

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 60826 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jul 22 2006

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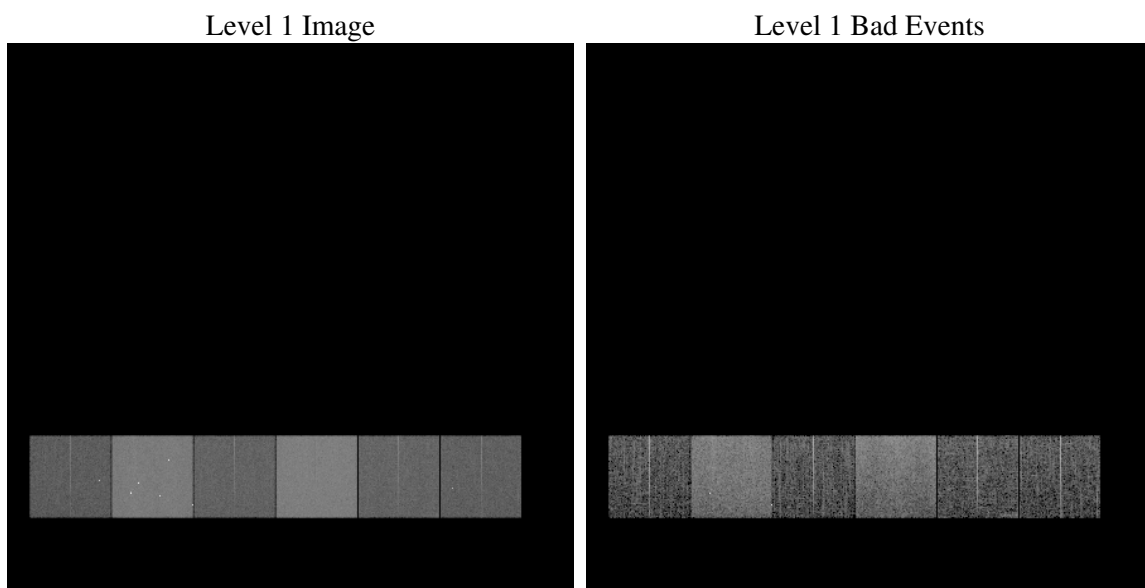
1 Front

seq_num	
obs_id	60826
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	173.01751791167
dec_nom	-16.576809870968
roll_nom	21.098198193008
revision	2
ontime	7788.7902442515
livetime	7690.1638923323
ontime4	3147.7034783065
ontime5	7788.7999709845
ontime6	3559.3848938048
ontime7	7788.7902442515
ontime8	3659.9385268092
ontime9	3355.0781067312
l2events	1135995

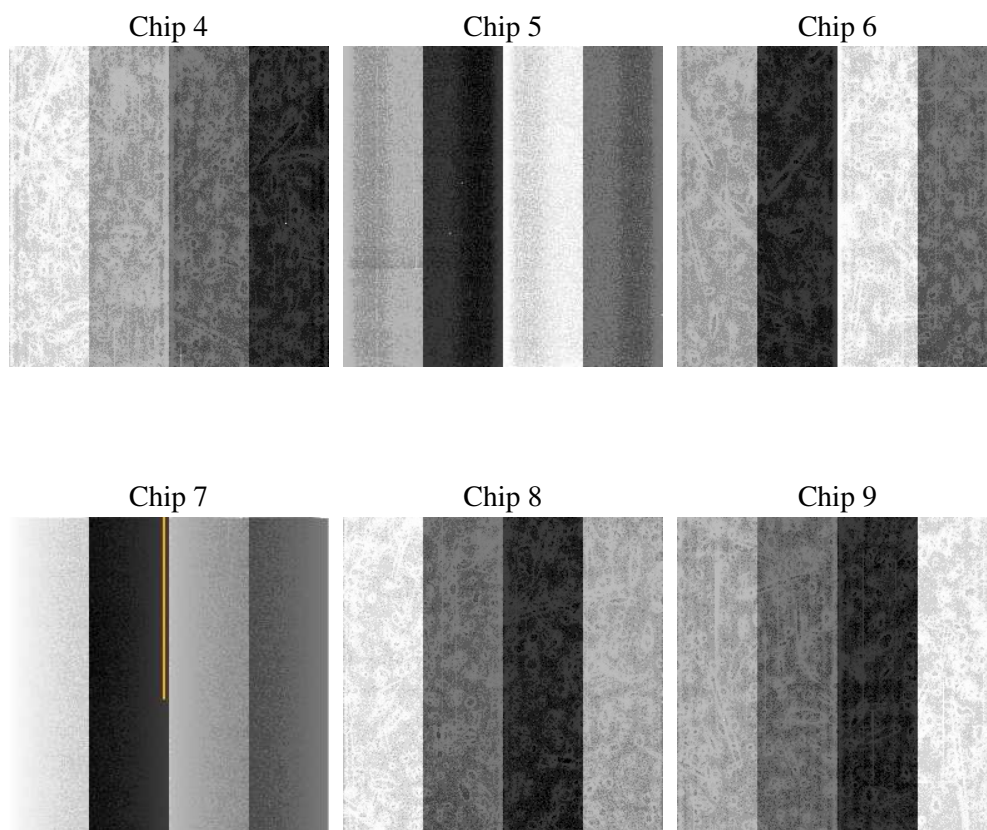
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-22T23:12:22
revision	2

sched_exp_time	0.0
ontime	7791.3821975291
ontime4	3150.2857048512
ontime5	7791.3821975291
ontime6	3561.8947670758
ontime7	7791.3821975291
ontime8	3662.3663201034
ontime9	3357.7111000121
l1events	1422656

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	149921	359479	179488	381704	187166	164898
rejected events	25105	61416	27073	55627	27991	25640
rejected %	16%	17%	15%	14%	14%	15%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	73363	40173	83535	57429	87776	77177
	48%	11%	46%	15%	46%	46%
grade 1 events	585	787	378	135	421	432
	0%	0%	0%	0%	0%	0%
grade 2 events	19103	139808	26248	99427	27614	23599
	12%	38%	14%	26%	14%	14%
grade 3 events	8321	9664	9472	23554	10188	8990
	5%	2%	5%	6%	5%	5%
grade 4 events	8284	9559	9324	23375	10295	8832
	5%	2%	5%	6%	5%	5%
grade 5 events	1520	6580	1749	6978	2052	1833
	1%	1%	0%	1%	1%	1%
grade 6 events	15860	98999	23997	122424	23470	20808
	10%	27%	13%	32%	12%	12%
grade 7 events	22885	53909	24785	48382	25350	23227
	15%	14%	13%	12%	13%	14%

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	173.0175179116735	Alternating exposures requested	N	N
Pointing Dec	0	-16.57680987096838	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	21.09819819300827			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-190.132523	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	163119489.516516	163119488.49178			
Observation start date	2003-03-03T22:58:10	2003-03-03T22:58:08			
Observation end time	163130639.466985	163130638.44224			
Observation end date	2003-03-04T02:03:59	2003-03-04T02:03:58			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.78879024

A.2 Comments

Focal plane temperature is warmer than -118 degrees throughout observation. The ACIS calibrations are not verified or necessarily applicable for focal plane temperatures warmer than -118 degrees.