

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61148 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Sep 21 2006

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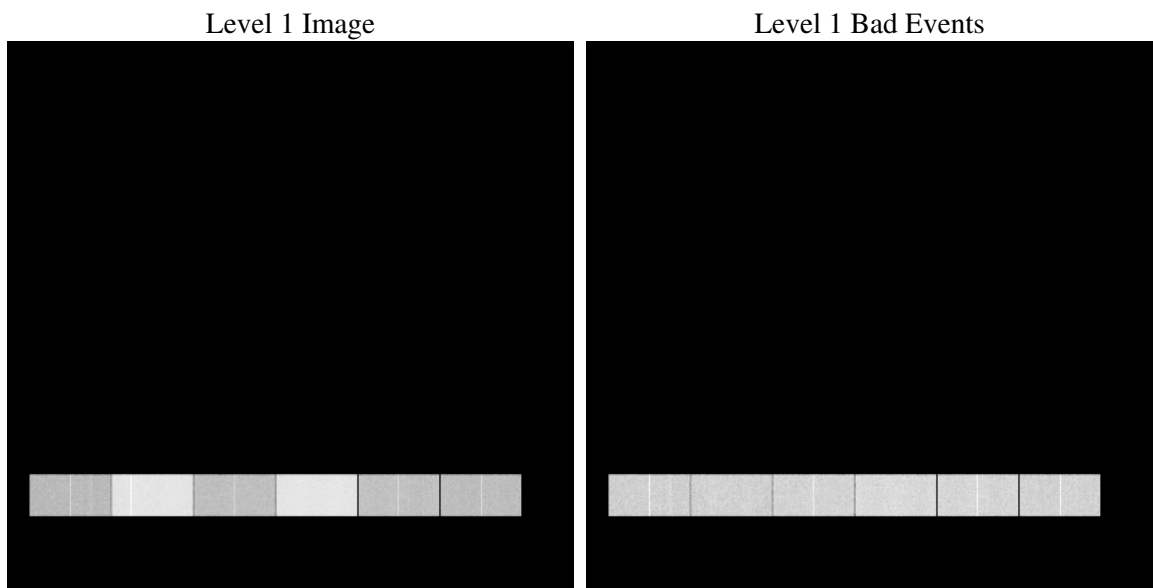
1 Front

seq_num	
obs_id	61148
title	ACIS-456789 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
ra_targ	0.0
dec_targ	0.0
ra_nom	151.89770076023
dec_nom	-22.028526189966
roll_nom	232.93683102238
revision	2
ontime	8551.277873069
livetime	8517.8744438774
ontime4	2949.7242743671
ontime5	9203.5241827071
ontime6	3226.9714005888
ontime7	8551.277873069
ontime8	3200.7058003545
ontime9	3152.5521299839
l2events	920935

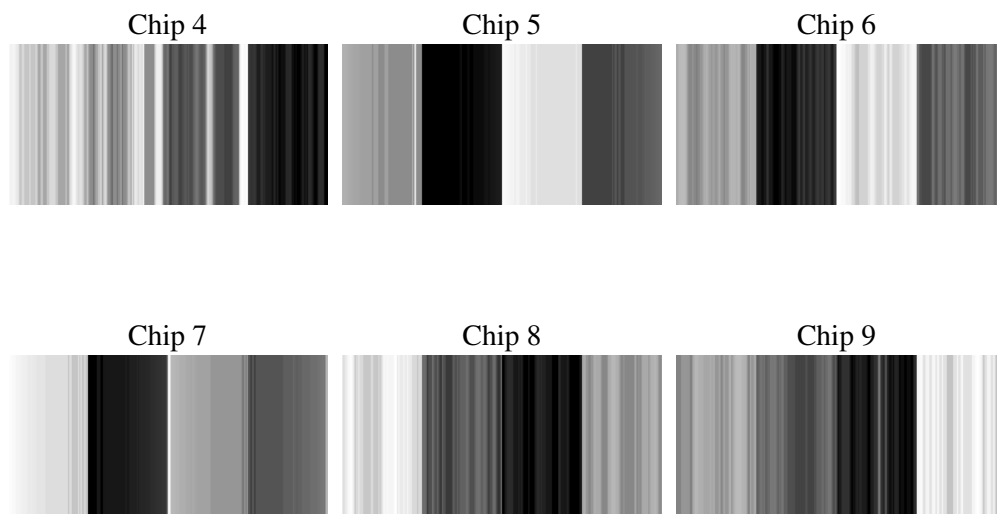
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-21T12:08:41
revision	2

sched_exp_time	0.0
ontime	8629.6087131798
ontime4	2976.7650156021
ontime5	9286.232543081
ontime6	3252.552852422
ontime7	8629.6087131798
ontime8	3226.287311554
ontime9	3183.9704413414
l1events	1700475

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	160395	495873	181418	498989	190980	172820
rejected events	109995	110685	118558	137462	127774	115548
rejected %	68%	22%	65%	27%	66%	66%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	9973	28981	14520	55430	19432	13601
	6%	5%	8%	11%	10%	7%
grade 1 events	46	110	76	173	77	60
	0%	0%	0%	0%	0%	0%
grade 2 events	87789	209053	96454	145614	93331	91157
	54%	42%	53%	29%	48%	52%
grade 3 events	1470	7206	2111	22974	2780	1870
	0%	1%	1%	4%	1%	1%
grade 4 events	1555	6960	2093	22359	2744	1917
	0%	1%	1%	4%	1%	1%
grade 5 events	1641	7954	1798	8993	1893	1693
	1%	1%	0%	1%	0%	0%
grade 6 events	25149	147346	31978	158793	30590	29386
	15%	29%	17%	31%	16%	17%
grade 7 events	32772	88263	32388	84653	40133	33136
	20%	17%	17%	16%	21%	19%

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	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
Pointing RA	0	151.8977007602342	Alternating exposures requested	N	N
Pointing Dec	0	-22.02852618996598	Primary exposure time	0.000000	0
Pointing Roll	0.0	232.9368310223847			
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	141671369.776	141671368.75087			
Observation start date	2002-06-28T17:09:30	2002-06-28T17:09:28			
Observation end time	141692679.526	141692678.50175			
Observation end date	2002-06-28T23:04:40	2002-06-28T23:04:38			
Read mode	CONTINUOUS	CONTINUOUS			

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)	2006.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.55127787

A.2 Comments

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