

V&V Reference Report

L2 ASCDS Version : 8.3.2.1

Observation 62373 - L2 Version 3

Chandra X-Ray Center

L2 Processing Date : Sep 28 2010

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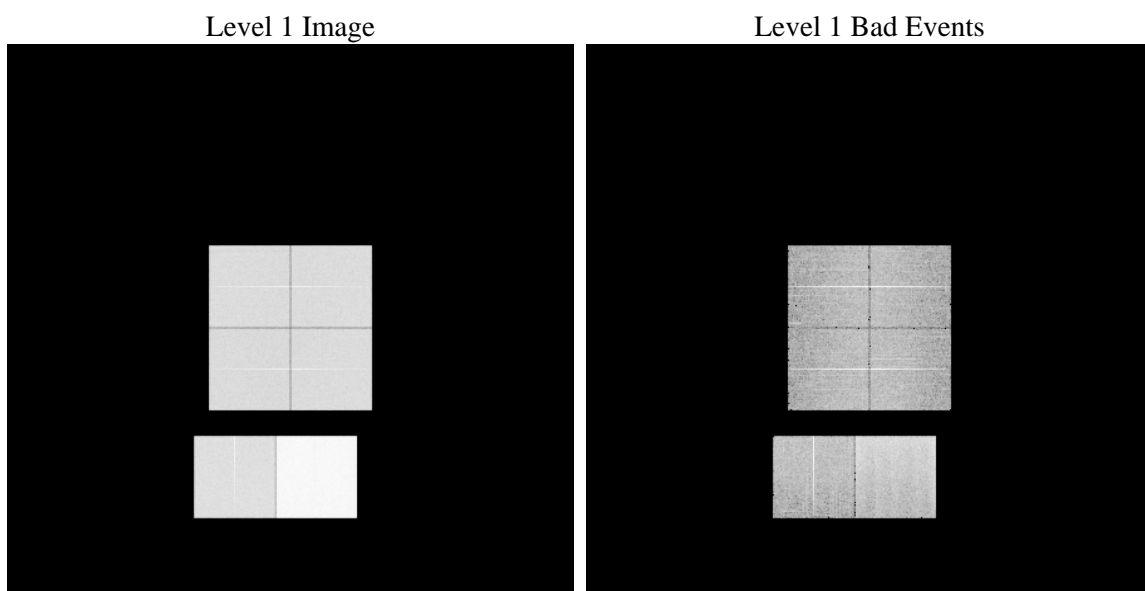
1 Front

seq_num	 	Sequence number
obs_id	62373	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	338.77716136434	Nominal RA
dec_nom	-29.682644943524	Nominal Dec
roll_nom	335.70621299841	Nominal Roll
revision	3	Processing version of data
ontime	9758.1062652245	Sum of GTIs [s]
livetime	9634.5432480681	Livetime [s]
ontime0	3694.20875559	Sum of GTIs [s]
ontime1	3701.4186146855	Sum of GTIs [s]
ontime2	3467.4180351496	Sum of GTIs [s]
ontime3	3645.7162754908	Sum of GTIs [s]
ontime6	4050.8872664124	Sum of GTIs [s]
ontime7	9758.1062652245	Sum of GTIs [s]
l2events	2634309	Number of level 2 events

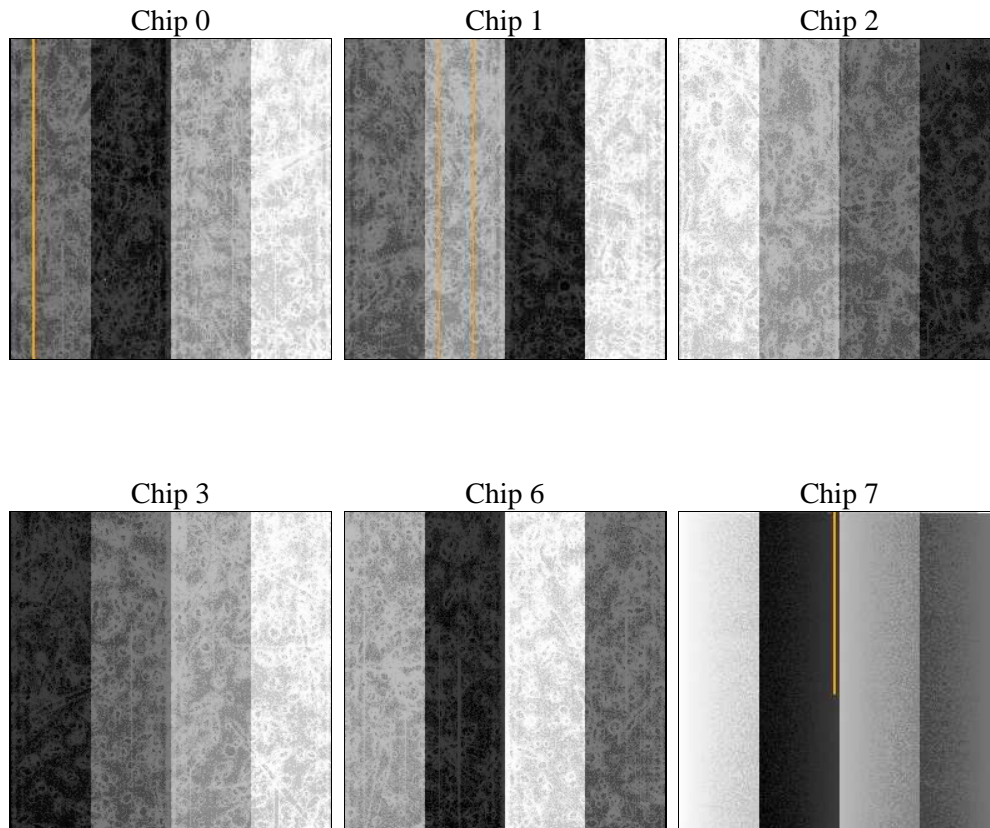
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number		
ascdsver	8.3.2.1	ASCDS version number	sched_exp_time	0.0
caldsver	4.3.1	 		
date	2010-09-28T19:31:32	Date and time of file creation	ontime	9758.1062652245
revision	3	Processing version of data	ontime0	3694.20875559
			ontime1	3701.4186146855
			ontime2	3467.4180351496
			ontime3	3645.7162754908
			ontime6	4050.8872664124
			ontime7	9758.1062652245
			l1events	3049409

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	389706	390394	372340	389063	442084	1065822	grade 0 events	127186	125809	102639	111568	106370	176316
rejected events	53740	54149	56192	56506	65137	102344		32%	32%	27%	28%	24%	16%
rejected %	13%	13%	15%	14%	14%	9%	grade 1 events	569	534	452	474	431	431
								0%	0%	0%	0%	0%	0%
							grade 2 events	122806	125264	134954	138686	173905	269397
								31%	32%	36%	35%	39%	25%
							grade 3 events	13794	13103	10797	11743	11029	83791
								3%	3%	2%	3%	2%	7%
							grade 4 events	13660	13376	10938	11963	10993	75433
								3%	3%	2%	3%	2%	7%
							grade 5 events	3322	3466	3104	3372	3562	15006
								0%	0%	0%	0%	0%	1%
							grade 6 events	58520	59005	56820	58597	74650	358541
								15%	15%	15%	15%	16%	33%
							grade 7 events	49849	49837	52636	52660	61144	86907
								12%	12%	14%	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	338.7771613643438	Alternating exposures requested	N	N
Pointing Dec	0	-29.68264494352434	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	335.7062129984123			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-233.592463	250.4459185577885			
SIM translation stage offset (mm)	0	0.01005983576618519			
Observation start time	54900665.631	54900664.815269			
Observation start date	1999-09-28T10:11:06	1999-09-28T10:11:04			
Observation end time	54930964.632	54930963.81636			
Observation end date	1999-09-28T18:36:05	1999-09-28T18:36:03			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.10.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.7581062652245

A.2 Comments

Spacecraft in normal sun mode

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The focal plane temperature is approximately -110 C during this observation.