

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 61315 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Aug 31 2006

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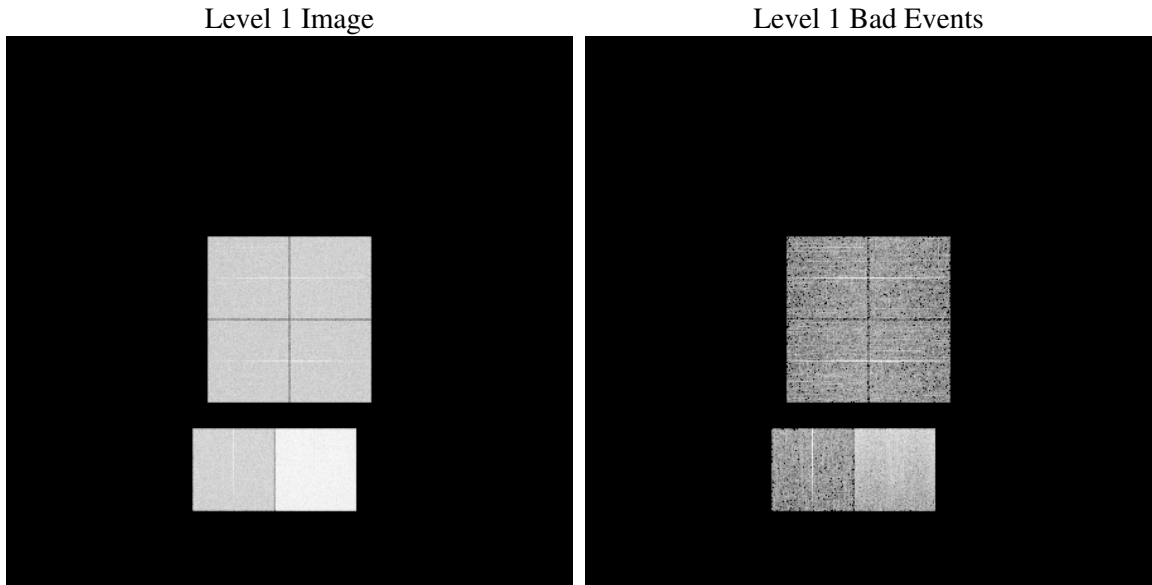
1 Front

seq_num	
obs_id	61315
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	90.015373871062
dec_nom	29.97466471616
roll_nom	264.94760276369
revision	2
ontime	7624.963497296
livetime	7528.4116182914
ontime0	3006.6107551605
ontime1	3123.3274709433
ontime2	2906.2205652595
ontime3	2980.5997869968
ontime6	3220.6405813992
ontime7	7624.963497296
l2events	1186881

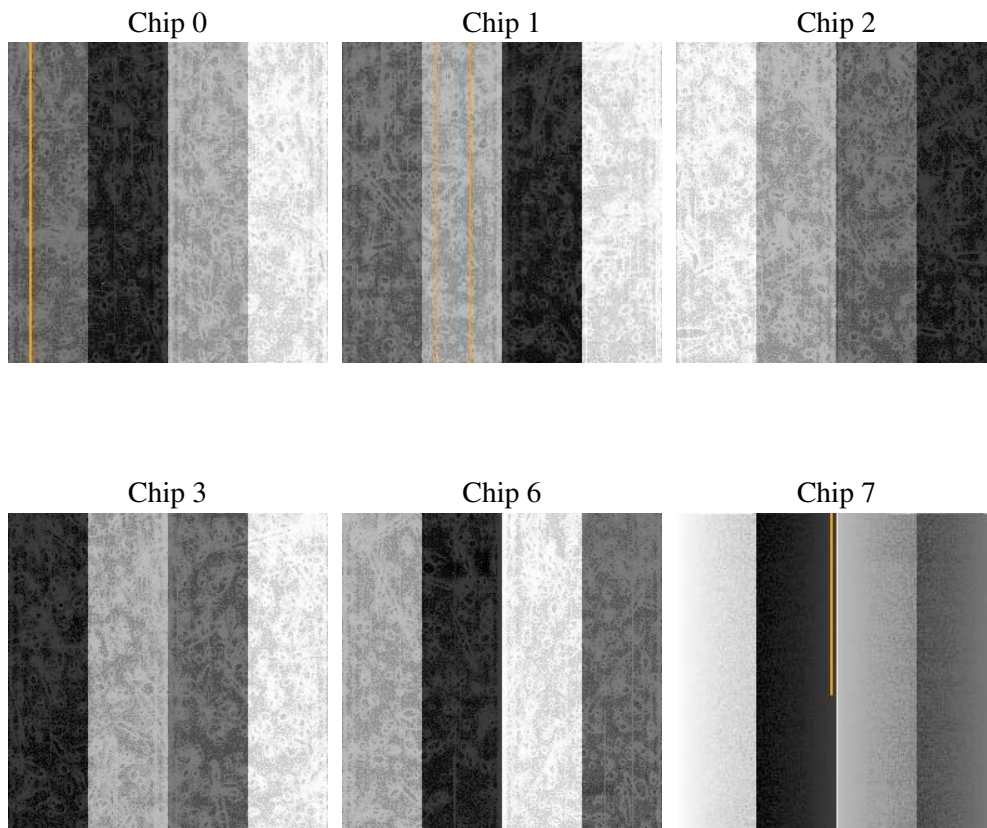
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-09-01T02:36:45
revision	2

sched_exp_time	0.0
ontime	7626.0751475692
ontime0	3007.6813654304
ontime1	3124.3570412248
ontime2	2907.2090955377
ontime3	2981.7524772733
ontime6	3221.5880716741
ontime7	7626.0751475692
l1events	1412856

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	182961	190275	181706	185000	205246	467668
rejected events	22779	22609	24071	23643	24220	58069
rejected %	12%	11%	13%	12%	11%	12%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	88316	92592	87582	90269	98866	72883
	48%	48%	48%	48%	48%	15%
grade 1 events	439	462	464	501	494	175
	0%	0%	0%	0%	0%	0%
grade 2 events	28494	29615	27774	28237	31420	124906
	15%	15%	15%	15%	15%	26%
grade 3 events	10192	10487	10072	10186	11064	30234
	5%	5%	5%	5%	5%	6%
grade 4 events	10134	10692	9929	10098	11210	29676
	5%	5%	5%	5%	5%	6%
grade 5 events	1576	1599	1449	1599	1803	7804
	0%	0%	0%	0%	0%	1%
grade 6 events	23046	24280	22278	22567	28466	151900
	12%	12%	12%	12%	13%	32%
grade 7 events	20764	20548	22158	21543	21923	50090
	11%	10%	12%	11%	10%	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	90.0153738710622	Alternating exposures requested	N	N
Pointing Dec	0	29.97466471615974	Primary exposure time	3.2	3.2
Pointing Roll	0.0	264.9476027636904			
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	129756832.58479	129756831.81632			
Observation start date	2002-02-10T19:33:53	2002-02-10T19:33:51			
Observation end time	129789692.036117	129789691.26765			
Observation end date	2002-02-11T04:41:32	2002-02-11T04:41:31			
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)	2006.09.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.62496349

A.2 Comments

The ACIS focal plane temperature was above calibration limits for the last 3 ksec of the observation.