

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59390 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Apr 1 2006

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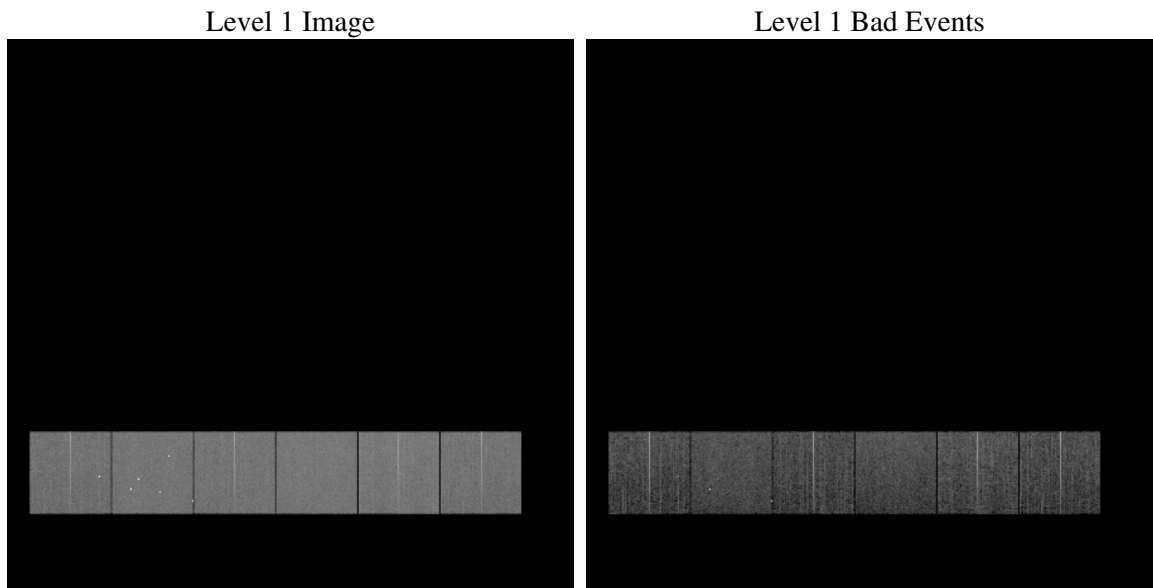
1 Front

seq_num	
obs_id	59390
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	15.972632575928
dec_nom	36.181817971073
roll_nom	186.53046190726
revision	2
ontime	8166.3999695778
livetime	8062.9920959473
ontime4	7514.4024893641
ontime5	8166.3999695778
ontime6	8023.7968660891
ontime7	8166.3999695778
ontime8	8124.2672355771
ontime9	7754.7952523232
l2events	1013788

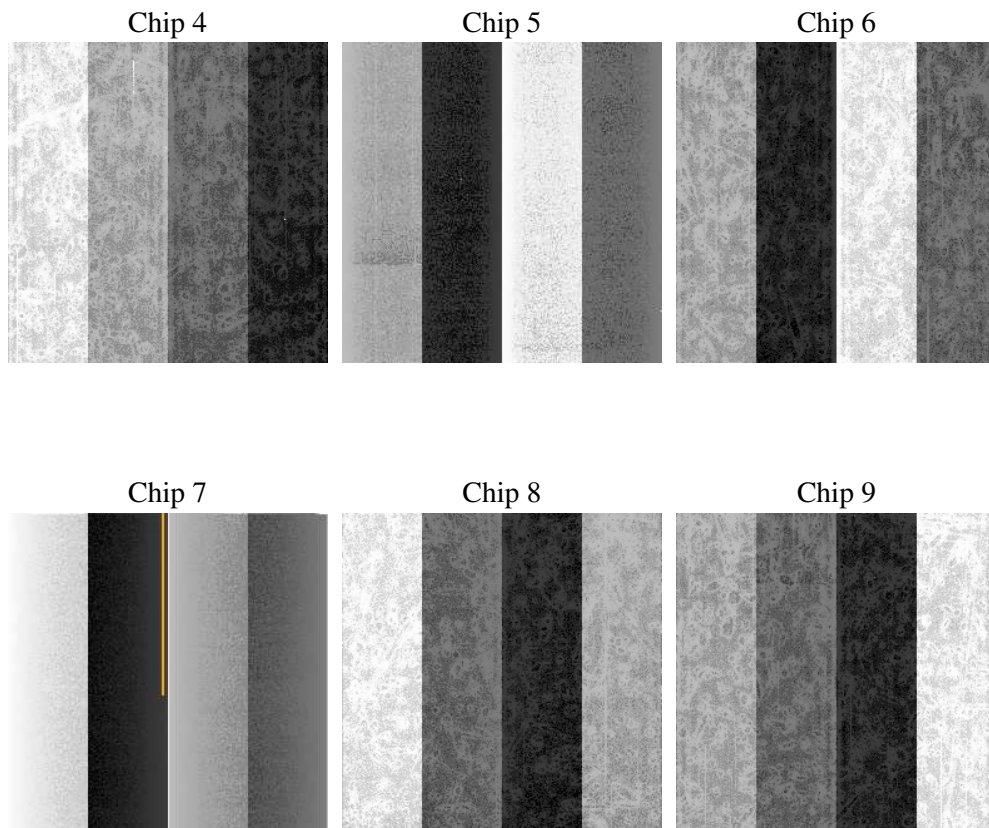
2 OBI

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	2006-04-01T06:46:50
revision	2

sched_exp_time	0.0
ontime	8280.7783611119
ontime4	7609.8955881596
ontime5	8280.7783611119
ontime6	8138.1752576232
ontime7	8280.7783611119
ontime8	8238.6456271112
ontime9	7869.1736438572
l1events	1484103

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	224537	257884	245100	258381	264979	233222
rejected events	63249	69505	62433	64244	72025	62164
rejected %	28%	26%	25%	24%	27%	26%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	95224	25311	100164	31776	104914	95075
	42%	9%	40%	12%	39%	40%
grade 1 events	750	302	500	106	556	584
	0%	0%	0%	0%	0%	0%
grade 2 events	25188	85046	32275	59969	34569	29803
	11%	32%	13%	23%	13%	12%
grade 3 events	10953	5710	11478	13430	12924	11126
	4%	2%	4%	5%	4%	4%
grade 4 events	10947	5533	11501	13517	12940	11286
	4%	2%	4%	5%	4%	4%
grade 5 events	3364	6581	3821	6982	4691	4054
	1%	2%	1%	2%	1%	1%
grade 6 events	20977	69413	29794	78259	30195	26354
	9%	26%	12%	30%	11%	11%
grade 7 events	57134	59988	55567	54342	64190	54940
	25%	23%	22%	21%	24%	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	15.97263257592845	Alternating exposures requested	N	N
Pointing Dec	0	36.1818179710735	Primary exposure time	3.2	3.2
Pointing Roll	0.0	186.5304619072646			
SIM focus pos (mm)	-0.684267	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	245631886.563045	245631885.53803			
Observation start date	2005-10-13T23:04:47	2005-10-13T23:04:45			
Observation end time	245653196.314027	245653195.28902			
Observation end date	2005-10-14T04:59:56	2005-10-14T04:59:55			
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	8.16639996

A.2 Comments