

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 61421 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jan 13 2007

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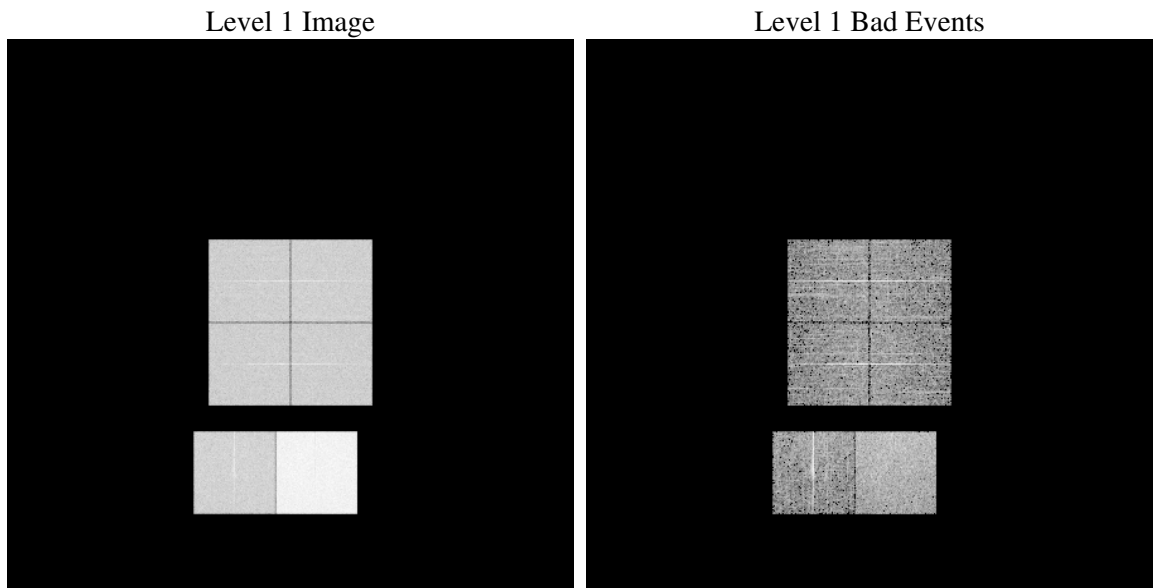
1 Front

seq_num	
obs_id	61421
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	321.04593118748
dec_nom	-60.017129995805
roll_nom	290.53247415513
revision	2
ontime	7934.2033777237
livetime	7833.7357171512
ontime0	3088.9890713096
ontime1	3189.5023110658
ontime2	3004.804550007
ontime3	3001.3992903829
ontime6	3251.1633335501
ontime7	7934.2033777237
l2events	1328790

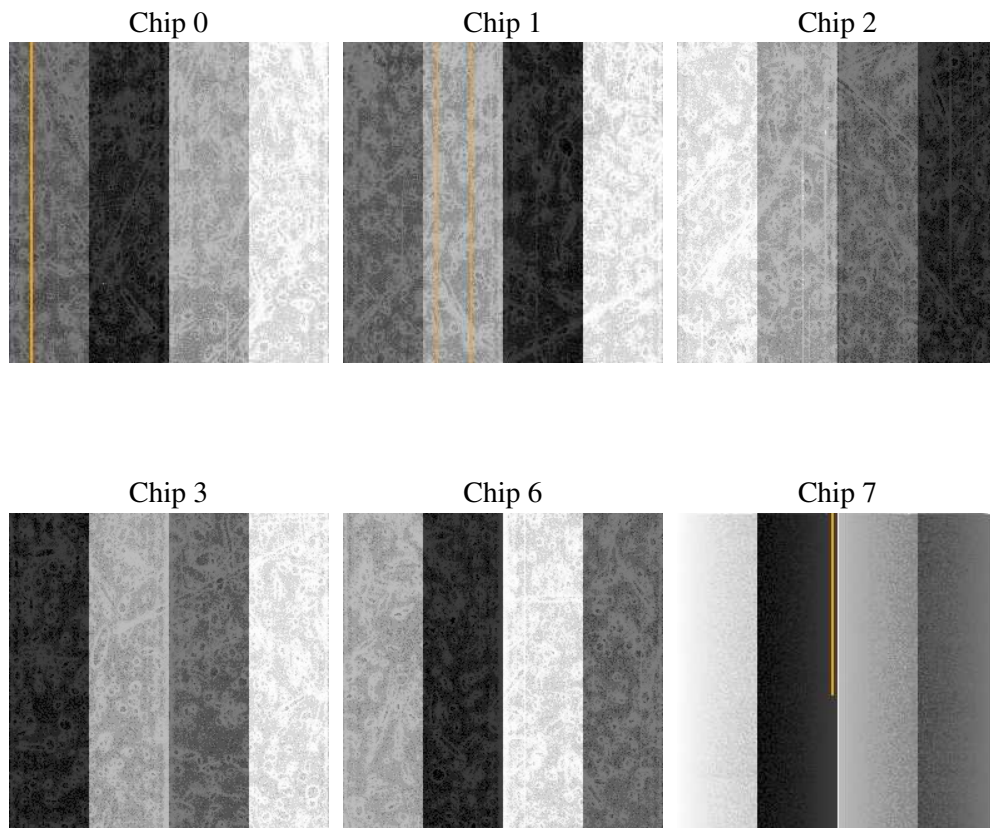
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.3.0
date	2007-01-13T17:26:10
revision	2

sched_exp_time	0.0
ontime	7934.2033777237
ontime0	3088.9890713096
ontime1	3189.5023110658
ontime2	3004.804550007
ontime3	3001.3992903829
ontime6	3251.1633335501
ontime7	7934.2033777237
l1events	1542316

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	201063	207665	198206	198439	222535	514408
rejected events	23217	22755	22889	22772	25195	40863
rejected %	11%	10%	11%	11%	11%	7%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	98061	102233	97416	98267	107186	119885
	48%	49%	49%	49%	48%	23%
grade 1 events	487	520	486	425	541	334
	0%	0%	0%	0%	0%	0%
grade 2 events	31692	32491	30967	30828	34330	104276
	15%	15%	15%	15%	15%	20%
grade 3 events	11241	11662	11020	11159	12193	48048
	5%	5%	5%	5%	5%	9%
grade 4 events	11142	11749	10943	10993	12156	47747
	5%	5%	5%	5%	5%	9%
grade 5 events	1563	1634	1507	1612	1783	8514
	0%	0%	0%	0%	0%	1%
grade 6 events	25923	26969	25140	24602	31684	153797
	12%	12%	12%	12%	14%	29%
grade 7 events	20954	20407	20727	20553	22662	31807
	10%	9%	10%	10%	10%	6%

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	321.0459311874845	Alternating exposures requested	N	N
Pointing Dec	0	-60.01712999580501	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	290.532474155126			
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	120882220.279	120882219.51043			
Observation start date	2001-10-31T02:23:40	2001-10-31T02:23:39			
Observation end time	120904675.98	120904675.21133			
Observation end date	2001-10-31T08:37:56	2001-10-31T08:37:55			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2007.01.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.93420337

A.2 Comments