

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 60877 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jul 19 2006

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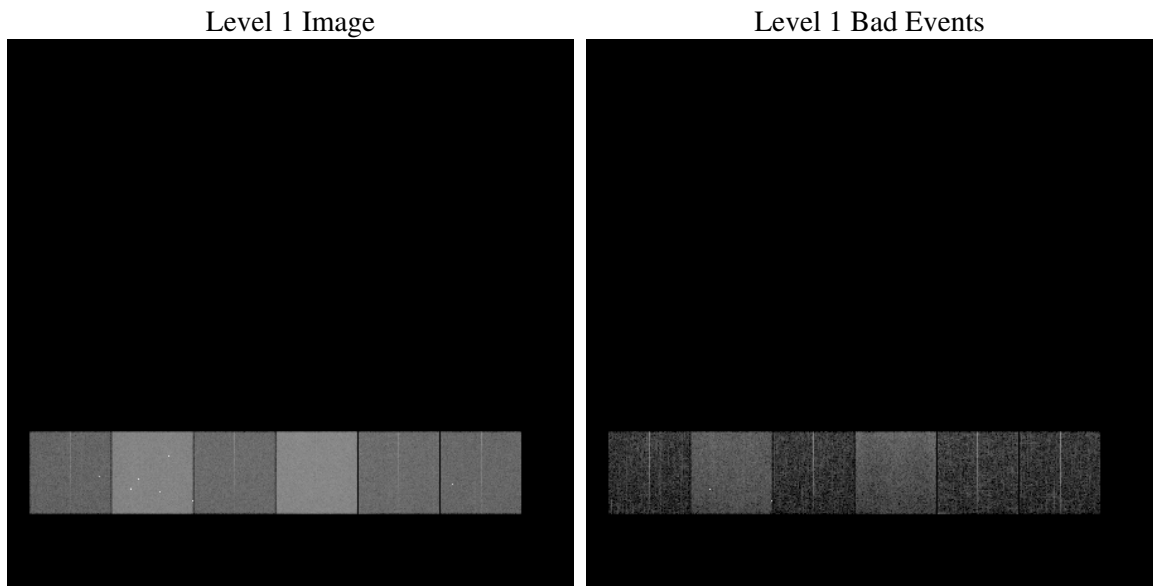
1 Front

seq_num	
obs_id	60877
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	174.99710207401
dec_nom	-3.9715436000915
roll_nom	62.923380634997
revision	2
ontime	7788.7999709845
livetime	7690.1734958996
ontime4	3014.8165460229
ontime5	7788.7999709845
ontime6	3446.2193197608
ontime7	7788.7999709845
ontime8	3439.8191411495
ontime9	3232.188436389
l2events	1147144

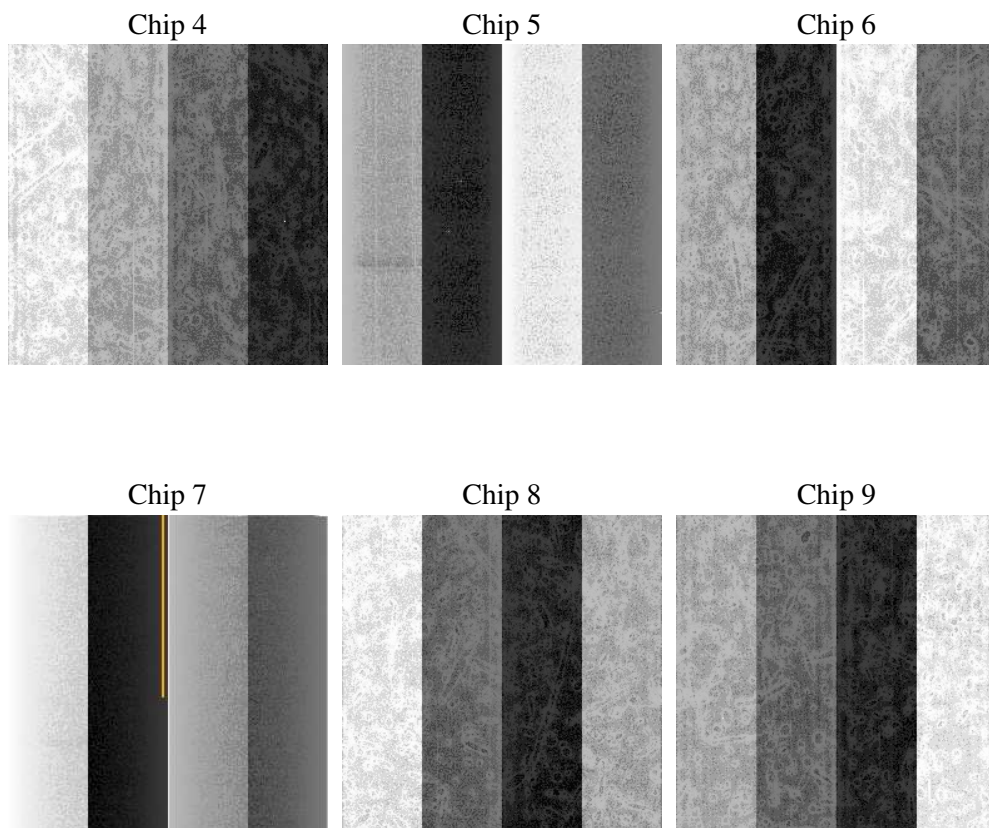
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-19T16:29:27
revision	2

sched_exp_time	0.0
ontime	7791.3878560364
ontime4	3017.4044310749
ontime5	7791.3878560364
ontime6	3448.4608287811
ontime7	7791.3878560364
ontime8	3441.9785701931
ontime9	3234.5530654192
l1events	1424646

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	147480	366507	177546	389451	180939	162723
rejected events	23567	63163	23937	54714	27411	23777
rejected %	15%	17%	13%	14%	15%	14%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	72518	39549	83877	59411	84580	77250
	49%	10%	47%	15%	46%	47%
grade 1 events	497	325	371	134	402	423
	0%	0%	0%	0%	0%	0%
grade 2 events	19461	142778	26555	101937	26662	23742
	13%	38%	14%	26%	14%	14%
grade 3 events	8217	9974	9744	24284	9720	8731
	5%	2%	5%	6%	5%	5%
grade 4 events	8279	9706	9595	24143	9774	8636
	5%	2%	5%	6%	5%	5%
grade 5 events	1518	7202	1689	7163	2003	1735
	1%	1%	0%	1%	1%	1%
grade 6 events	15586	101446	23981	125115	22941	20723
	10%	27%	13%	32%	12%	12%
grade 7 events	21404	55527	21734	47264	24857	21483
	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	174.9971020740062	Alternating exposures requested	N	N
Pointing Dec	0	-3.971543600091542	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	62.92338063499702			
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	159456498.112696	159456497.08797			
Observation start date	2003-01-20T13:28:18	2003-01-20T13:28:17			
Observation end time	159492492.014204	159492490.98948			
Observation end date	2003-01-20T23:28:12	2003-01-20T23:28:10			
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)	2006.07.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.78879997

A.2 Comments

The ACIS focal plane temperature was above calibration limits for the last ksec of the observation.