

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 62306 - L2 Version 4

Chandra X-Ray Center

L2 Processing Date : Nov 24 2009

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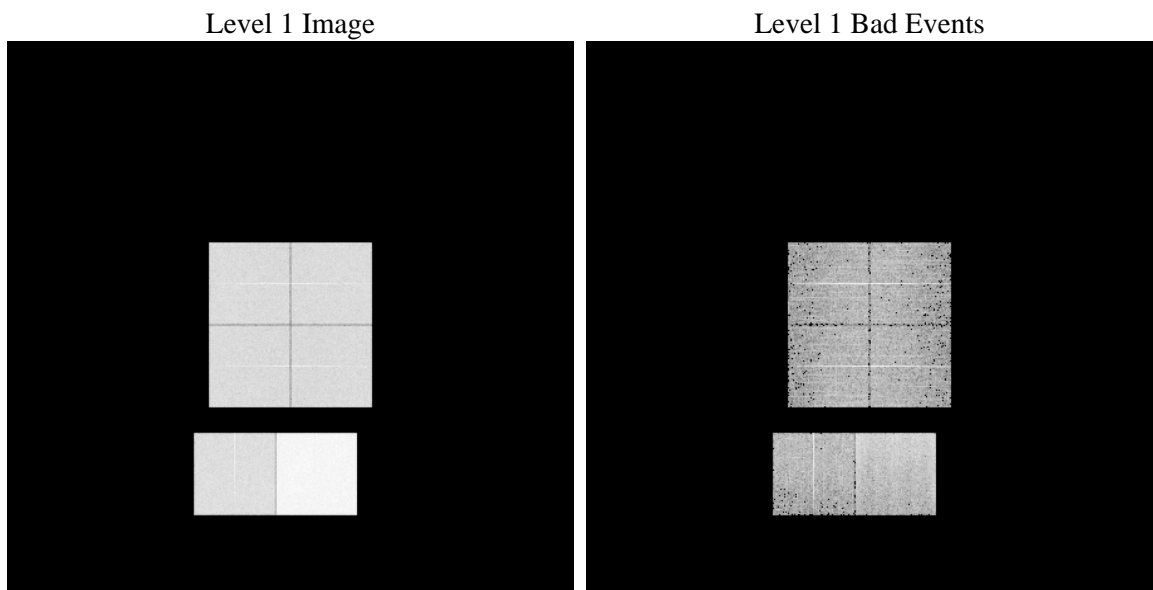
1 Front

seq_num	 	Sequence number
obs_id	62306	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
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	327.97960892988	Nominal RA
dec_nom	-30.478525622383	Nominal Dec
roll_nom	288.86347689261	Nominal Roll
revision	4	Processing version of data
ontime	4897.1853651404	Sum of GTIs [s]
livetime	4835.174255316	Livetime [s]
ontime0	1951.104687281	Sum of GTIs [s]
ontime1	1954.3458170742	Sum of GTIs [s]
ontime2	1892.7660569549	Sum of GTIs [s]
ontime3	1889.5249271616	Sum of GTIs [s]
ontime6	2122.3183192983	Sum of GTIs [s]
ontime7	4897.1853651404	Sum of GTIs [s]
l2events	1316913	Number of level 2 events

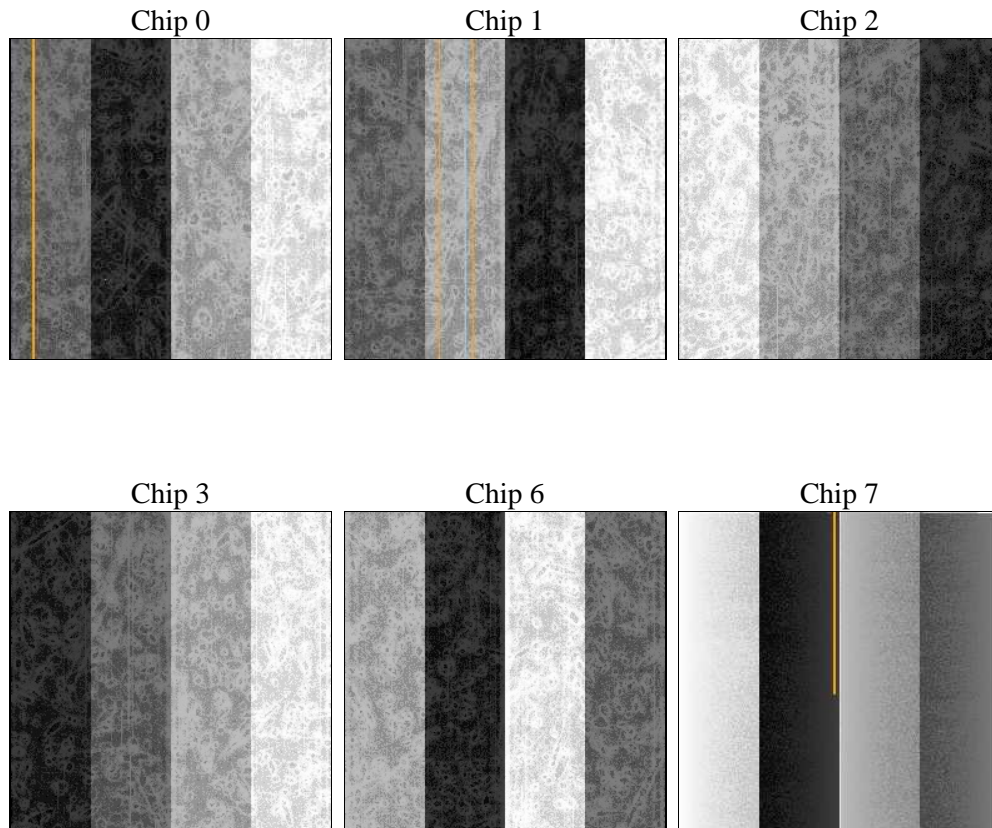
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number		
ascdsver	8.1.1	ASCDS version number	sched_exp_time	0.0
caldbver	4.1.4	 		Scheduled observation exposure time
date	2009-11-24T11:09:17	Date and time of file creation	ontime	4897.1853651404
revision	3	Processing version of data	ontime0	1951.104687281
			ontime1	1954.3458170742
			ontime2	1892.7660569549
			ontime3	1889.5249271616
			ontime6	2122.3183192983
			ontime7	4897.1853651404
			l1events	1518276
				Sum of GTIs [s]
				Sum of GTIs [s]
				Sum of GTIs [s]
				Sum of GTIs [s]
				Sum of GTIs [s]
				Sum of GTIs [s]
				Sum of GTIs [s]
				Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	197889	198417	194680	194127	222841	510322	grade 0 events	62741	62716	51925	54221	52426	83435
rejected events	26476	26638	27645	27351	31312	48243		31%	31%	26%	27%	23%	16%
rejected %	13%	13%	14%	14%	14%	9%	grade 1 events	300	267	206	238	218	203
								0%	0%	0%	0%	0%	0%
							grade 2 events	65007	65243	74012	71793	89881	130253
								32%	32%	38%	36%	40%	25%
							grade 3 events	6709	6820	5440	5652	5388	39693
								3%	3%	2%	2%	2%	7%
							grade 4 events	6670	6751	5361	5549	5551	35882
								3%	3%	2%	2%	2%	7%
							grade 5 events	1705	1701	1617	1702	1808	7021
								0%	0%	0%	0%	0%	1%
							grade 6 events	30286	30249	30297	29561	38283	172816
								15%	15%	15%	15%	17%	33%
							grade 7 events	24471	24670	25822	25411	29286	41019
								12%	12%	13%	13%	13%	8%

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	327.9796089298762	Alternating exposures requested	N	N
Pointing Dec	0	-30.47852562238291	Primary exposure time	3.2	3.2
Pointing Roll	0.0	288.8634768926052			
SIM focus pos (mm)	-0.782348	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	59385549.145408	59385548.376978			
Observation start date	1999-11-19T07:59:09	1999-11-19T07:59:08			
Observation end time	59432590.497111	59432589.728678			
Observation end date	1999-11-19T21:03:10	1999-11-19T21:03:09			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.8971853651404

A.2 Comments

This observation was acquired with the focal plane temperature raised from -120C to -110C, for attempted recalibration of ACIS for the 1999-09-16 through 2000-01-28 period. This reprocessing of the data applies no CTI correction because none is available for that temperature.