

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 60879 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Nov 2 2006

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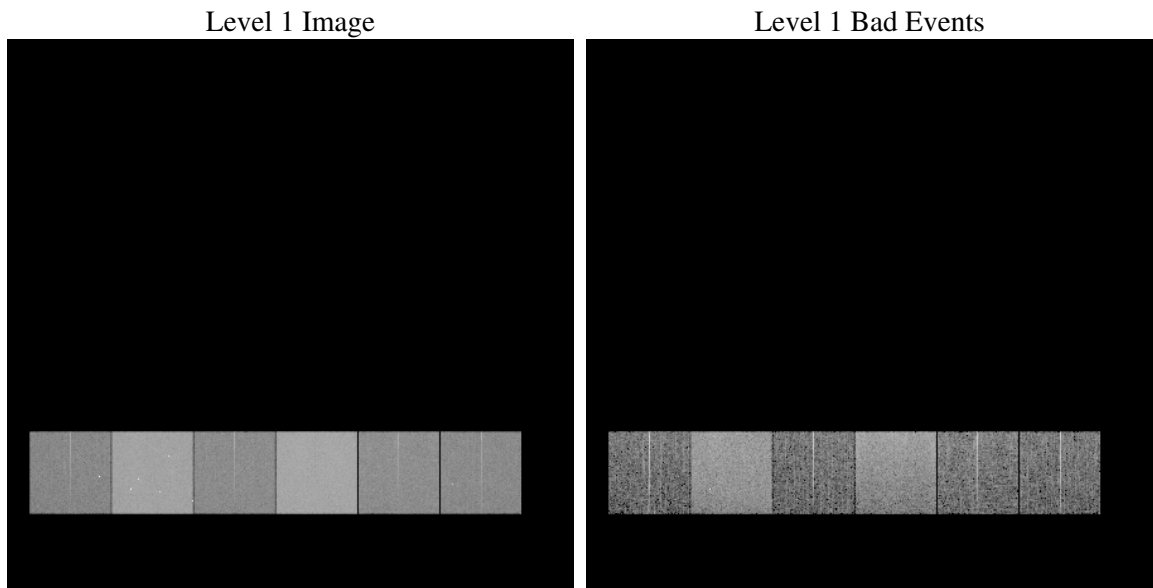
1 Front

seq_num	
obs_id	60879
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	150.05491272654
dec_nom	-64.015463010623
roll_nom	294.37701676606
revision	2
ontime	8396.7999687195
livetime	8290.4746315696
ontime4	3736.0659753084
ontime5	8396.7999687195
ontime6	4056.884795934
ontime7	8396.7999687195
ontime8	4202.8120320141
ontime9	3992.3125895858
l2events	1235533

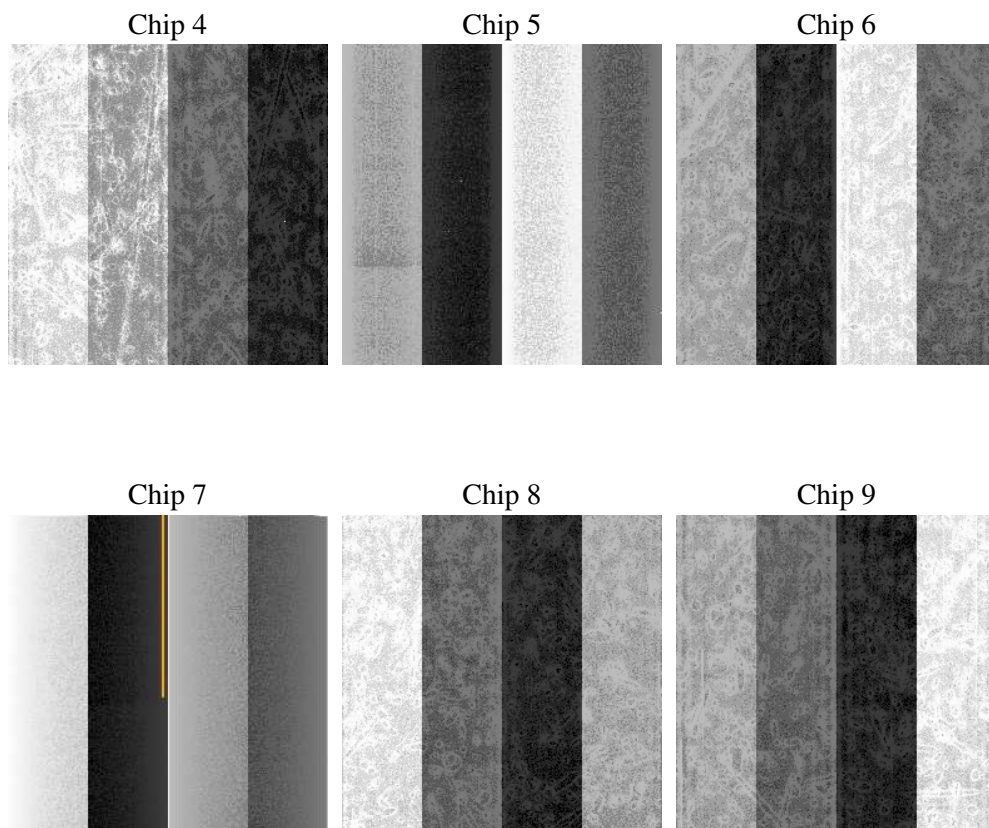
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-08-17T23:18:15
revision	2

sched_exp_time	0.0
ontime	8462.2565277219
ontime4	3762.838354677
ontime5	8462.2565277219
ontime6	4090.1801458299
ontime7	8462.2565277219
ontime8	4232.7843615711
ontime9	4022.1183162928
l1events	1540140

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	174533	369115	197656	399693	209491	189652
rejected events	28384	65429	28179	59323	32166	28967
rejected %	16%	17%	14%	14%	15%	15%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	85400	36644	93817	62474	98422	89431
	48%	9%	47%	15%	46%	47%
grade 1 events	610	122	436	158	489	484
	0%	0%	0%	0%	0%	0%
grade 2 events	23551	146359	29427	103164	30897	27922
	13%	39%	14%	25%	14%	14%
grade 3 events	9785	9869	10394	25601	11375	10307
	5%	2%	5%	6%	5%	5%
grade 4 events	9814	9747	10401	25034	11597	10180
	5%	2%	5%	6%	5%	5%
grade 5 events	1716	7059	1915	7396	2343	2049
	0%	1%	0%	1%	1%	1%
grade 6 events	18613	103343	26818	126695	26229	24076
	10%	27%	13%	31%	12%	12%
grade 7 events	25044	55972	24448	49171	28139	25203
	14%	15%	12%	12%	13%	13%

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	150.0549127265362	Alternating exposures requested	N	N
Pointing Dec	0	-64.01546301062329	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	294.377016766059			
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	167258064.541004	167258063.5163			
Observation start date	2003-04-20T20:34:25	2003-04-20T20:34:23			
Observation end time	167282650.192043	167282649.16734			
Observation end date	2003-04-21T03:24:10	2003-04-21T03:24:09			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.11.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.39679996

A.2 Comments