

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 60146 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Apr 29 2006

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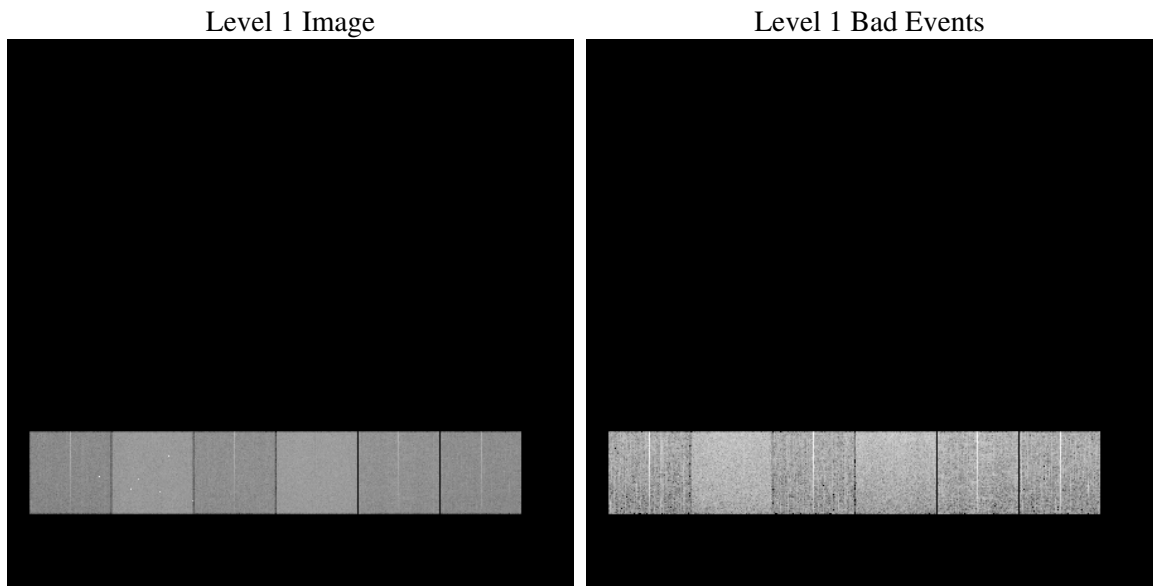
1 Front

seq_num	
obs_id	60146
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	356.97107428546
dec_nom	8.0160730634971
roll_nom	116.0926607158
revision	2
ontime	7798.3999709487
livetime	7699.6519348838
ontime4	4926.9013802409
ontime5	7798.3999709487
ontime6	5432.4931699336
ontime7	7798.3999709487
ontime8	5678.8069603443
ontime9	5276.926576674
l2events	1055845

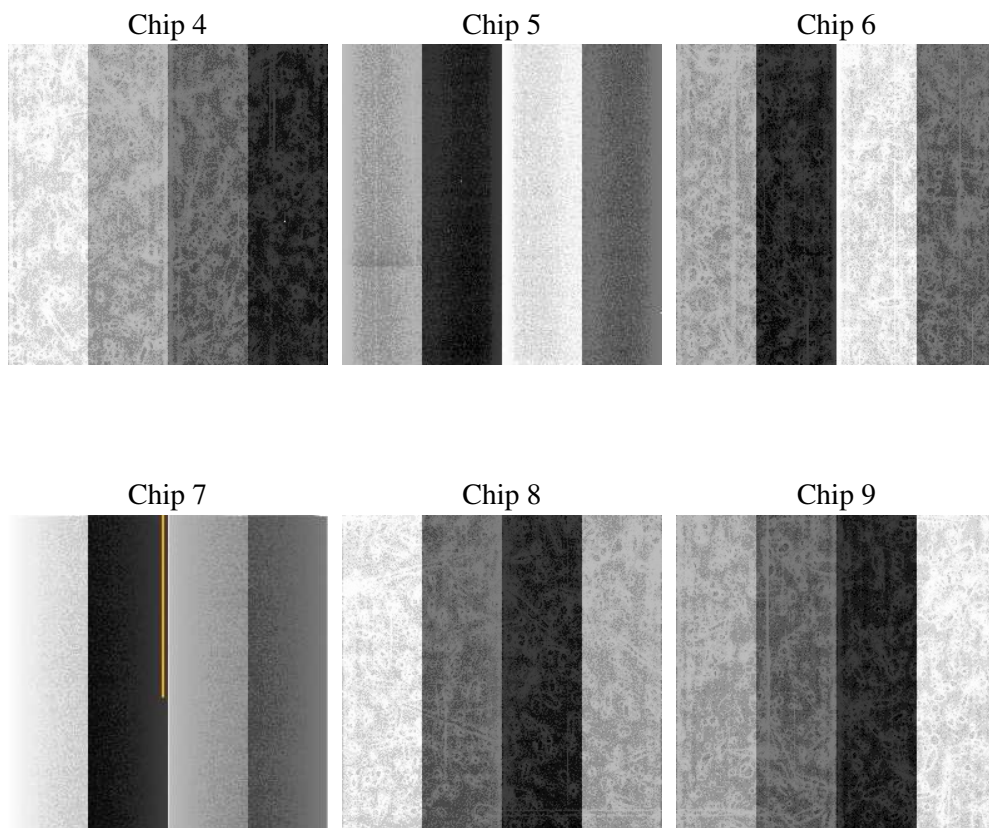
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.1
date	2006-04-29T22:07:23
revision	2

sched_exp_time	0.0
ontime	7801.0906257927
ontime4	4929.592035085
ontime5	7801.0906257927
ontime6	5435.1838247776
ontime7	7801.0906257927
ontime8	5681.4976151884
ontime9	5279.617231518
l1events	1414181

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	183615	285885	212148	304335	228919	199279
rejected events	41884	61839	43444	57109	48640	42986
rejected %	22%	21%	20%	18%	21%	21%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	82237	28626	91746	44509	98225	86104
	44%	10%	43%	14%	42%	43%
grade 1 events	690	134	518	111	492	526
	0%	0%	0%	0%	0%	0%
grade 2 events	22687	102630	29360	73291	31494	26774
	12%	35%	13%	24%	13%	13%
grade 3 events	9437	7676	10524	18396	11898	10112
	5%	2%	4%	6%	5%	5%
grade 4 events	9438	7404	10652	18179	11717	10059
	5%	2%	5%	5%	5%	5%
grade 5 events	2371	6400	2852	7126	3316	2832
	1%	2%	1%	2%	1%	1%
grade 6 events	18033	77788	26509	92960	27041	23337
	9%	27%	12%	30%	11%	11%
grade 7 events	38722	55227	39987	49763	44736	39535
	21%	19%	18%	16%	19%	19%

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	356.9710742854615	Alternating exposures requested	N	N
Pointing Dec	0	8.01607306349711	Primary exposure time	3.2	3.2
Pointing Roll	0.0	116.0926607158016			
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	205610150.902298	205610149.87729			
Observation start date	2004-07-07T17:55:51	2004-07-07T17:55:49			
Observation end time	205648196.853986	205648195.82897			
Observation end date	2004-07-08T04:29:57	2004-07-08T04:29:55			
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)	2006.04.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.79839997

A.2 Comments