

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 62294 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 25 2009

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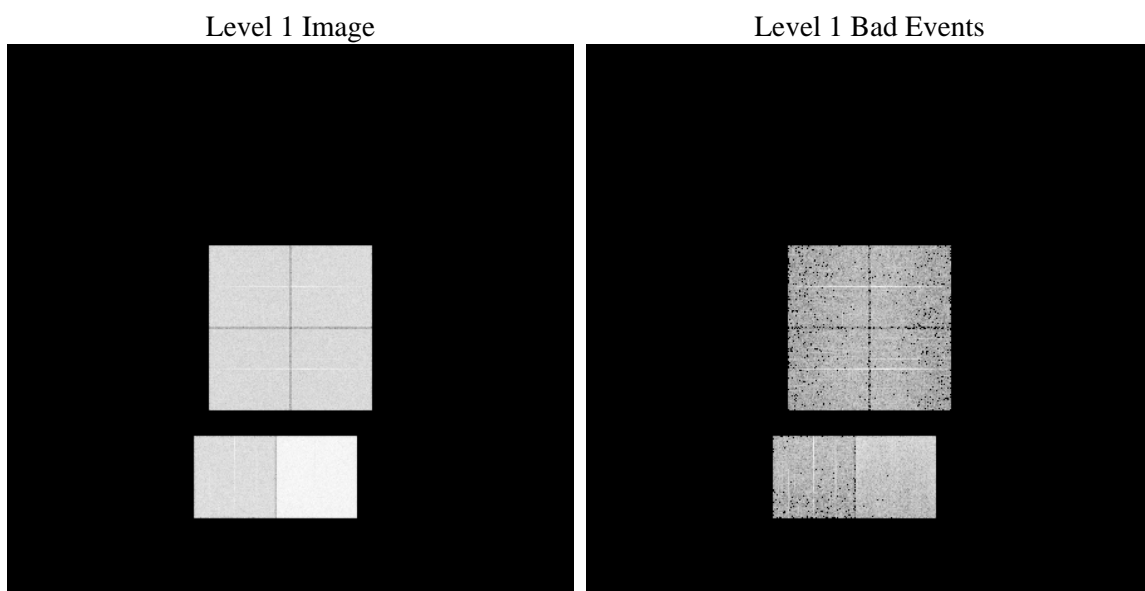
1 Front

seq_num	 	Sequence number
obs_id	62294	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	85.929039378852	Nominal RA
dec_nom	-68.372263495255	Nominal Dec
roll_nom	19.781411465073	Nominal Roll
revision	4	Processing version of data
ontime	3383.363502048	Sum of GTIs [s]
livetime	3340.5213161681	Livetime [s]
ontime0	1340.3622450083	Sum of GTIs [s]
ontime1	1372.7725552768	Sum of GTIs [s]
ontime2	1282.0235747546	Sum of GTIs [s]
ontime3	1305.834231846	Sum of GTIs [s]
ontime6	1437.5933554024	Sum of GTIs [s]
ontime7	3383.363502048	Sum of GTIs [s]
l2events	902361	Number of level 2 events

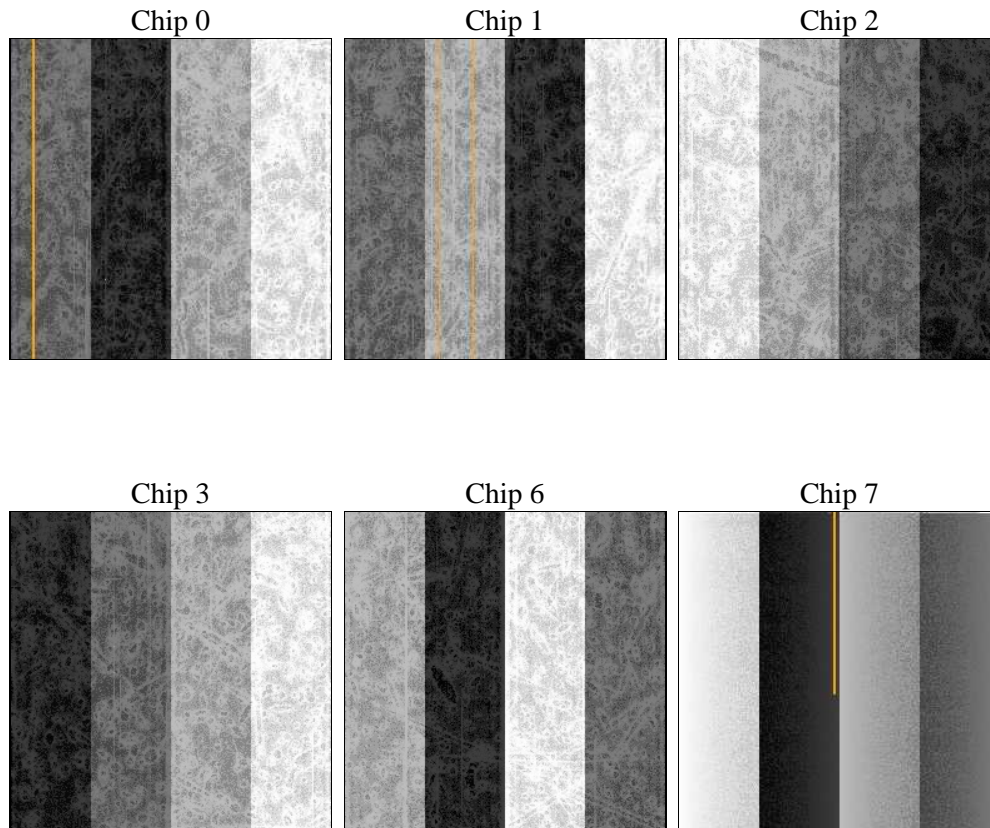
2 OBI

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	2009-11-25T08:51:17	Date and time of file creation	ontime	3383.363502048
revision	3	Processing version of data	ontime0	1340.3622450083
			ontime1	1372.7725552768
			ontime2	1282.0235747546
			ontime3	1305.834231846
			ontime6	1437.5933554024
			ontime7	3383.363502048
			l1events	1059678
				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	136958	141538	133017	135917	152936	359312	grade 0 events	44005	45712	36973	39295	36794	60661
rejected events	20110	20860	20965	21618	23926	40384		32%	32%	27%	28%	24%	16%
rejected %	14%	14%	15%	15%	15%	11%	grade 1 events	198	192	148	177	141	115
								0%	0%	0%	0%	0%	0%
							grade 2 events	44488	46317	49003	48991	60678	90730
								32%	32%	36%	36%	39%	25%
							grade 3 events	4781	4981	3780	4047	3863	28250
								3%	3%	2%	2%	2%	7%
							grade 4 events	4788	4876	3895	4136	3779	25822
								3%	3%	2%	3%	2%	7%
							grade 5 events	1218	1209	1066	1125	1218	4975
								0%	0%	0%	0%	0%	1%
							grade 6 events	20979	21333	20419	20414	25962	120198
								15%	15%	15%	15%	16%	33%
							grade 7 events	16501	16918	17733	17732	20501	28561
								12%	11%	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	85.92903937885185	Alternating exposures requested	N	N
Pointing Dec	0	-68.37226349525471	Primary exposure time	3.2	3.2
Pointing Roll	0.0	19.78141146507282			
SIM focus pos (mm)	-0.782348	-1.428180813131781			
SIM defocus (mm)	0	0.1051558262725154			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	60298159.978526	60298159.209956			
Observation start date	1999-11-29T21:29:20	1999-11-29T21:29:19			
Observation end time	60305457.978792	60305457.21022			
Observation end date	1999-11-29T23:30:58	1999-11-29T23:30:57			
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	3.383363502048

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.