

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 60960 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Oct 9 2006

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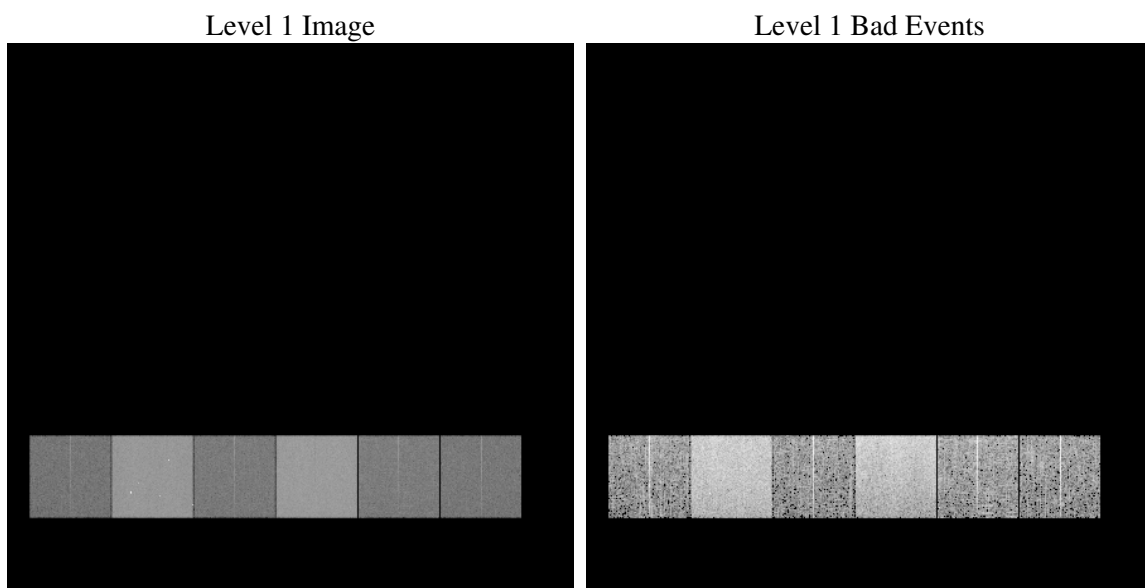
1 Front

seq_num	
obs_id	60960
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	80.992960651747
dec_nom	10.327754146908
roll_nom	71.031014470051
revision	2
ontime	7761.7371034622
livetime	7663.4533147012
ontime4	2819.3496274054
ontime5	7761.7781434655
ontime6	3098.0371705294
ontime7	7761.7371034622
ontime8	3224.518814683
ontime9	2990.9600092769
l2events	1164019

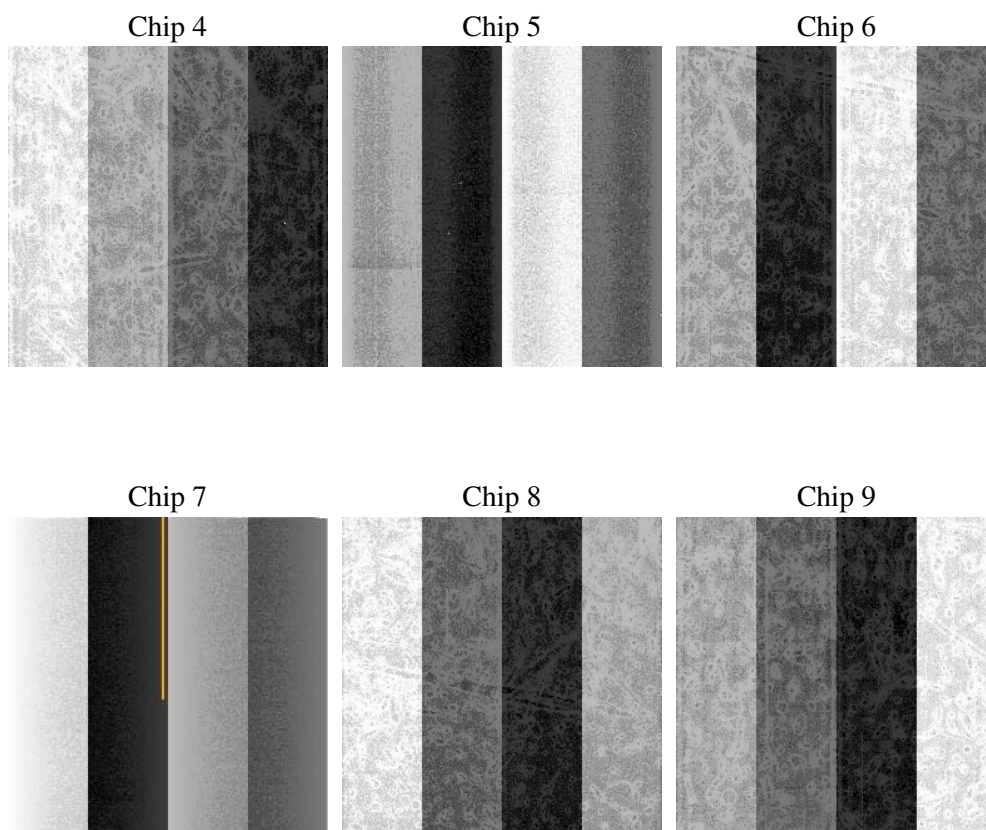
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-09T19:15:03
revision	2

sched_exp_time	0.0
ontime	7762.2121728361
ontime4	2819.7015767694
ontime5	7762.2121728361
ontime6	3098.4301598966
ontime7	7762.2121728361
ontime8	3224.8297240734
ontime9	2991.476118654
l1events	1422262

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	144564	372695	166766	404396	177835	156006
rejected events	22143	59413	21605	54241	25789	21913
rejected %	15%	15%	12%	13%	14%	14%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	71137	40465	78813	64162	84038	74078
	49%	10%	47%	15%	47%	47%
grade 1 events	498	188	357	145	418	431
	0%	0%	0%	0%	0%	0%
grade 2 events	19426	148294	25272	105699	26568	22983
	13%	39%	15%	26%	14%	14%
grade 3 events	8237	10887	9045	26306	9703	8523
	5%	2%	5%	6%	5%	5%
grade 4 events	8086	10639	9176	25812	9663	8419
	5%	2%	5%	6%	5%	5%
grade 5 events	1450	6629	1622	7181	1851	1625
	1%	1%	0%	1%	1%	1%
grade 6 events	15535	102997	22855	128176	22074	20090
	10%	27%	13%	31%	12%	12%
grade 7 events	20195	52596	19626	46915	23520	19857
	13%	14%	11%	11%	13%	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	80.99296065174677	Alternating exposures requested	N	N
Pointing Dec	0	10.32775414690791	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	71.03101447005069			
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	153749285.574468	153749284.54975			
Observation start date	2002-11-15T12:08:06	2002-11-15T12:08:04			
Observation end time	153761292.424968	153761291.40025			
Observation end date	2002-11-15T15:28:12	2002-11-15T15:28:11			
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)	2006.10.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7617371

A.2 Comments