

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61630 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Nov 21 2006

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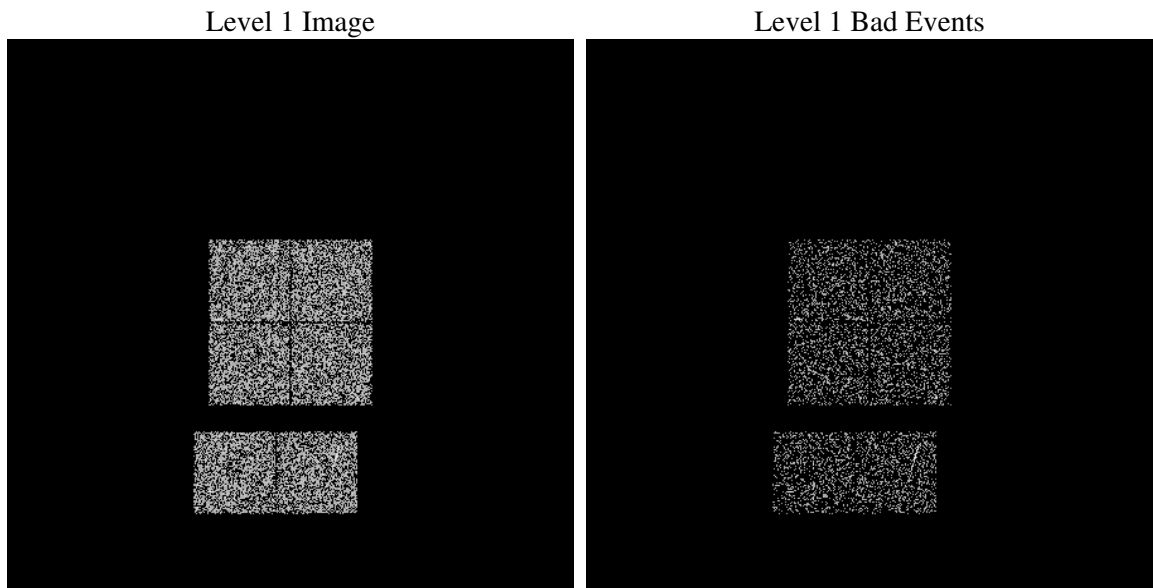
1 Front

seq_num	
obs_id	61630
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	224.98464713045
dec_nom	-0.024171437167769
roll_nom	204.79698311032
revision	3
ontime	38.400000035763
livetime	37.913756113606
ontime0	38.400000035763
ontime1	38.400000035763
ontime2	38.400000035763
ontime3	38.400000035763
ontime6	38.400000035763
ontime7	38.400000035763
l2events	14514

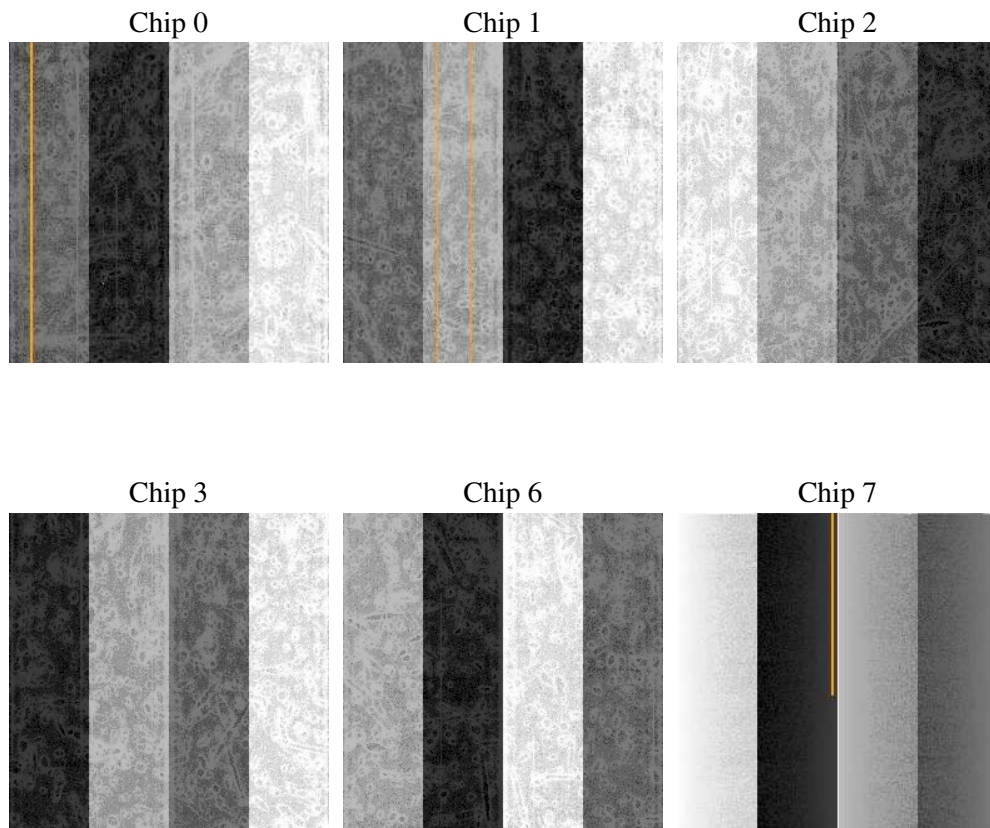
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-21T22:54:50
revision	3

sched_exp_time	0.0
ontime	51.856041833758
ontime0	51.856041833758
ontime1	51.856041833758
ontime2	51.856041833758
ontime3	51.856041833758
ontime6	51.856041833758
ontime7	51.856041833758
l1events	22409

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	3662	3735	3634	3731	3869	3778
rejected events	1153	1145	1191	1211	1164	1337
rejected %	31%	30%	32%	32%	30%	35%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1816	1831	1853	1881	1887	639
	49%	49%	50%	50%	48%	16%
grade 1 events	11	6	10	13	9	2
	0%	0%	0%	0%	0%	0%
grade 2 events	604	605	547	595	633	950
	16%	16%	15%	15%	16%	25%
grade 3 events	204	224	206	204	216	247
	5%	5%	5%	5%	5%	6%
grade 4 events	211	223	207	198	228	271
	5%	5%	5%	5%	5%	7%
grade 5 events	29	26	18	23	25	53
	0%	0%	0%	0%	0%	1%
grade 6 events	492	506	486	479	577	1204
	13%	13%	13%	12%	14%	31%
grade 7 events	295	314	307	338	294	412
	8%	8%	8%	9%	7%	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	224.9846471304549	Alternating exposures requested	N	N
Pointing Dec	0	-0.02417143716776864	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	204.7969831103156			
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	106488382.513	106488381.74436			
Observation start date	2001-05-17T12:06:23	2001-05-17T12:06:21			
Observation end time	106502297.913	106502297.1449			
Observation end date	2001-05-17T15:58:18	2001-05-17T15:58:17			
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)	2006.11.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.0384

A.2 Comments

Violation of distance from Chandra to Earth
(Dist_SatEarth:1>=60000000.0). Level 1 files are okay

>38 SECONDS of data.

>instrument only on short time in very long interval --> data are OK as
is