

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59399 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Apr 1 2006

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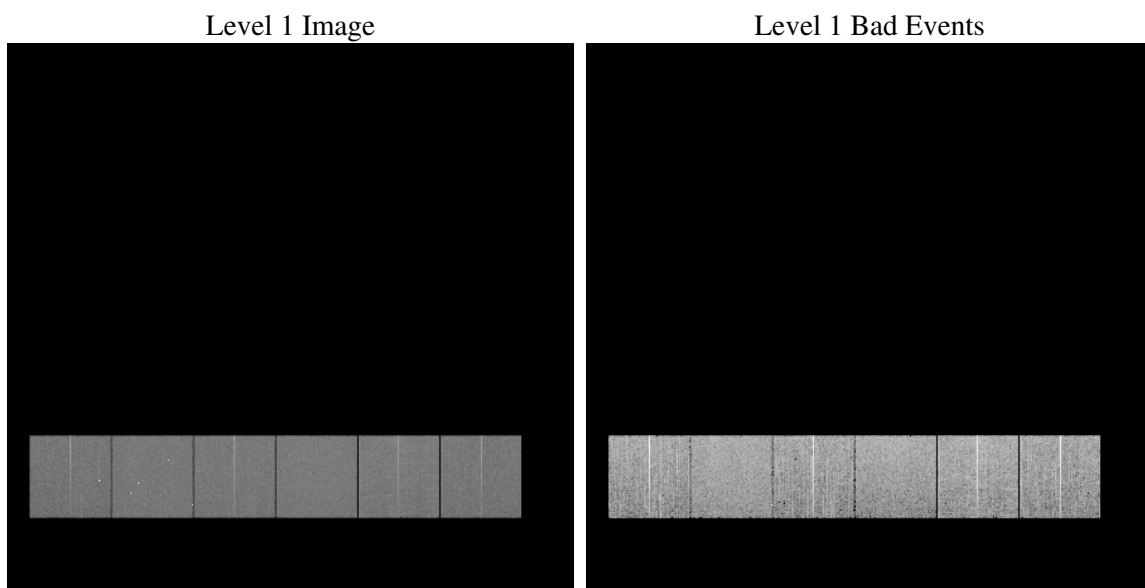
1 Front

seq_num	
obs_id	59399
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	32.510666493461
dec_nom	-16.473297222261
roll_nom	36.133793951175
revision	2
ontime	7800.293625325
livetime	7701.5216106682
ontime4	7434.1861717999
ontime5	7800.3346653283
ontime6	7780.9298135638
ontime7	7800.293625325
ontime8	7800.4577853084
ontime9	7667.3724731207
l2events	982194

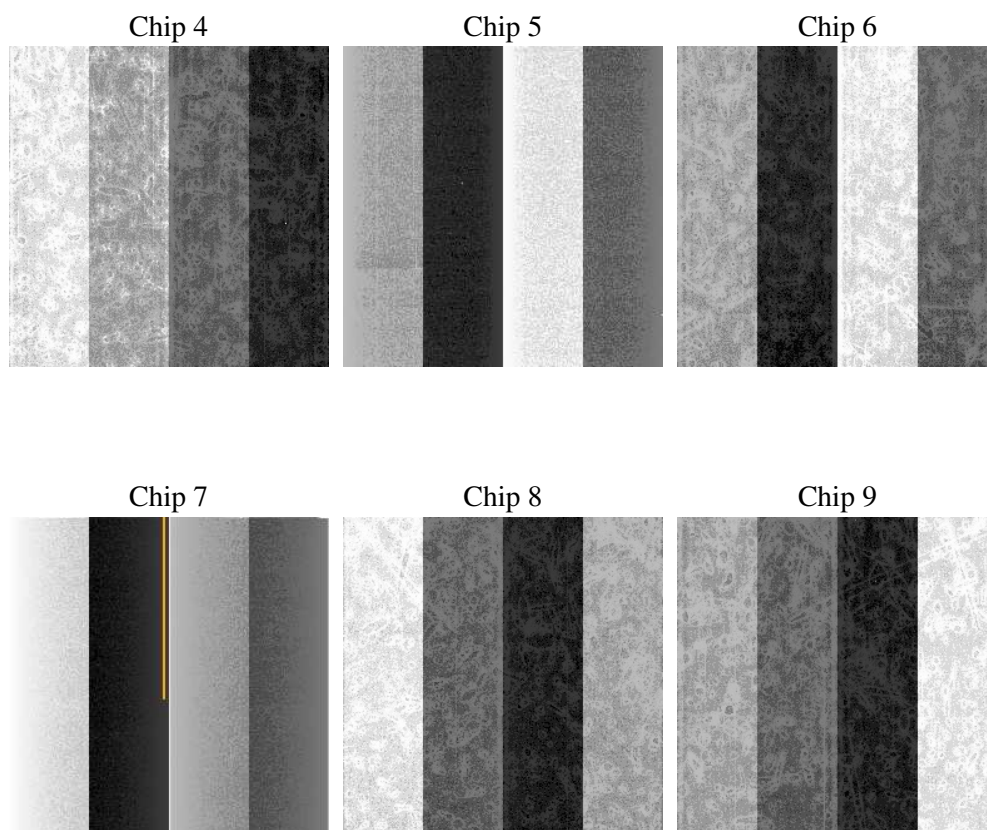
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-01T06:20:52
revision	2

sched_exp_time	0.0
ontime	7801.104238987
ontime4	7434.873665452
ontime5	7801.104238987
ontime6	7781.6583472192
ontime7	7801.104238987
ontime8	7801.104238987
ontime9	7668.224126786
l1events	1397775

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	216725	232406	234217	242320	247955	224152
rejected events	57813	58108	56254	55391	63274	56148
rejected %	26%	25%	24%	22%	25%	25%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	92388	20587	95886	31292	99033	92104
	42%	8%	40%	12%	39%	41%
grade 1 events	693	168	467	95	541	569
	0%	0%	0%	0%	0%	0%
grade 2 events	24958	79285	31001	55689	33026	28950
	11%	34%	13%	22%	13%	12%
grade 3 events	10631	5579	11304	13472	12078	10868
	4%	2%	4%	5%	4%	4%
grade 4 events	10548	5355	11155	13465	12102	10844
	4%	2%	4%	5%	4%	4%
grade 5 events	3130	5659	3616	6574	4429	3804
	1%	2%	1%	2%	1%	1%
grade 6 events	20387	63492	28617	73011	28442	25238
	9%	27%	12%	30%	11%	11%
grade 7 events	53990	52281	52171	48722	58304	51775
	24%	22%	22%	20%	23%	23%

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	32.51066649346081	Alternating exposures requested	N	N
Pointing Dec	0	-16.47329722226121	Primary exposure time	3.2	3.2
Pointing Roll	0.0	36.13379395117533			
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	245357016.400382	245357015.37538			
Observation start date	2005-10-10T18:43:36	2005-10-10T18:43:35			
Observation end time	245377340.101318	245377339.07632			
Observation end date	2005-10-11T00:22:20	2005-10-11T00:22:19			
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)	2006.04.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.80029362

A.2 Comments