

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61206 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Sep 16 2006

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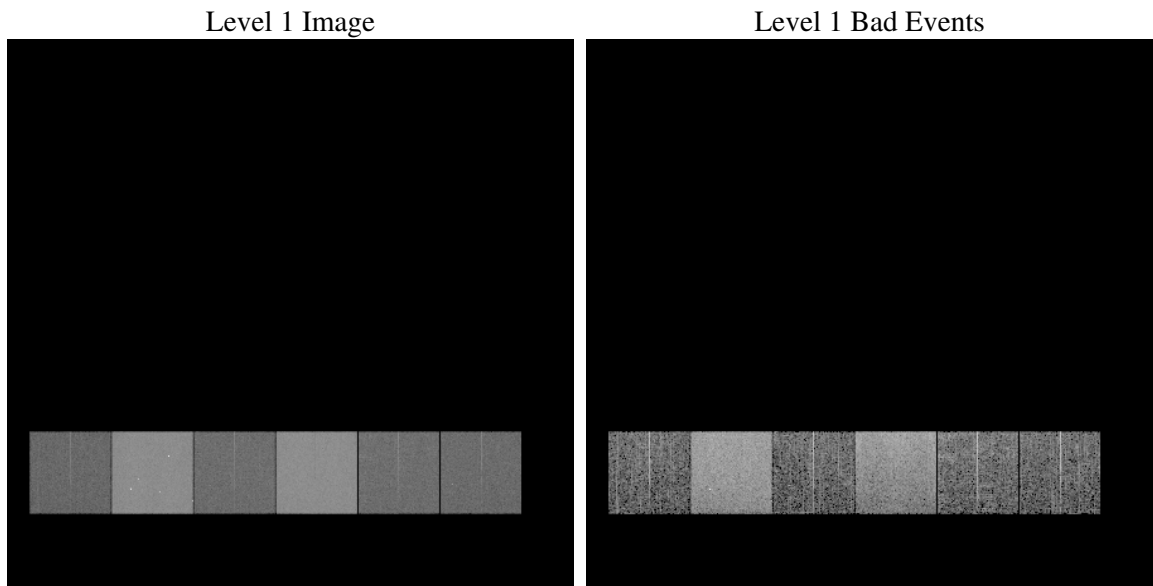
1 Front

seq_num	
obs_id	61206
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	244.97244135736
dec_nom	-4.9919464035458
roll_nom	130.86282525399
revision	2
ontime	7527.6077910364
livetime	7432.288688605
ontime4	2763.9570011199
ontime5	8068.8483169675
ontime6	3039.4039220512
ontime7	7527.6077910364
ontime8	3049.2089824677
ontime9	2957.8170776367
l2events	1296339

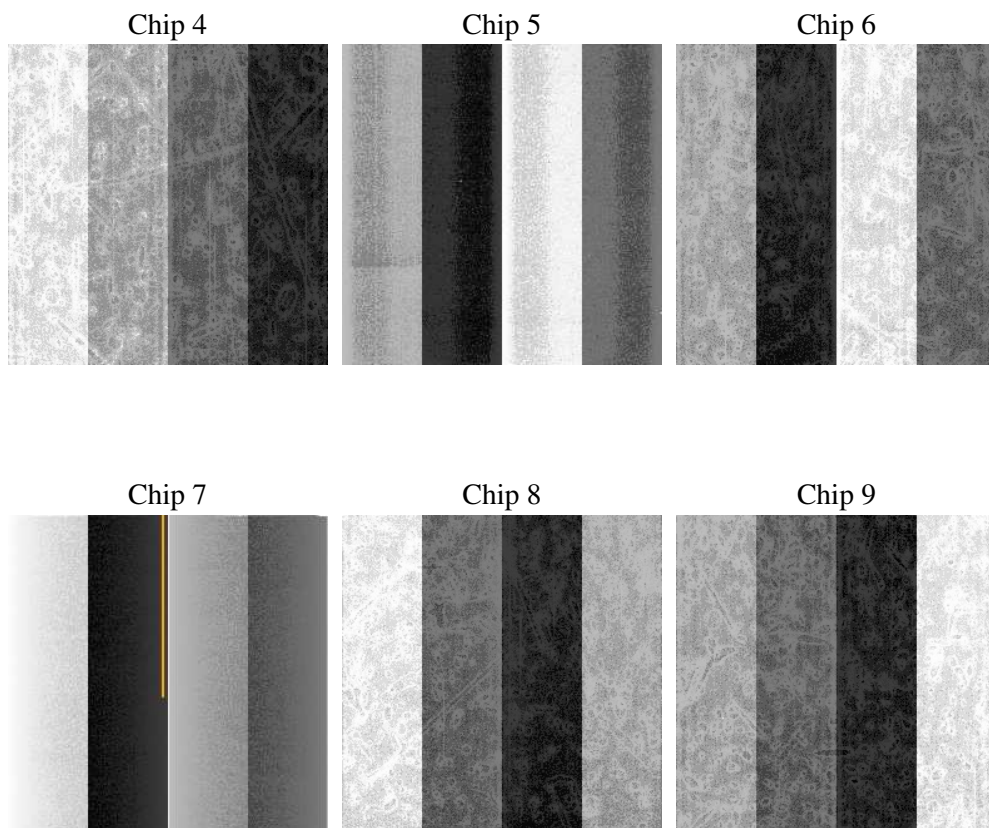
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-09-16T10:22:58
revision	2

sched_exp_time	0.0
ontime	7541.8211571276
ontime4	2767.8453525603
ontime5	8083.0616930425
ontime6	3046.5743534863
ontime7	7541.8211571276
ontime8	3056.297333926
ontime9	2962.3074432909
l1events	1567353

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	157684	429184	183123	436841	187962	172559
rejected events	22272	66145	22005	53903	25613	21829
rejected %	14%	15%	12%	12%	13%	12%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	76582	44806	88159	70573	89751	82969
	48%	10%	48%	16%	47%	48%
grade 1 events	408	149	409	172	406	421
	0%	0%	0%	0%	0%	0%
grade 2 events	23942	174813	28026	115902	28621	26425
	15%	40%	15%	26%	15%	15%
grade 3 events	8371	11990	9995	28477	10402	9450
	5%	2%	5%	6%	5%	5%
grade 4 events	8335	11775	9839	28008	10375	9279
	5%	2%	5%	6%	5%	5%
grade 5 events	1324	7321	1613	7235	1827	1568
	0%	1%	0%	1%	0%	0%
grade 6 events	18340	120257	25487	140637	23873	22758
	11%	28%	13%	32%	12%	13%
grade 7 events	20382	58073	19595	45837	22707	19689
	12%	13%	10%	10%	12%	11%

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	244.9724413573563	Alternating exposures requested	N	N
Pointing Dec	0	-4.99194640354581	Primary exposure time	3.2	3.2
Pointing Roll	0.0	130.8628252539933			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-190.132523	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	137558755.957503	137558754.9328			
Observation start date	2002-05-12T02:45:56	2002-05-12T02:45:54			
Observation end time	137581402.308426	137581401.28372			
Observation end date	2002-05-12T09:03:22	2002-05-12T09:03:21			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.52760779

A.2 Comments