

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 62325 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 21 2009

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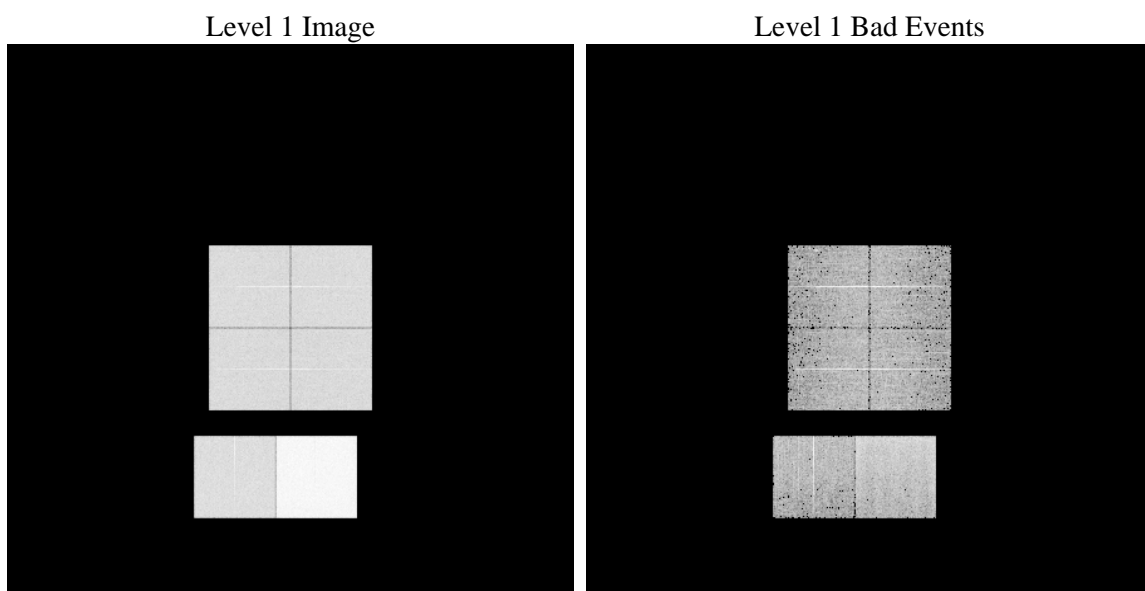
1 Front

seq_num	 	Sequence number
obs_id	62325	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	170.06434579077	Nominal RA
dec_nom	50.04817079751	Nominal Dec
roll_nom	47.478484871654	Nominal Roll
revision	4	Processing version of data
ontime	4958.0574964508	Sum of GTIs [s]
livetime	4895.275587047	Livetime [s]
ontime0	1921.2710326836	Sum of GTIs [s]
ontime1	1924.5531126931	Sum of GTIs [s]
ontime2	1850.0502325445	Sum of GTIs [s]
ontime3	1814.2348319814	Sum of GTIs [s]
ontime6	2026.3390243798	Sum of GTIs [s]
ontime7	4958.0574964508	Sum of GTIs [s]
l2events	1311315	Number of level 2 events

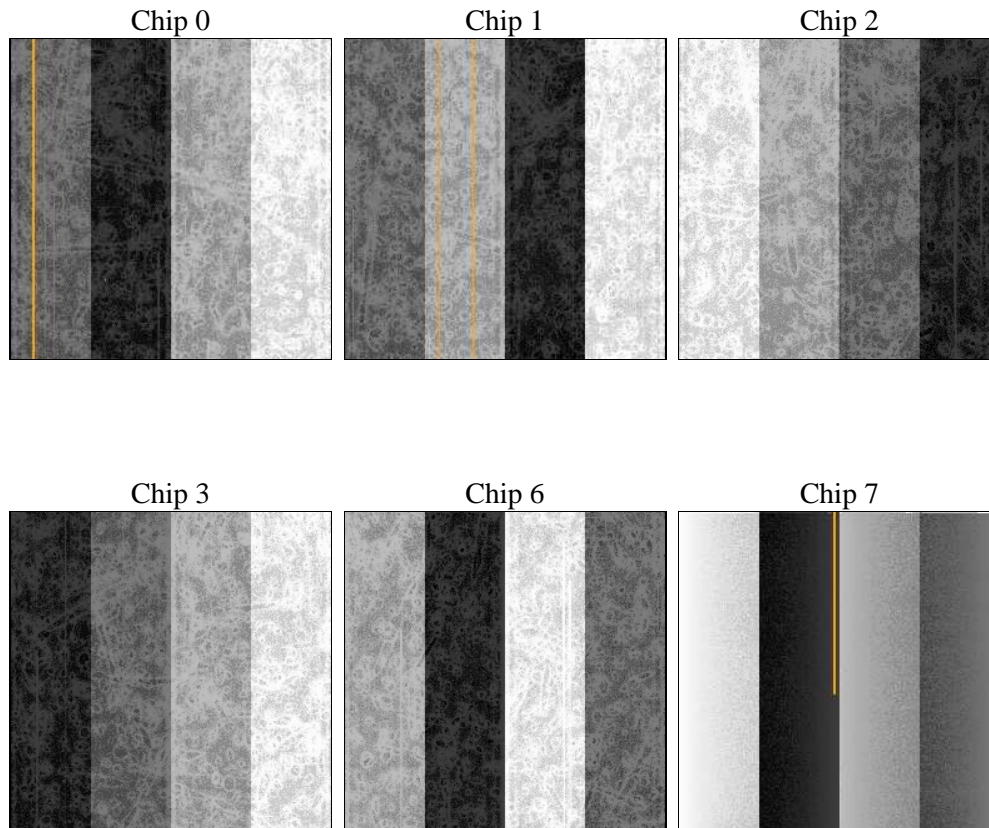
2 OBI

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
caldsver	4.1.4	 		Scheduled observation exposure time
date	2009-11-21T12:32:11	Date and time of file creation	ontime	4958.0574964508
revision	3	Processing version of data	ontime0	1921.2710326836
			ontime1	1924.5531126931
			ontime2	1850.0502325445
			ontime3	1814.2348319814
			ontime6	2026.3390243798
			ontime7	4958.0574964508
			l1events	1516392
				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	197357	197323	191537	189187	215881	525107	grade 0 events	63529	62492	51425	53449	52741	88556
rejected events	27061	26777	28175	28451	31609	49413		32%	31%	26%	28%	24%	16%
rejected %	13%	13%	14%	15%	14%	9%	grade 1 events	273	276	201	253	209	230
								0%	0%	0%	0%	0%	0%
							grade 2 events	63289	64656	71566	68180	85095	133122
								32%	32%	37%	36%	39%	25%
							grade 3 events	7050	6707	5479	5663	5411	41689
								3%	3%	2%	2%	2%	7%
							grade 4 events	6753	6702	5316	5483	5405	37471
								3%	3%	2%	2%	2%	7%
							grade 5 events	1660	1639	1683	1625	1685	7333
								0%	0%	0%	0%	0%	1%
							grade 6 events	29675	29989	29576	28104	36103	174856
								15%	15%	15%	14%	16%	33%
							grade 7 events	25128	24862	26291	26430	29232	41850
								12%	12%	13%	13%	13%	7%

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	170.0643457907685	Alternating exposures requested	N	N
Pointing Dec	0	50.04817079751007	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	47.47848487165359			
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	58073426.098	58073425.329585			
Observation start date	1999-11-04T03:30:26	1999-11-04T03:30:25			
Observation end time	58083225.099	58083224.329939			
Observation end date	1999-11-04T06:13:45	1999-11-04T06:13:44			
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	4.9580574964508

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.