

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59602 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Mar 12 2006

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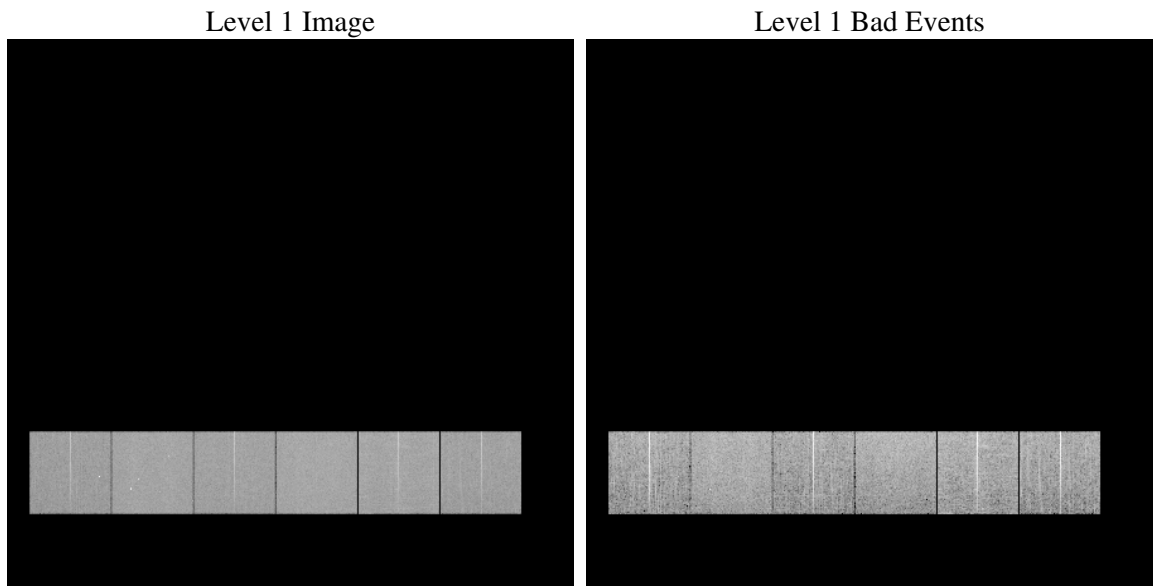
1 Front

seq_num	
obs_id	59602
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	318.97742078301
dec_nom	-17.481203631196
roll_nom	106.00852025608
revision	2
ontime	8227.1999693513
livetime	8123.0222095143
ontime4	7031.2792291939
ontime5	8227.1999693513
ontime6	7566.0404286683
ontime7	8227.1999693513
ontime8	7872.082352519
ontime9	7413.7145940065
l2events	1050429

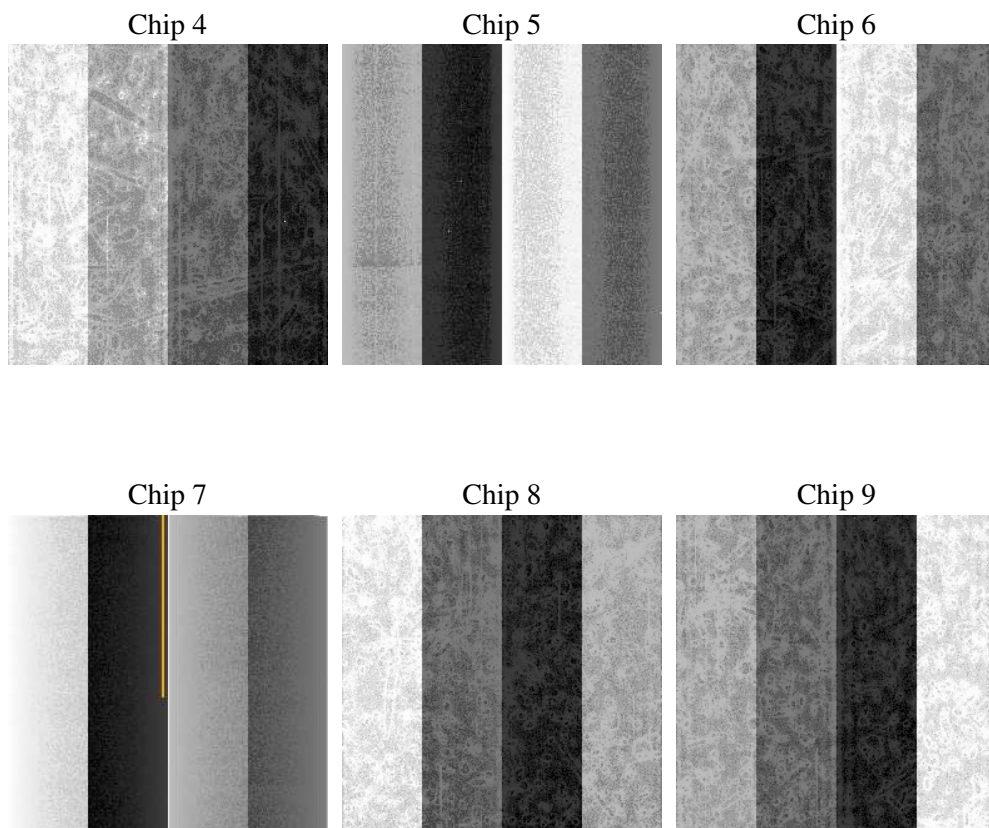
2 OBI

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	2006-03-12T05:24:55
revision	2

sched_exp_time	0.0
ontime	8284.0164682865
ontime4	7081.6137774587
ontime5	8284.0164682865
ontime6	7616.3749272227
ontime7	8284.0164682865
ontime8	7927.5088554621
ontime9	7464.0491522551
l1events	1488553

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	218715	257015	241727	271745	265450	233901
rejected events	58706	66086	57179	63033	66557	59265
rejected %	26%	25%	23%	23%	25%	25%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	93130	19080	100699	34180	107683	97042
	42%	7%	41%	12%	40%	41%
grade 1 events	707	109	496	94	624	564
	0%	0%	0%	0%	0%	0%
grade 2 events	25546	89540	32238	64204	35369	30178
	11%	34%	13%	23%	13%	12%
grade 3 events	10912	5848	11652	14420	13296	11127
	4%	2%	4%	5%	5%	4%
grade 4 events	10572	5465	11470	14344	13009	11280
	4%	2%	4%	5%	4%	4%
grade 5 events	3270	6214	3665	7202	4489	3884
	1%	2%	1%	2%	1%	1%
grade 6 events	20935	72288	29634	82901	30902	26167
	9%	28%	12%	30%	11%	11%
grade 7 events	53643	58471	51873	54400	60078	53659
	24%	22%	21%	20%	22%	22%

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	318.9774207830126	Alternating exposures requested	N	N
Pointing Dec	0	-17.48120363119556	Primary exposure time	3.2	3.2
Pointing Roll	0.0	106.00852025608			
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	235807441.512414	235807440.48743			
Observation start date	2005-06-22T06:04:02	2005-06-22T06:04:00			
Observation end time	235829339.613413	235829338.58843			
Observation end date	2005-06-22T12:09:00	2005-06-22T12:08:58			
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)	2006.03.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.22719996

A.2 Comments