

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 62321 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 21 2009

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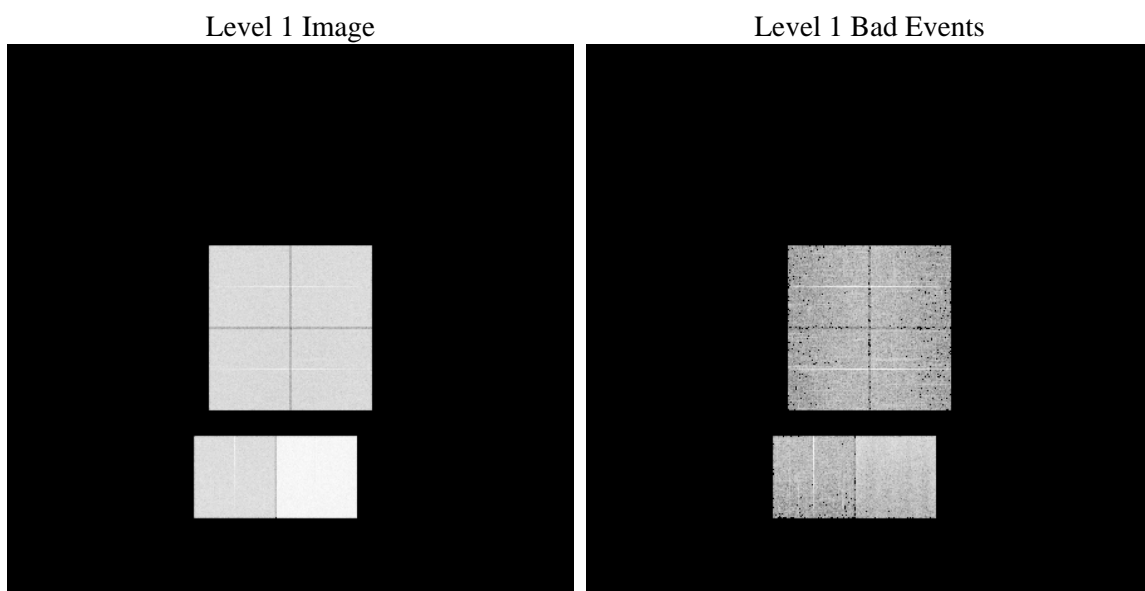
1 Front

seq_num	 	Sequence number
obs_id	62321	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	141.78143842934	Nominal RA
dec_nom	39.683965558156	Nominal Dec
roll_nom	70.97228951609	Nominal Roll
revision	4	Processing version of data
ontime	4943.2871668786	Sum of GTIs [s]
livetime	4880.6922882814	Livetime [s]
ontime0	1915.1591827124	Sum of GTIs [s]
ontime1	1964.7976146415	Sum of GTIs [s]
ontime2	1824.4921724722	Sum of GTIs [s]
ontime3	1824.3280124739	Sum of GTIs [s]
ontime6	2054.6468833387	Sum of GTIs [s]
ontime7	4943.2871668786	Sum of GTIs [s]
l2events	1310656	Number of level 2 events

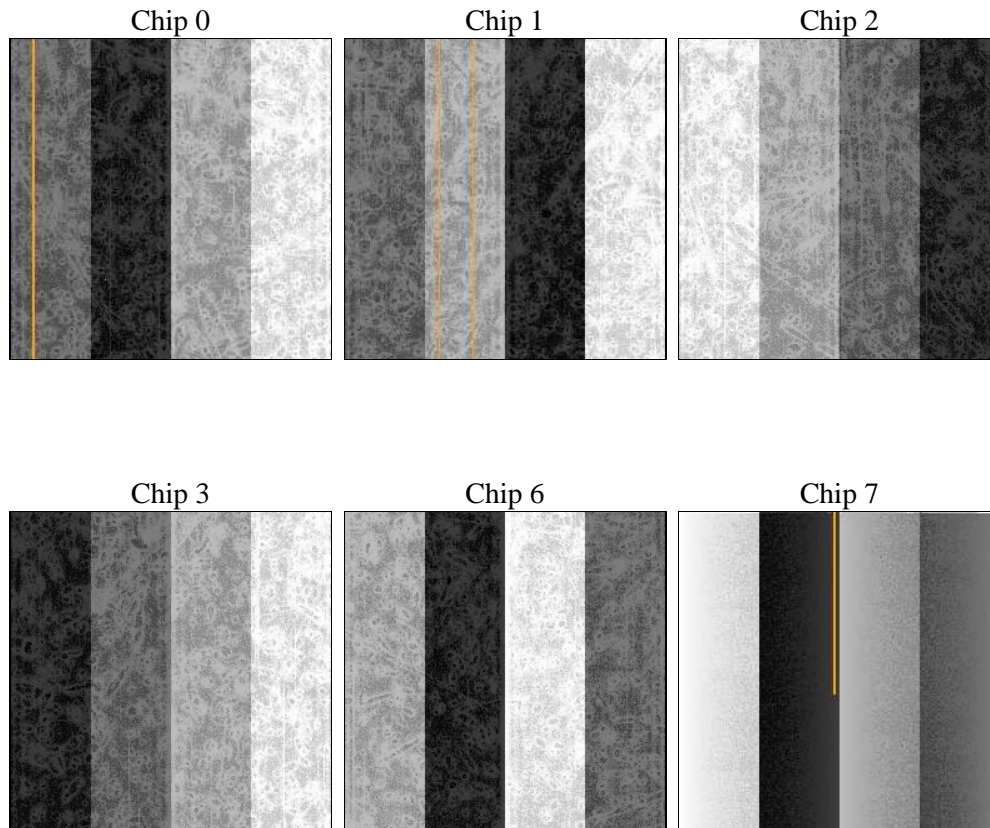
2 OBI

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	8.1.1	ASCDS version number	ontime	4943.2871668786	Sum of GTIs [s]
caldsver	4.1.4	 	ontime0	1915.1591827124	Sum of GTIs [s]
date	2009-11-21T13:23:21	Date and time of file creation	ontime1	1964.7976146415	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	1824.4921724722	Sum of GTIs [s]
			ontime3	1824.3280124739	Sum of GTIs [s]
			ontime6	2054.6468833387	Sum of GTIs [s]
			ontime7	4943.2871668786	Sum of GTIs [s]
			l1events	1516438	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	196163	201141	188650	190644	217350	522490	grade 0 events	64070	64285	51503	53684	51650	86206
rejected events	26819	27084	27655	28664	31411	50428		32%	31%	27%	28%	23%	16%
rejected %	13%	13%	14%	15%	14%	9%	grade 1 events	265	296	207	222	218	211
								0%	0%	0%	0%	0%	0%
							grade 2 events	62308	65508	69708	68967	86786	131714
								31%	32%	36%	36%	39%	25%
							grade 3 events	6759	6901	5524	5568	5336	41459
								3%	3%	2%	2%	2%	7%
							grade 4 events	6904	7028	5428	5569	5359	37278
								3%	3%	2%	2%	2%	7%
							grade 5 events	1720	1728	1600	1671	1729	7340
								0%	0%	0%	0%	0%	1%
							grade 6 events	29303	30609	28832	28192	36808	175737
								14%	15%	15%	14%	16%	33%
							grade 7 events	24834	24786	25848	26771	29464	42545
								12%	12%	13%	14%	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	141.7814384293392	Alternating exposures requested	N	N
Pointing Dec	0	39.68396555815616	Primary exposure time	3.2	3.2
Pointing Roll	0.0	70.97228951609017			
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	58298751.856198	58298751.087719			
Observation start date	1999-11-06T18:05:52	1999-11-06T18:05:51			
Observation end time	58309444.656584	58309443.888105			
Observation end date	1999-11-06T21:04:05	1999-11-06T21:04:03			
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	4.9432871668786

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.