

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59370 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Apr 2 2006

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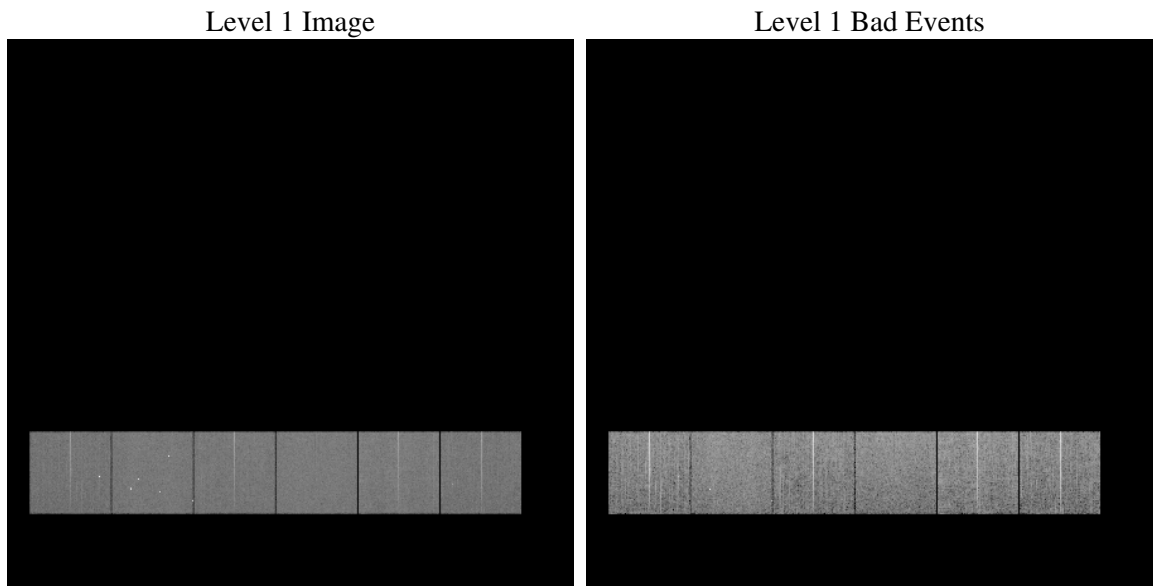
1 Front

seq_num	
obs_id	59370
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	59.891500062194
dec_nom	4.327318440405
roll_nom	74.297919630355
revision	2
ontime	8185.5999695063
livetime	8081.9489739158
ontime4	7449.89704144
ontime5	8185.5999695063
ontime6	8052.7197170556
ontime7	8185.5999695063
ontime8	8185.5999695063
ontime9	7842.0558083057
l2events	1003174

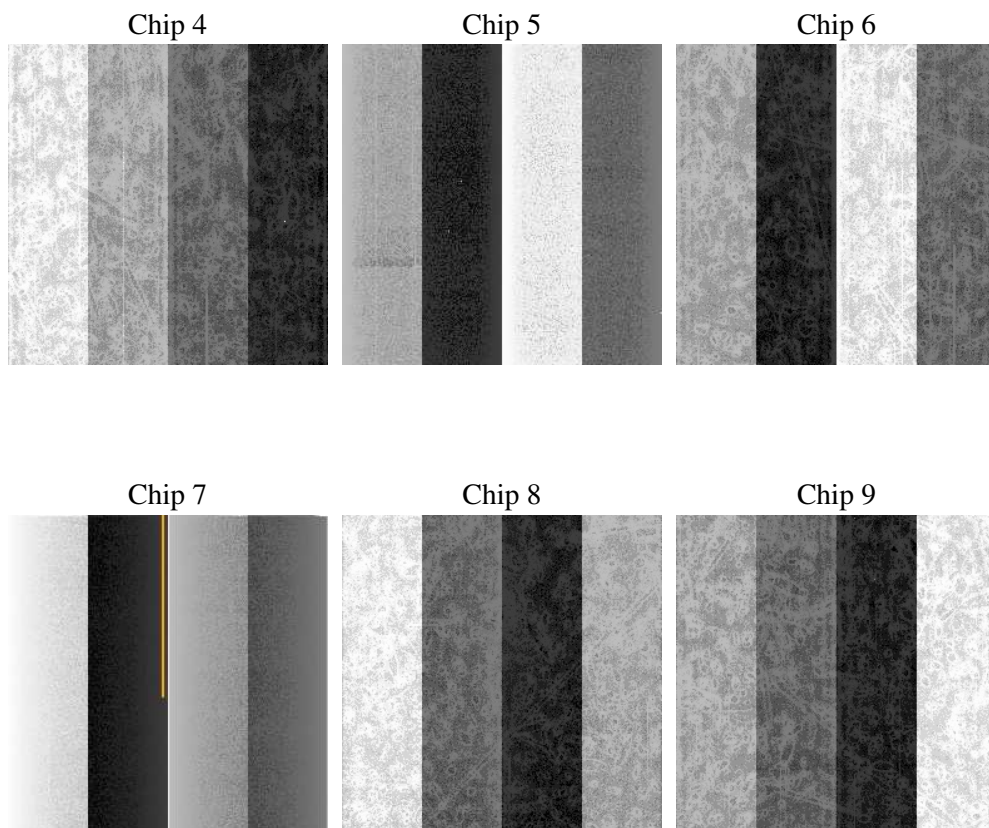
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-03T00:29:09
revision	2

sched_exp_time	0.0
ontime	8277.5395012796
ontime4	7522.3906714022
ontime5	8277.5395012796
ontime6	8144.6592488289
ontime7	8277.5395012796
ontime8	8277.5395012796
ontime9	7924.2723991573
l1events	1481222

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	222994	252382	246823	258897	265703	234423
rejected events	66355	68451	66319	65912	73636	64228
rejected %	29%	27%	26%	25%	27%	27%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	92667	22398	98397	30166	104070	94543
	41%	8%	39%	11%	39%	40%
grade 1 events	751	152	479	94	544	538
	0%	0%	0%	0%	0%	0%
grade 2 events	24110	83783	32188	60370	34682	29276
	10%	33%	13%	23%	13%	12%
grade 3 events	10446	5317	11464	13015	12768	11009
	4%	2%	4%	5%	4%	4%
grade 4 events	10625	5011	11266	12996	12633	11146
	4%	1%	4%	5%	4%	4%
grade 5 events	3538	6191	3934	6947	4907	4033
	1%	2%	1%	2%	1%	1%
grade 6 events	20319	69376	29240	78602	30086	25978
	9%	27%	11%	30%	11%	11%
grade 7 events	60538	60154	59855	56707	66013	57900
	27%	23%	24%	21%	24%	24%

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	59.89150006219381	Alternating exposures requested	N	N
Pointing Dec	0	4.32731844040496	Primary exposure time	3.2	3.2
Pointing Roll	0.0	74.29791963035467			
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	246542115.304977	246542114.27997			
Observation start date	2005-10-24T11:55:15	2005-10-24T11:55:14			
Observation end time	246564872.356026	246564871.33102			
Observation end date	2005-10-24T18:14:32	2005-10-24T18:14:31			
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)	2006.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.18559996

A.2 Comments