

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 60979 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Oct 12 2006

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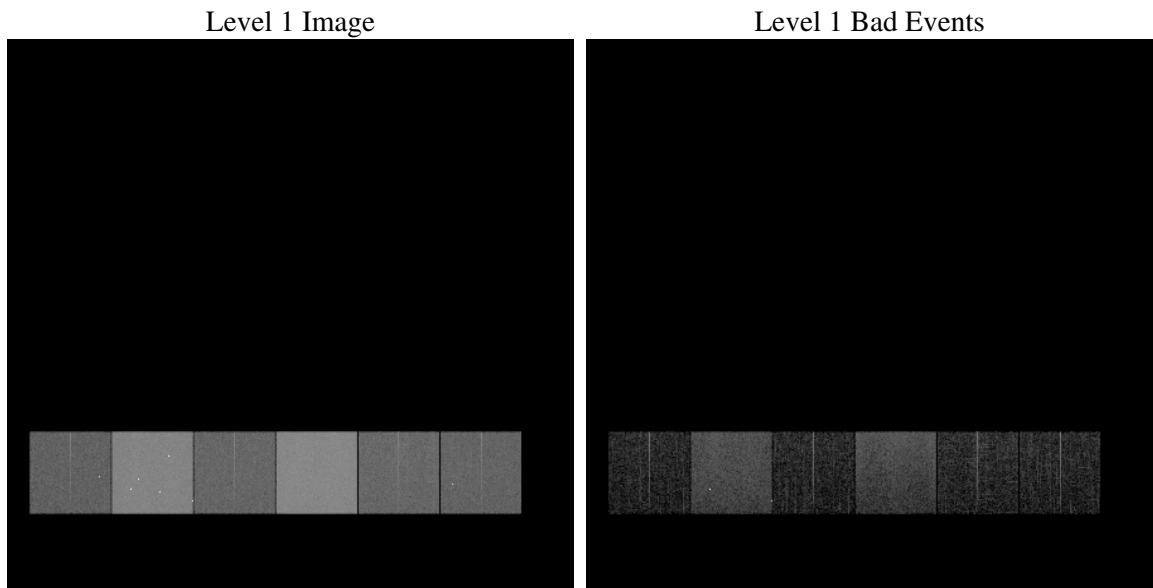
1 Front

seq_num	
obs_id	60979
title	ACIS-456789 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	110.34053559003
dec_nom	55.783320829463
roll_nom	92.571206513071
revision	2
ontime	8444.7999685407
livetime	8337.8668264909
ontime4	3022.6385318637
ontime5	8444.7999685407
ontime6	3262.4742857218
ontime7	8444.7999685407
ontime8	3355.7396458387
ontime9	3158.7617729604
l2events	1255143

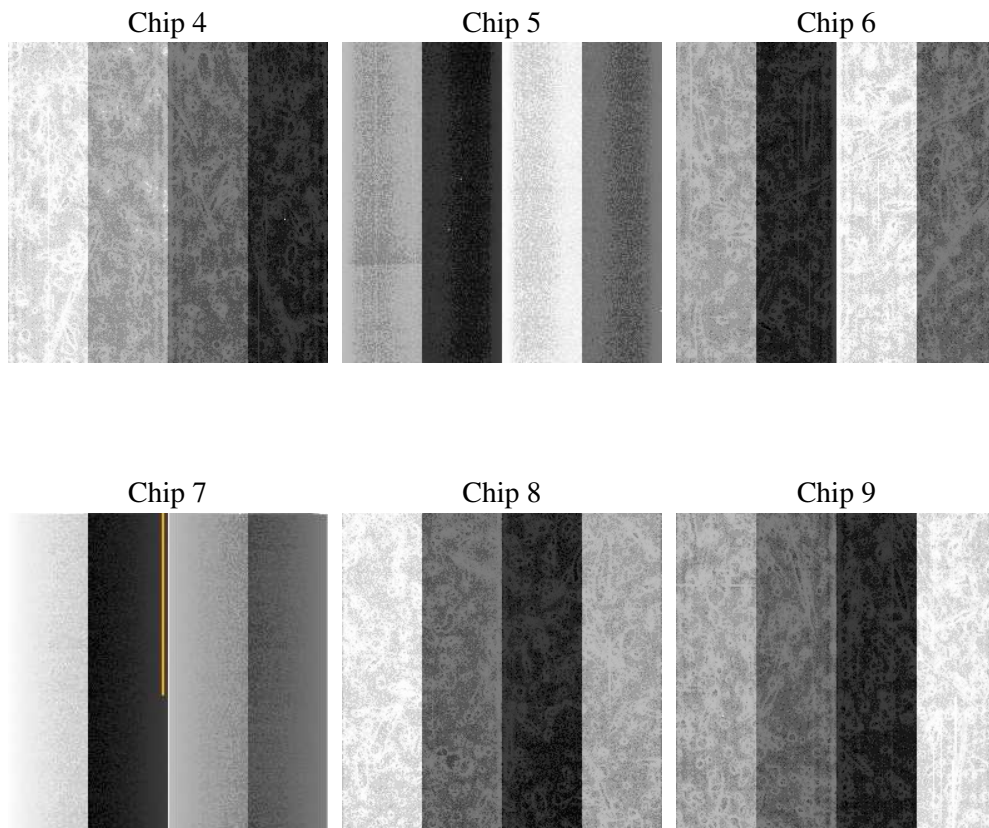
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-12T04:30:51
revision	2

sched_exp_time	0.0
ontime	8462.2534215152
ontime4	3027.1279743016
ontime5	8462.2534215152
ontime6	3273.4457882643
ontime7	8462.2534215152
ontime8	3364.1946489215
ontime9	3166.4922553897
l1events	1549624

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	156122	415260	178416	444876	186845	168105
rejected events	23253	70512	23899	60874	26736	24115
rejected %	14%	16%	13%	13%	14%	14%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	78305	42841	85024	68162	88138	80185
	50%	10%	47%	15%	47%	47%
grade 1 events	621	190	402	134	427	466
	0%	0%	0%	0%	0%	0%
grade 2 events	20548	163950	26691	117525	28188	24336
	13%	39%	14%	26%	15%	14%
grade 3 events	8855	10725	9630	28008	10252	9274
	5%	2%	5%	6%	5%	5%
grade 4 events	8796	10306	9443	27663	10332	9134
	5%	2%	5%	6%	5%	5%
grade 5 events	1418	8671	1636	7471	1894	1701
	0%	2%	0%	1%	1%	1%
grade 6 events	16646	117773	24336	143503	23687	21535
	10%	28%	13%	32%	12%	12%
grade 7 events	20933	60804	21254	52410	23927	21474
	13%	14%	11%	11%	12%	12%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-456789	ACIS-456789	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	110.3405355900271	Alternating exposures requested	N	N
Pointing Dec	0	55.78332082946324	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	92.57120651307099			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	152180799.759232	152180798.73452			
Observation start date	2002-10-28T08:26:40	2002-10-28T08:26:38			
Observation end time	152203099.660159	152203098.63545			
Observation end date	2002-10-28T14:38:20	2002-10-28T14:38:18			
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)	2006.10.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.44479996

A.2 Comments

The ACIS focal plane temperature was above calibration limits for the entire observation.