

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61603 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Nov 25 2006

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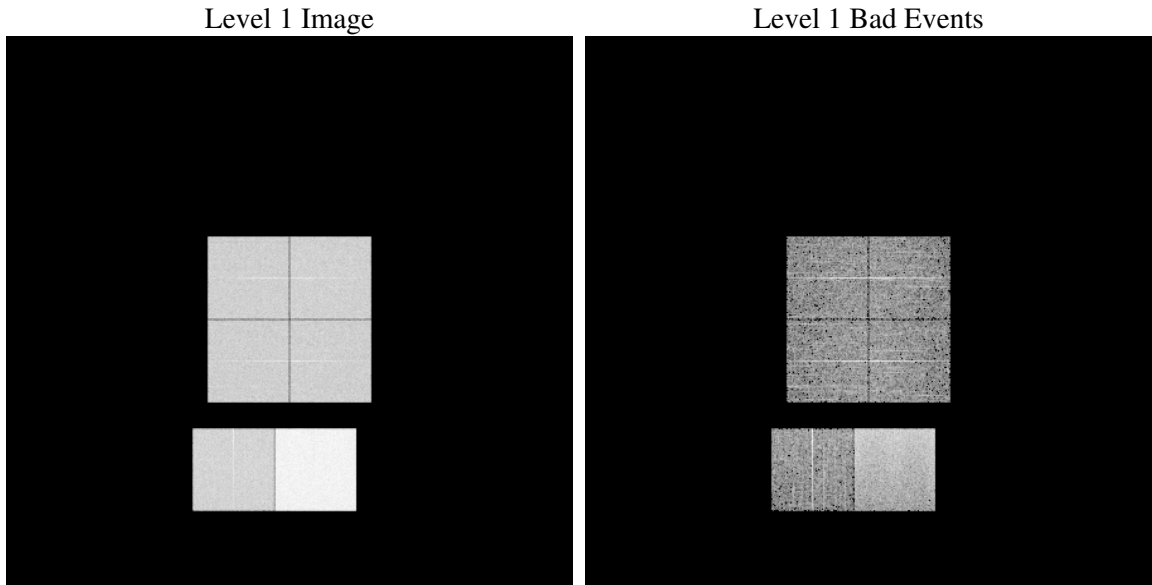
1 Front

seq_num	
obs_id	61603
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	190.00951307609
dec_nom	-19.027224168086
roll_nom	255.5494154573
revision	2
ontime	7073.7871477008
livetime	6984.2145955133
ontime0	2831.3382201642
ontime1	2897.5758529902
ontime2	2732.3242421895
ontime3	2761.3297009766
ontime6	3024.057665512
ontime7	7073.7871477008
l2events	1315389

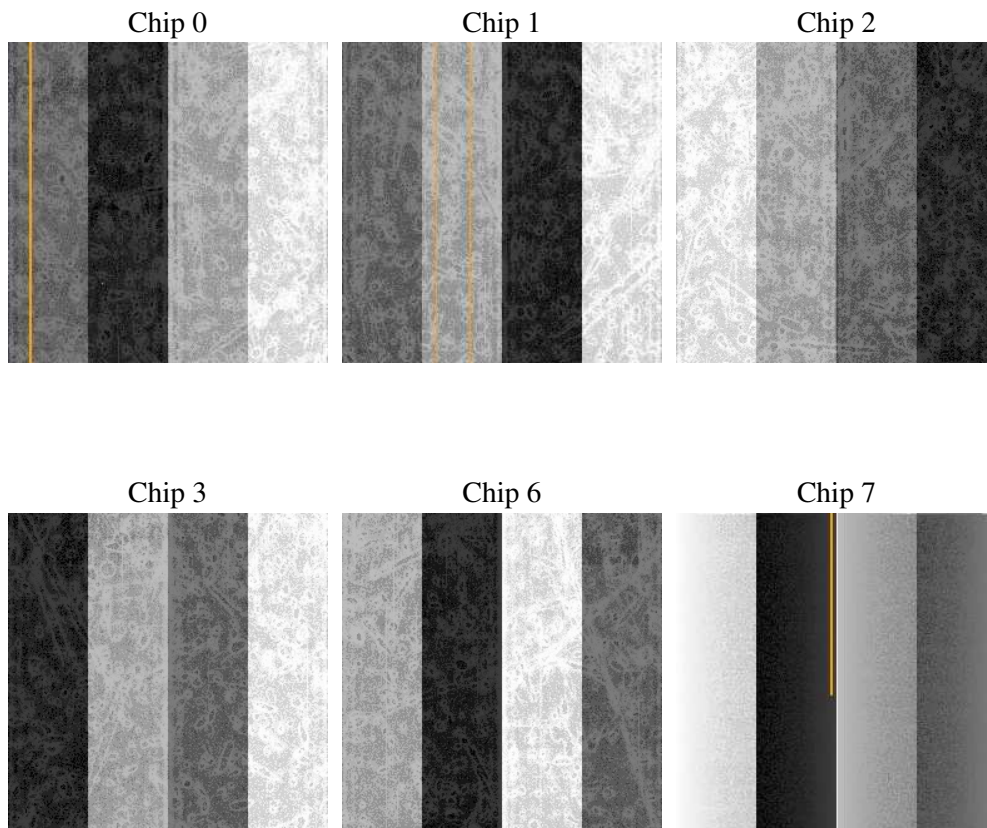
2 OBI

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	2006-11-25T09:03:00
revision	2

sched_exp_time	0.0
ontime	7146.4172514826
ontime0	2861.8354019821
ontime1	2926.6559028625
ontime2	2761.3632520586
ontime3	2793.7739108354
ontime6	3056.2966753691
ontime7	7146.4172514826
l1events	1548546

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	202606	208165	200267	201944	226553	509011
rejected events	22607	23201	23796	24290	25660	58298
rejected %	11%	11%	11%	12%	11%	11%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	100400	102846	99188	100375	111151	84419
	49%	49%	49%	49%	49%	16%
grade 1 events	494	529	468	554	548	184
	0%	0%	0%	0%	0%	0%
grade 2 events	32146	33167	31392	31435	35147	137235
	15%	15%	15%	15%	15%	26%
grade 3 events	11542	11774	11382	11432	12382	34277
	5%	5%	5%	5%	5%	6%
grade 4 events	11476	11914	11282	11487	12422	33575
	5%	5%	5%	5%	5%	6%
grade 5 events	1650	1617	1522	1605	1777	7573
	0%	0%	0%	0%	0%	1%
grade 6 events	26366	27152	25117	25090	32019	165744
	13%	13%	12%	12%	14%	32%
grade 7 events	18532	19166	19916	19966	21107	46004
	9%	9%	9%	9%	9%	9%

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	190.0095130760913	Alternating exposures requested	N	N
Pointing Dec	0	-19.02722416808646	Primary exposure time	3.2	3.2
Pointing Roll	0.0	255.5494154573026			
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	107860156.466248	107860155.69776			
Observation start date	2001-06-02T09:09:16	2001-06-02T09:09:15			
Observation end time	107881466.217079	107881465.44859			
Observation end date	2001-06-02T15:04:26	2001-06-02T15:04:25			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.11.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.07378714

A.2 Comments

Focal plane temperature is warmer than -118.7 C degrees during the first ~2 ksec of this observation.