

V&V Reference Report

L2 ASCDS Version : 8.3.2

Observation 62724 - L2 Version 5

Chandra X-Ray Center

L2 Processing Date : Aug 15 2010

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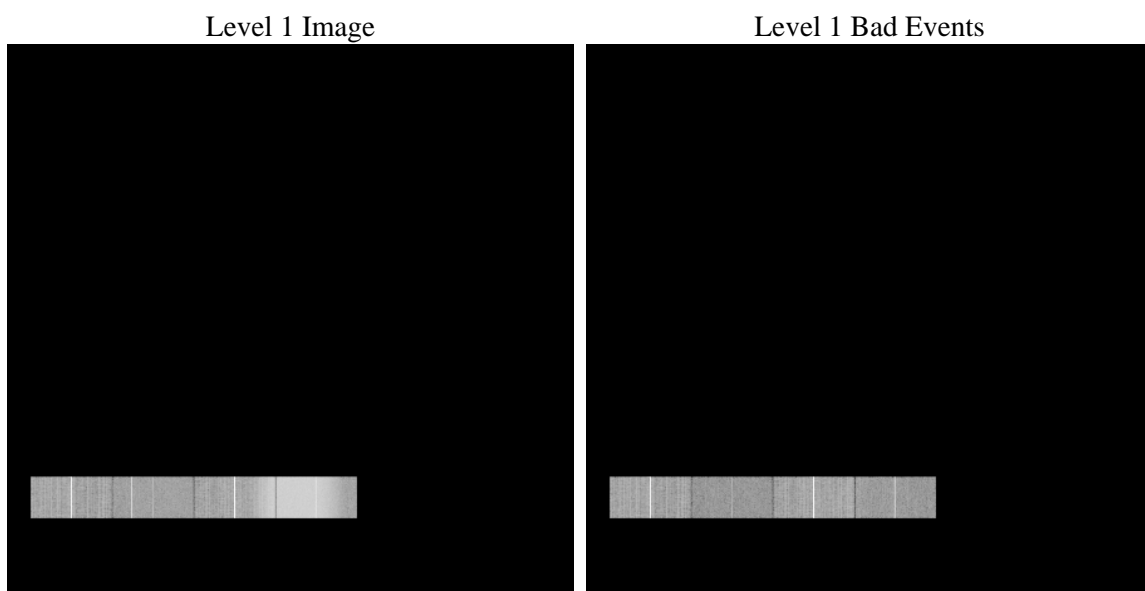
1 Front

seq_num	0	Sequence number
obs_id	62724	Observation id
title	ACIS CC mode test	Proposal title
observer	CHANDRA orbital activation and checkout	Principal investigator
object	 	Source name
ra_targ	0.0	Target RA
dec_targ	0.0	Target Dec
ra_nom	250.19172548473	Nominal RA
dec_nom	-12.449063090471	Nominal Dec
roll_nom	262.15857838609	Nominal Roll
revision	5	Processing version of data
ontime	5122.5654240996	Sum of GTIs [s]
livetime	5102.5554029117	Livetime [s]
ontime4	4357.9629745409	Sum of GTIs [s]
ontime5	5123.25	Sum of GTIs [s]
ontime6	4997.7618518546	Sum of GTIs [s]
ontime7	5122.5654240996	Sum of GTIs [s]
ontime8	5075.0976067781	Sum of GTIs [s]
ontime9	5096.985167928	Sum of GTIs [s]
l2events	394902	Number of level 2 events

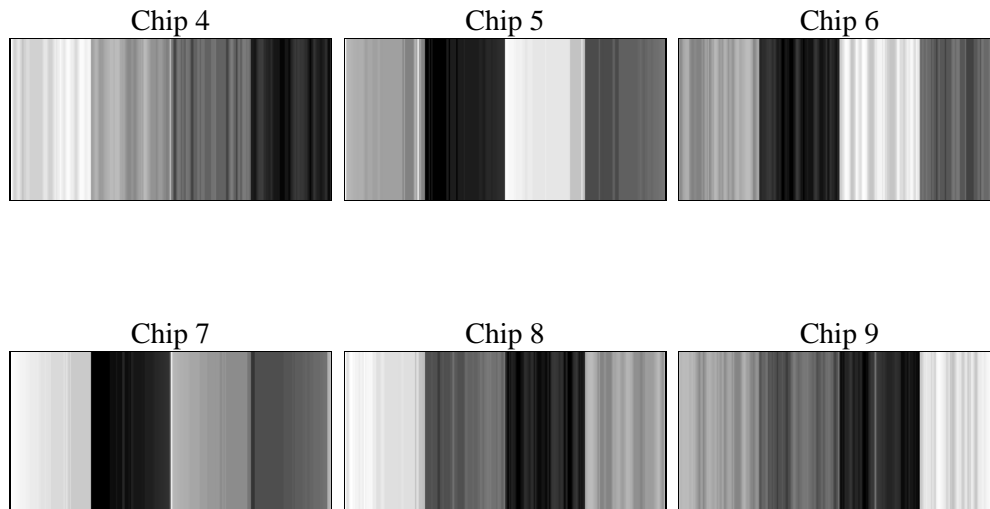
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	ObI number
ascdsver	8.3.2	ASCDS version number
caldsver	4.3.0	
date	2010-08-15T14:24:24	Date and time of file creation
revision	5	Processing version of data

sched_exp_time	0.0	Scheduled observation exposure time
ontime	5122.5654240996	Sum of GTIs [s]
ontime4	4357.9629745409	Sum of GTIs [s]
ontime5	5123.25	Sum of GTIs [s]
ontime6	4997.7618518546	Sum of GTIs [s]
ontime7	5122.5654240996	Sum of GTIs [s]
ontime8	5075.0976067781	Sum of GTIs [s]
ontime9	5096.985167928	Sum of GTIs [s]
l1events	862633	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	147833	110886	215877	388037	0	0
rejected events	140974	70842	152554	84809	0	0
rejected %	95%	63%	70%	21%	0%	0%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	2550	8920	27335	63282	0	0
	1%	8%	12%	16%	0%	0%
grade 1 events	35	60	203	215	0	0
	0%	0%	0%	0%	0%	0%
grade 2 events	1243	10482	11682	76721	0	0
	0%	9%	5%	19%	0%	0%
grade 3 events	1457	847	5731	25015	0	0
	0%	0%	2%	6%	0%	0%
grade 4 events	1700	786	5537	24326	0	0
	1%	0%	2%	6%	0%	0%
grade 5 events	1686	3603	2631	6322	0	0
	1%	3%	1%	1%	0%	0%
grade 6 events	925	19041	14414	114101	0	0
	0%	17%	6%	29%	0%	0%
grade 7 events	138237	67147	148344	78055	0	0
	93%	60%	68%	20%	0%	0%

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	250.1917254847318	Alternating exposures requested	N	N
Pointing Dec	0	-12.44906309047125	Primary exposure time	0	0
Pointing Roll	0.0	262.1585783860908			
SIM focus pos (mm)	-0.684267	0.255451383487682			
SIM defocus (mm)	0	0.9397188447875782			
SIM translation stage pos (mm)	-190.132523	-190.1325231039672			
SIM translation stage offset (mm)	0	5.209593894051068e-07			
Observation start time	50257498.273	50257497.210144			
Observation start date	1999-08-05T16:24:58	1999-08-05T16:24:57			
Observation stop time	50266007.86	50266006.760446			
Observation end date	1999-08-05T18:46:48	1999-08-05T18:46:46			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1225654240996

A.2 Comments

Internal calibration source prior to door opening. Chips S4 and S5 were clocked out, but the data were not telemetered. CC 3x3 mode.

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