

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 62301 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 24 2009

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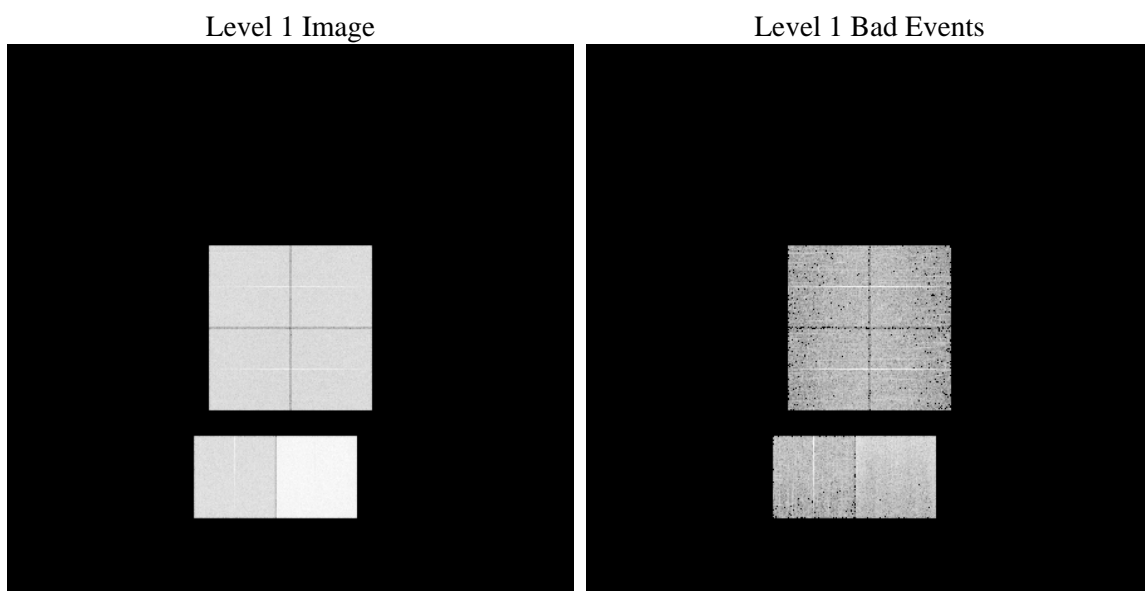
1 Front

seq_num	 	Sequence number
obs_id	62301	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	95.013230647724	Nominal RA
dec_nom	-14.978310220956	Nominal Dec
roll_nom	47.447018226544	Nominal Roll
revision	4	Processing version of data
ontime	4952.9676145092	Sum of GTIs [s]
livetime	4890.2501562552	Livetime [s]
ontime0	1974.4764042571	Sum of GTIs [s]
ontime1	1996.4766632617	Sum of GTIs [s]
ontime2	1873.3197771311	Sum of GTIs [s]
ontime3	1882.9171629623	Sum of GTIs [s]
ontime6	2106.6746575832	Sum of GTIs [s]
ontime7	4952.9676145092	Sum of GTIs [s]
l2events	1315932	Number of level 2 events

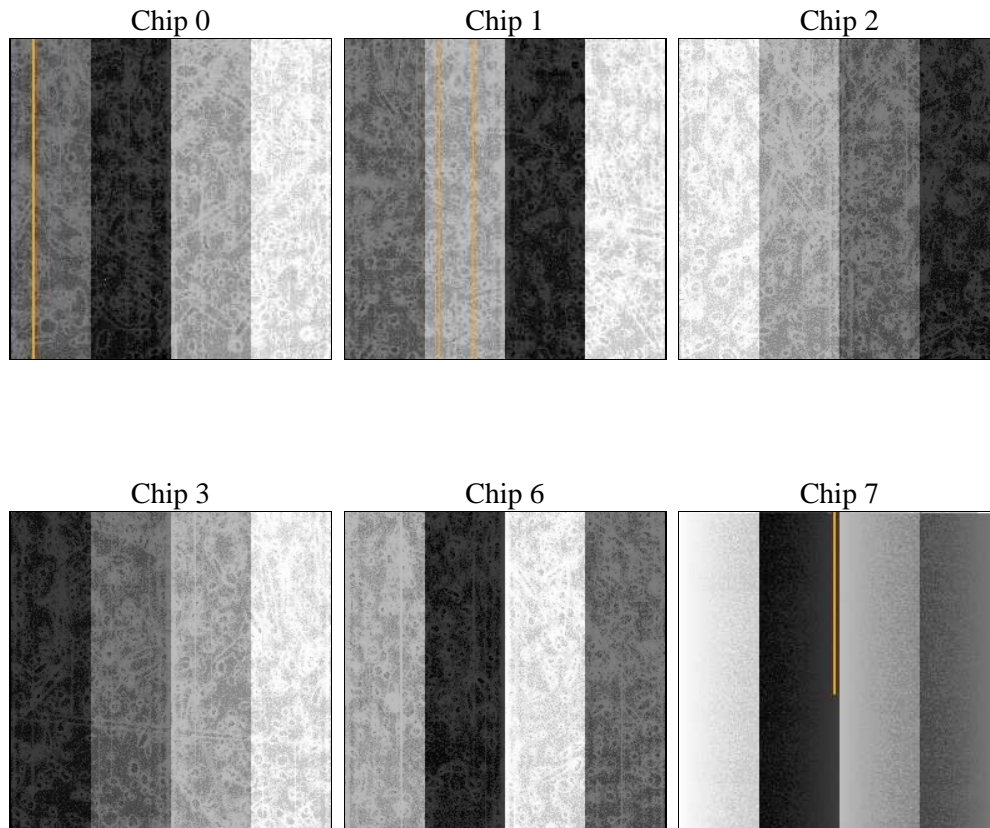
2 OBI

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	2009-11-24T16:57:57	Date and time of file creation	ontime	4952.9676145092
revision	3	Processing version of data	ontime0	1974.4764042571
			ontime1	1996.4766632617
			ontime2	1873.3197771311
			ontime3	1882.9171629623
			ontime6	2106.6746575832
			ontime7	4952.9676145092
			l1events	1517107
				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	199470	201295	189858	192251	220946	513287	grade 0 events	63808	64000	51933	54666	53186	84622
rejected events	26478	26347	26785	26904	31941	48923		31%	31%	27%	28%	24%	16%
rejected %	13%	13%	14%	13%	14%	9%	grade 1 events	277	258	230	191	191	200
								0%	0%	0%	0%	0%	0%
							grade 2 events	65477	66109	71206	70324	87797	131096
								32%	32%	37%	36%	39%	25%
							grade 3 events	6805	7010	5348	5582	5442	39557
								3%	3%	2%	2%	2%	7%
							grade 4 events	6737	6849	5283	5706	5462	35664
								3%	3%	2%	2%	2%	6%
							grade 5 events	1743	1706	1615	1650	1737	7126
								0%	0%	0%	0%	0%	1%
							grade 6 events	30463	30980	29303	29069	37118	173729
								15%	15%	15%	15%	16%	33%
							grade 7 events	24160	24383	24940	25063	30013	41293
								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	95.01323064772369	Alternating exposures requested	N	N
Pointing Dec	0	-14.9783102209565	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	47.44701822654356			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	59670201.906	59670201.137266			
Observation start date	1999-11-22T15:03:22	1999-11-22T15:03:21			
Observation end time	59680000.906	59680000.137621			
Observation end date	1999-11-22T17:46:41	1999-11-22T17:46:40			
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	4.9529676145092

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.