

V&V Reference Report

L2 ASCDS Version : 8.1.2

Observation 62718 - L2 Version 4

Chandra X-Ray Center

L2 Processing Date : Mar 31 2010

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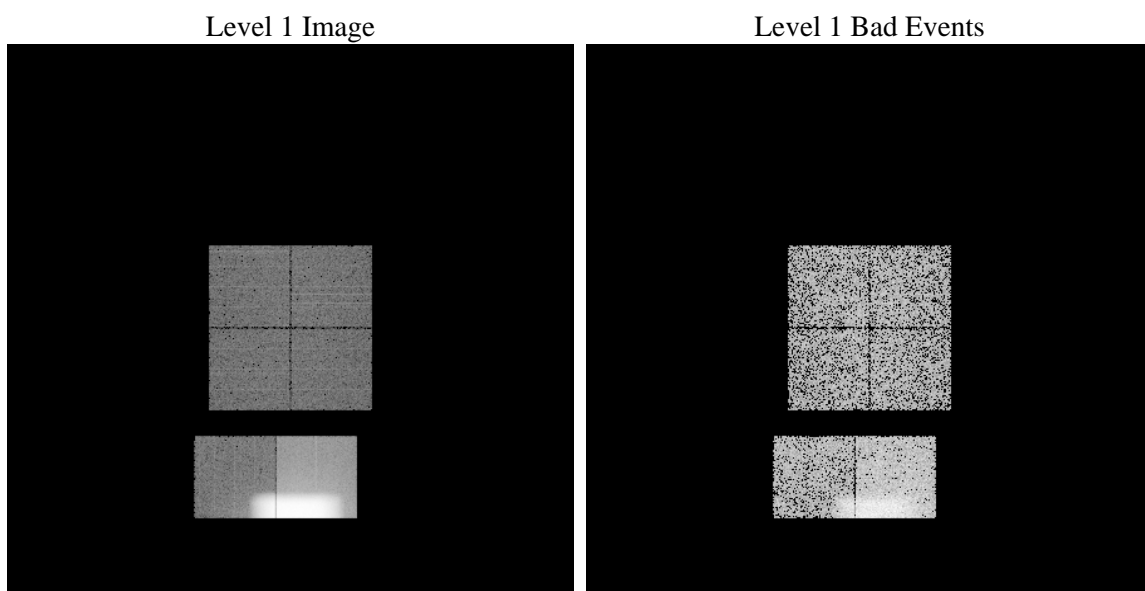
1 Front

seq_num	0	Sequence number
obs_id	62718	Observation id
title	ACIS internal cal; slosh test	Proposal title
observer	CHANDRA orbital activation and checkout	Principal investigator
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA
dec_targ	0.0	Observer's specified target Dec
ra_nom	229.96242222878	Nominal RA
dec_nom	-29.507794735187	Nominal Dec
roll_nom	252.49622931839	Nominal Roll
revision	4	Processing version of data
ontime	9946.1999910176	Sum of GTIs [s]
livetime	9824.0248456642	Livetime [s]
ontime0	9946.1999910176	Sum of GTIs [s]
ontime1	9946.1999910176	Sum of GTIs [s]
ontime2	9946.1999910176	Sum of GTIs [s]
ontime3	9946.1999910176	Sum of GTIs [s]
ontime6	9946.1999910176	Sum of GTIs [s]
ontime7	9946.1999910176	Sum of GTIs [s]
l2events	802317	Number of level 2 events

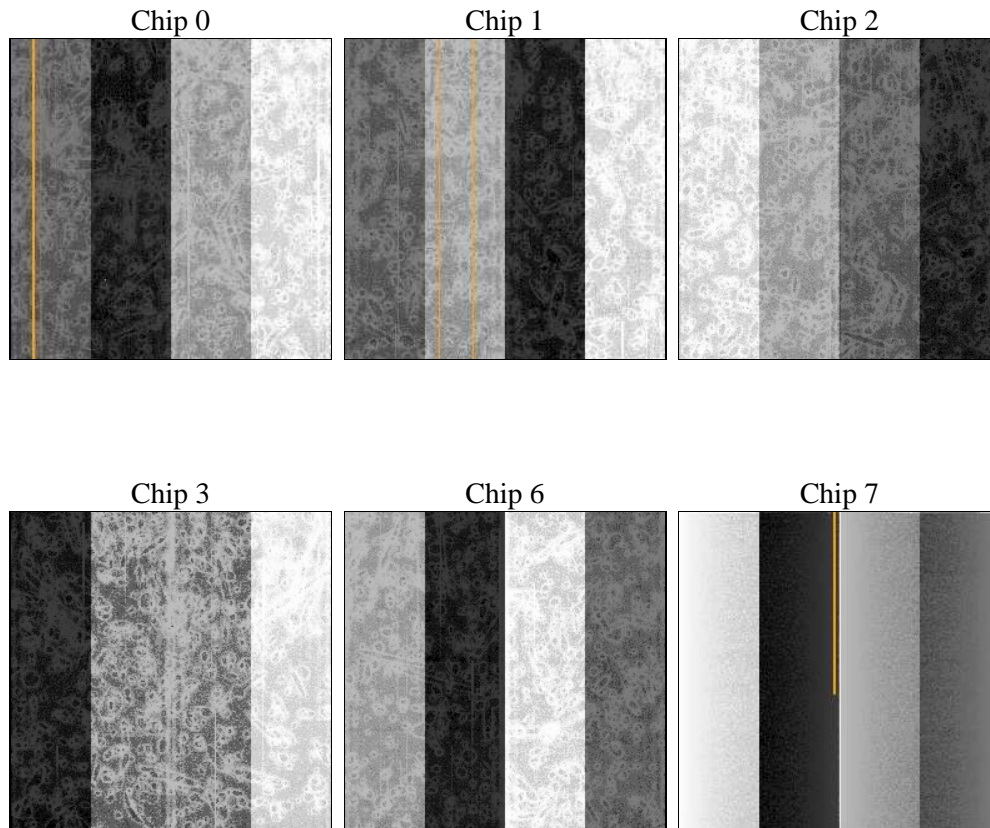
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	Scheduled observation exposure time
ascdsver	8.2.1	ASCDS version number	ontime	9946.1999910176	Sum of GTIs [s]
caldbver	4.1.5	 	ontime0	9946.1999910176	Sum of GTIs [s]
date	2010-03-31T19:55:51	Date and time of file creation	ontime1	9946.1999910176	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	9946.1999910176	Sum of GTIs [s]
			ontime3	9946.1999910176	Sum of GTIs [s]
			ontime6	9946.1999910176	Sum of GTIs [s]
			ontime7	9946.1999910176	Sum of GTIs [s]
			l1events	868454	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	25153	25601	24739	24066	140256	628639
rejected events	6987	7089	6864	6948	9393	18513
rejected %	27%	27%	27%	28%	6%	2%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	4383	4348	4533	4317	52872	123096
	17%	16%	18%	17%	37%	19%
grade 1 events	46	51	52	37	412	606
	0%	0%	0%	0%	0%	0%
grade 2 events	3954	3894	3860	3516	24782	141474
	15%	15%	15%	14%	17%	22%
grade 3 events	1789	1905	1715	1705	9684	48986
	7%	7%	6%	7%	6%	7%
grade 4 events	1557	1798	1613	1556	9469	48252
	6%	7%	6%	6%	6%	7%
grade 5 events	6882	6958	6755	6868	8699	16602
	27%	27%	27%	28%	6%	2%
grade 6 events	6507	6601	6211	6067	34338	249607
	25%	25%	25%	25%	24%	39%
grade 7 events	35	46	0	0	0	16
	0%	0%	0%	0%	0%	0%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
Pointing RA	0	229.9624222287778	Alternating exposures requested	N	N
Pointing Dec	0	-29.50779473518724	Primary exposure time	0.000000	3.3
Pointing Roll	0.0	252.4962293183891			
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	50408308.576	50408307.515535			
Observation start date	1999-08-07T10:18:29	1999-08-07T10:18:27			
Observation end time	50420051.009	50420049.915958			
Observation end date	1999-08-07T13:34:11	1999-08-07T13:34:09			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.94619999910176

A.2 Comments

Internal calibration prior to door opening.

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No KALMAN intervals in the observation