

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 61809 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jun 22 2007

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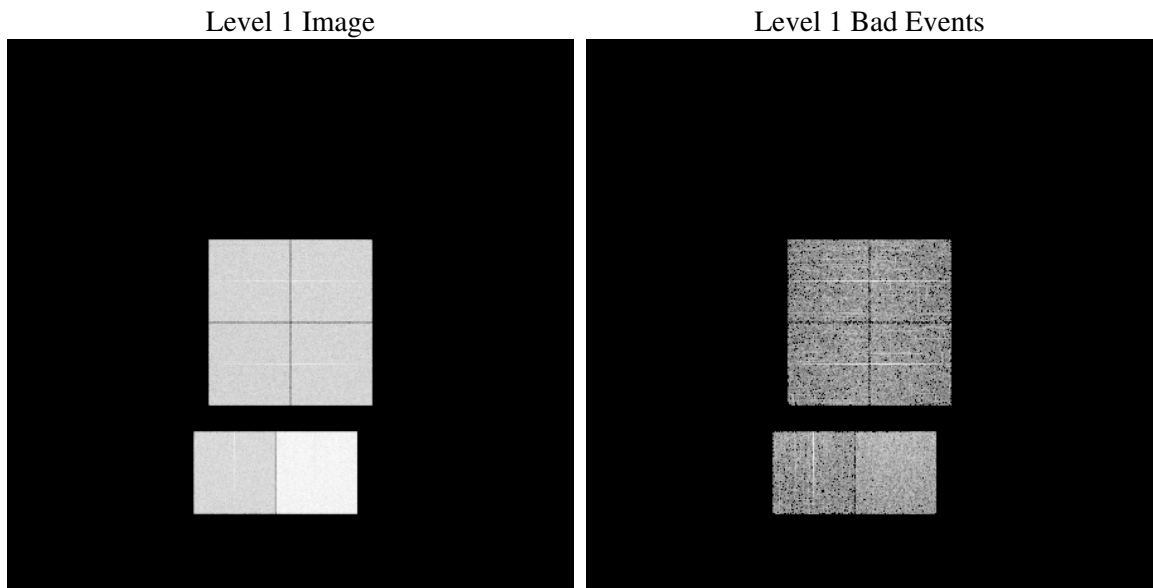
1 Front

seq_num	
obs_id	61809
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	316.51986158879
dec_nom	61.645953502058
roll_nom	319.27045353218
revision	3
ontime	5664.9840056449
livetime	5593.2505671216
ontime0	2444.546645388
ontime1	2506.1673555076
ontime2	2308.5051056296
ontime3	2415.2951755673
ontime6	2574.3111258894
ontime7	5664.9840056449
l2events	1254617

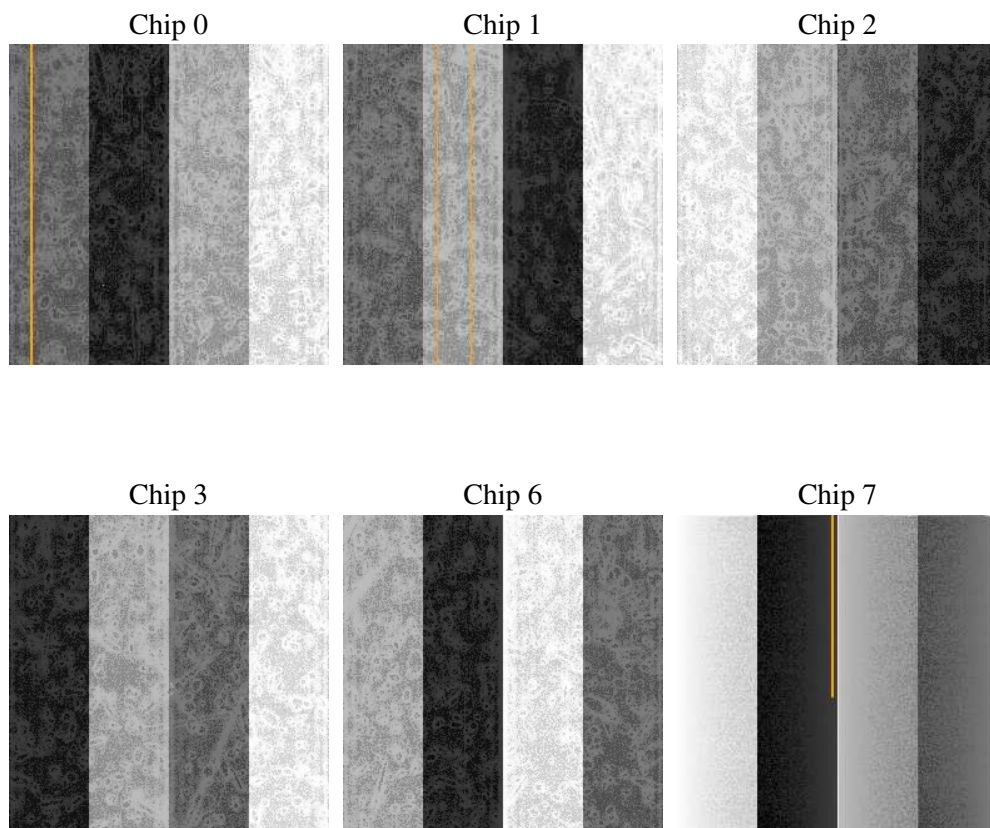
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-22T11:51:45
revision	3

sched_exp_time	0.0
ontime	5664.9840056449
ontime0	2444.546645388
ontime1	2506.1673555076
ontime2	2308.5051056296
ontime3	2415.2951755673
ontime6	2574.3111258894
ontime7	5664.9840056449
l1events	1429623

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	193689	198326	185626	193967	213502	444513
rejected events	18285	18742	18615	18820	19394	27994
rejected %	9%	9%	10%	9%	9%	6%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	96874	99326	93069	98149	106526	106864
	50%	50%	50%	50%	49%	24%
grade 1 events	446	494	446	519	519	287
	0%	0%	0%	0%	0%	0%
grade 2 events	31227	31598	29517	30717	33412	92106
	16%	15%	15%	15%	15%	20%
grade 3 events	11082	11401	10629	11260	12010	42162
	5%	5%	5%	5%	5%	9%
grade 4 events	11016	11462	10494	11050	11956	42005
	5%	5%	5%	5%	5%	9%
grade 5 events	1437	1468	1375	1438	1566	6168
	0%	0%	0%	0%	0%	1%
grade 6 events	25424	26014	23531	24219	30454	133610
	13%	13%	12%	12%	14%	30%
grade 7 events	16183	16563	16565	16615	17059	21311
	8%	8%	8%	8%	7%	4%

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	316.519861588788	Alternating exposures requested	N	N
Pointing Dec	0	61.64595350205809	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	319.2704535321795			
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	93886041.876	93886041.107821			
Observation start date	2000-12-22T15:27:22	2000-12-22T15:27:21			
Observation end time	93897745.32700001	93897744.55826899			
Observation end date	2000-12-22T18:42:25	2000-12-22T18:42:24			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.664984

A.2 Comments