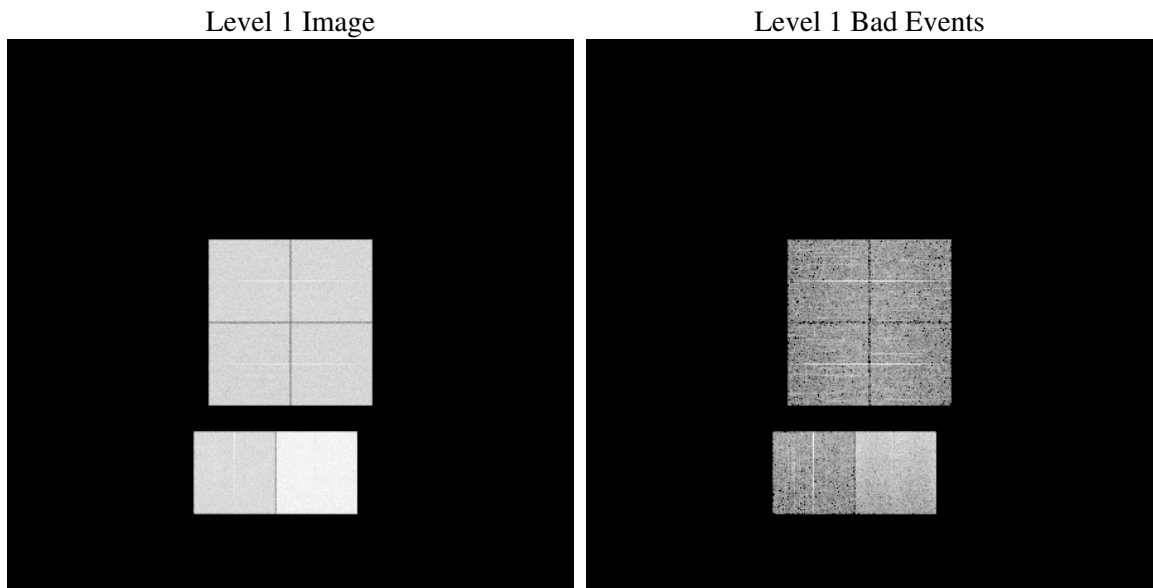
1 Front

seq_num	
obs_id	61102
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	339.57070859742
dec_nom	15.504624210576
roll_nom	137.88690787055
revision	2
ontime	8438.3999685645
livetime	8331.5478671681
ontime0	4046.7783922255
ontime1	4059.783901453
ontime2	3784.3386039734
ontime3	3917.2373091877
ontime6	4289.9771604836
ontime7	8438.3999685645
l2events	1308181

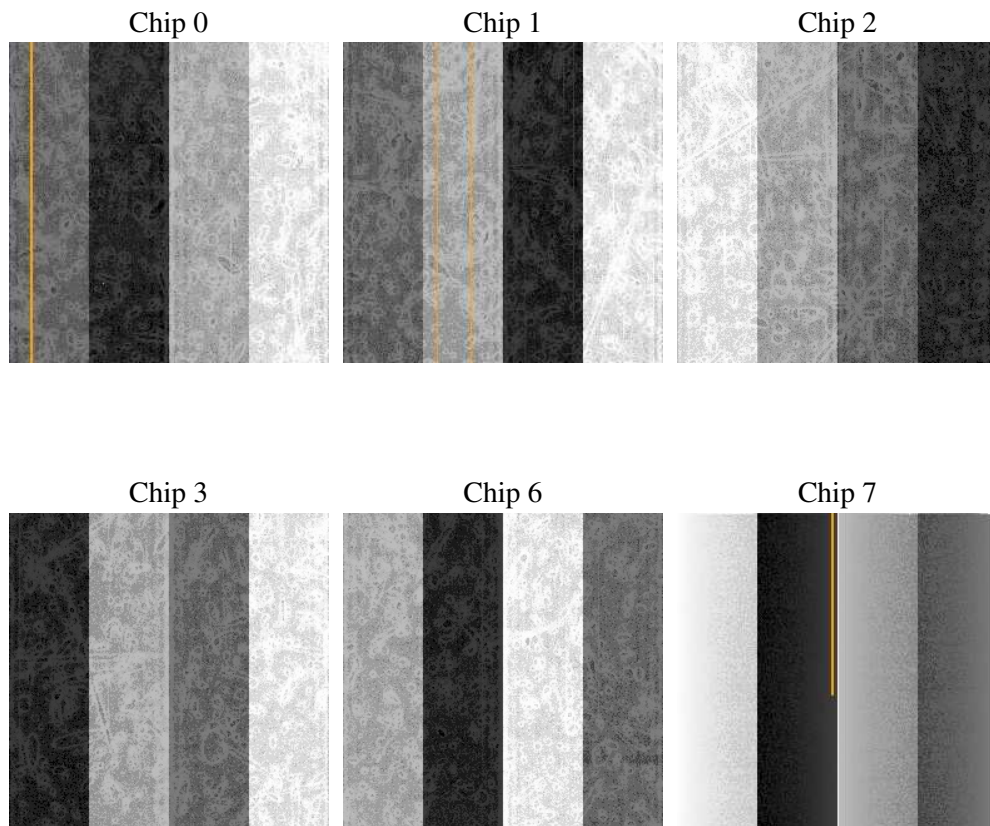
2 OBI

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	2006-09-26T21:54:50
revision	2

sched_exp_time	0.0
ontime	8465.4980180562
ontime0	4057.7705522776
ontime1	4073.9760614932
ontime2	3792.0076440275
ontime3	3931.371457696
ontime6	4307.3282307386
ontime7	8465.4980180562
l1events	1555202

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	216706	220428	206442	214371	241132	456123
rejected events	24676	26338	25589	26203	27391	58820
rejected %	11%	11%	12%	12%	11%	12%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	105558	106730	99317	104655	115782	67668
	48%	48%	48%	48%	48%	14%
grade 1 events	430	419	414	461	512	143
	0%	0%	0%	0%	0%	0%
grade 2 events	34539	35267	33794	33990	38834	125002
	15%	15%	16%	15%	16%	27%
grade 3 events	12036	12031	11091	11777	12638	28670
	5%	5%	5%	5%	5%	6%
grade 4 events	12038	12111	10887	11571	12797	27503
	5%	5%	5%	5%	5%	6%
grade 5 events	1737	1863	1639	1771	2067	7388
	0%	0%	0%	0%	0%	1%
grade 6 events	28302	28599	26075	26799	34466	149686
	13%	12%	12%	12%	14%	32%
grade 7 events	22066	23408	23225	23347	24036	50063
	10%	10%	11%	10%	9%	10%

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	339.5707085974234	Alternating exposures requested	N	N
Pointing Dec	0	15.50462421057593	Primary exposure time	3.2	3.2
Pointing Roll	0.0	137.8869078705486			
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	144410864.838106	144410863.81338			
Observation start date	2002-07-30T10:07:45	2002-07-30T10:07:43			
Observation end time	144436711.239169	144436710.21444			
Observation end date	2002-07-30T17:18:31	2002-07-30T17:18:30			
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)	2006.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.43839996

A.2 Comments

The ACIS focal plane temperature was above calibration limits for the entire observation. The focal plane temperature decreased by more than one degree during the observation.