

V&V Reference Report

L2 ASCDS Version : 8.3.2

Observation 62737 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 15 2010

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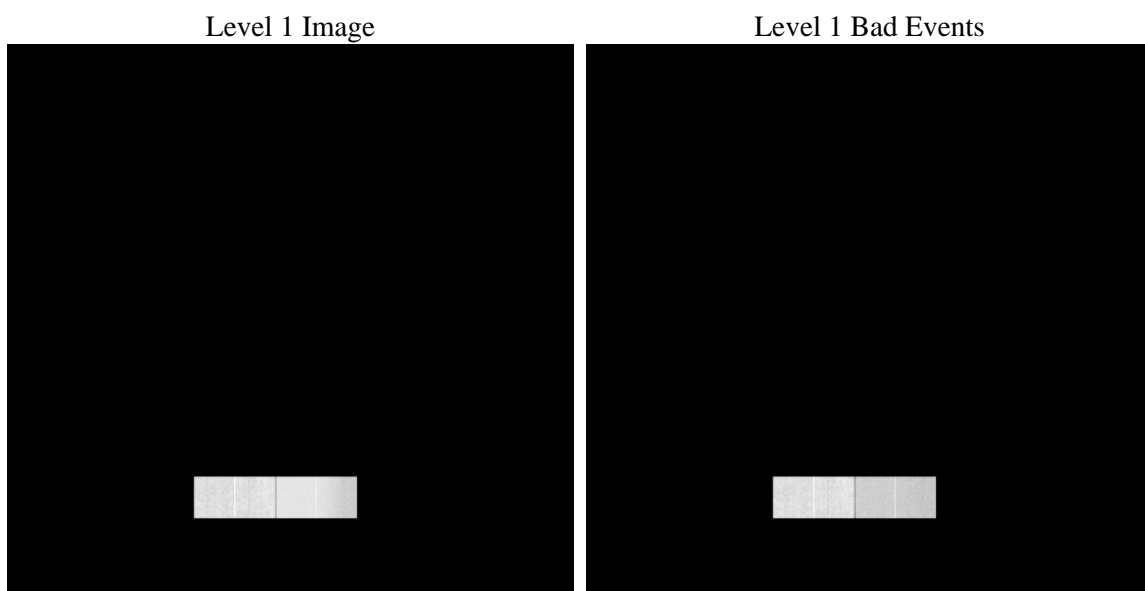
1 Front

seq_num	0	Sequence number
obs_id	62737	Observation id
title	ACIS CC-I mode test	Proposal title
observer	CHANDRA orbital activation and checkout	Principal investigator
object	 	Source name
ra_targ	0.0	Observer's specified target RA
dec_targ	0.0	Observer's specified target Dec
ra_nom	195.44227938258	Nominal RA
dec_nom	-0.34365547626461	Nominal Dec
roll_nom	240.24625789177	Nominal Roll
revision	4	Processing version of data
ontime	4287.15589533	Sum of GTIs [s]
livetime	4270.4091926139	Livetime [s]
ontime0	1378.3616050035	Sum of GTIs [s]
ontime1	1322.9122315422	Sum of GTIs [s]
ontime2	1236.8195045069	Sum of GTIs [s]
ontime3	1318.5346075147	Sum of GTIs [s]
ontime6	1430.8927608207	Sum of GTIs [s]
ontime7	4287.15589533	Sum of GTIs [s]
l2events	227758	Number of level 2 events

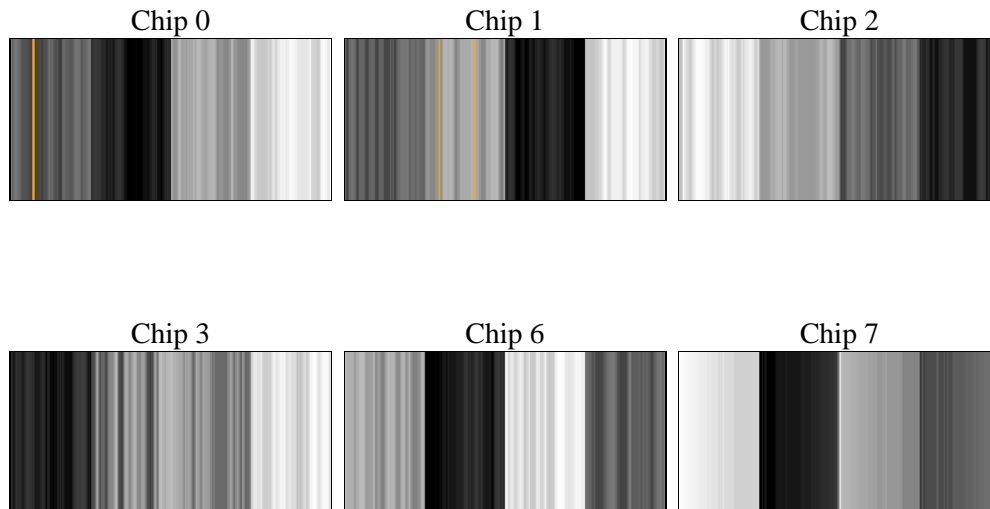
2 OBI

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
caldbver	4.3.0	
date	2010-08-15T13:05:49	Date and time of file creation
revision	4	Processing version of data

sched_exp_time	0.0	Scheduled observation exposure time
ontime	4287.15589533	Sum of GTIs [s]
ontime0	1378.3616050035	Sum of GTIs [s]
ontime1	1322.9122315422	Sum of GTIs [s]
ontime2	1236.8195045069	Sum of GTIs [s]
ontime3	1318.5346075147	Sum of GTIs [s]
ontime6	1430.8927608207	Sum of GTIs [s]
ontime7	4287.15589533	Sum of GTIs [s]
l1events	936139	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	0	0	0	0	477700	458439
rejected events	0	0	0	0	470362	233744
rejected %	0%	0%	0%	0%	98%	50%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	0	0	0	0	8127	53180
	0%	0%	0%	0%	1%	11%
grade 1 events	0	0	0	0	56	189
	0%	0%	0%	0%	0%	0%
grade 2 events	0	0	0	0	3722	65432
	0%	0%	0%	0%	0%	14%
grade 3 events	0	0	0	0	1832	21074
	0%	0%	0%	0%	0%	4%
grade 4 events	0	0	0	0	1742	20445
	0%	0%	0%	0%	0%	4%
grade 5 events	0	0	0	0	1789	7352
	0%	0%	0%	0%	0%	1%
grade 6 events	0	0	0	0	5095	107463
	0%	0%	0%	0%	1%	23%
grade 7 events	0	0	0	0	455337	183304
	0%	0%	0%	0%	95%	39%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	195.4422793825806	Alternating exposures requested	N	N
Pointing Dec	0	-0.3436554762646109	Primary exposure time	0.000000	0
Pointing Roll	0.0	240.2462578917723			
SIM focus pos (mm)	-0.782348	0.255451383487682			
SIM defocus (mm)	0	0.9397188447875782			
SIM translation stage pos (mm)	-233.592463	-190.1325231039672			
SIM translation stage offset (mm)	0	5.209593894051068e-07			
Observation start time	49916094.68	49916094.298243			
Observation start date	1999-08-01T17:34:55	1999-08-01T17:34:54			
Observation end time	49921998.953	49921998.298446			
Observation end date	1999-08-01T19:13:19	1999-08-01T19:13:18			
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)	2010.08.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.28715589533

A.2 Comments

ACIS 3x3 CC mode test. Not all chips read down in telemetry. Door source is visible.