

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61229 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 5 2012

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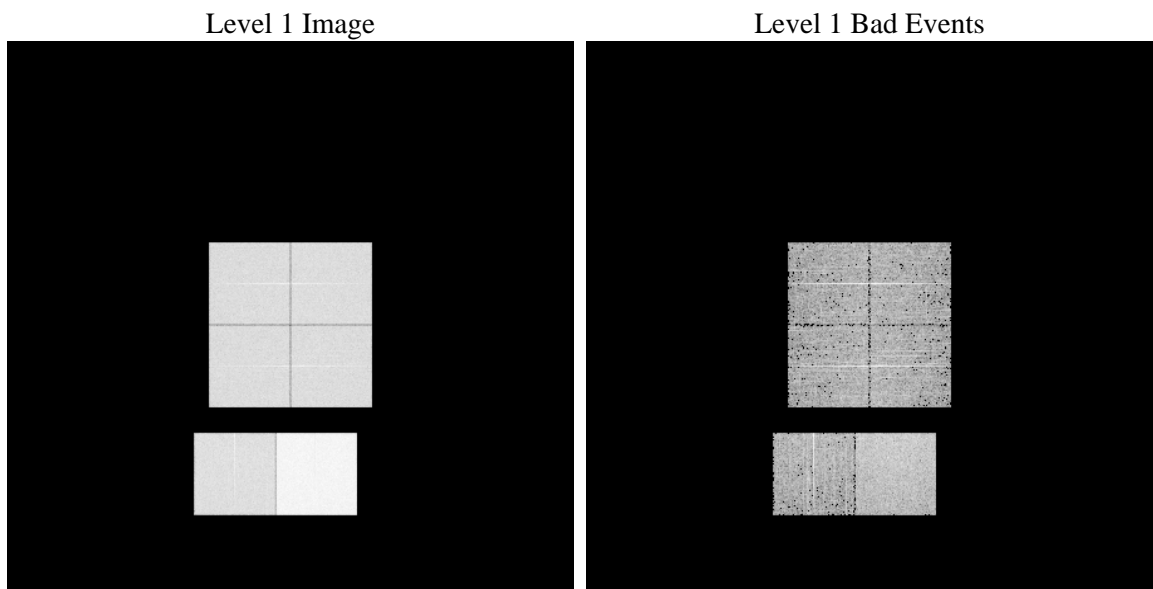
1 Front

seq_num	 	Sequence number
obs_id	61229	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 [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	166.01192348499	Nominal RA [deg]
dec_nom	-7.0260697539158	Nominal Dec [deg]
roll_nom	261.57656204584	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8465.4893942177	Sum of GTIs [s]
livetime	8358.2942702024	Livetime [s]
ontime0	3591.0646257699	Sum of GTIs [s]
ontime1	3668.8500040472	Sum of GTIs [s]
ontime2	3523.0035429001	Sum of GTIs [s]
ontime3	3548.9321024716	Sum of GTIs [s]
ontime6	3788.8033768535	Sum of GTIs [s]
ontime7	8465.4893942177	Sum of GTIs [s]
l2events	1335931	Number of level 2 events

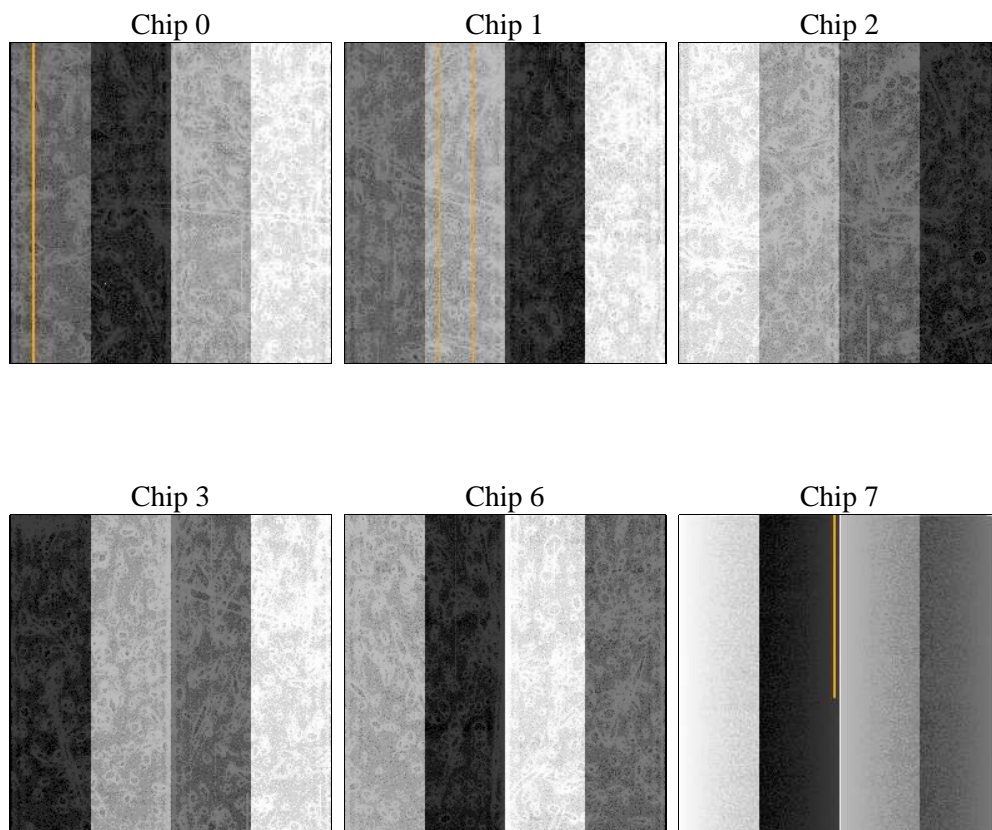
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8465.4893942177	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	3591.0646257699	Sum of GTIs [s]
date	2012-10-05T17:38:21	Date and time of file creation	ontime1	3668.8500040472	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3523.0035429001	Sum of GTIs [s]
			ontime3	3548.9321024716	Sum of GTIs [s]
			ontime6	3788.8033768535	Sum of GTIs [s]
			ontime7	8465.4893942177	Sum of GTIs [s]
			l1events	1560382	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	207450	212187	207196	209509	230494	493546	grade 0 events	101611	103648	101575	102700	111437	113098
rejected events	23330	24098	24664	25576	26435	43293		48%	48%	49%	49%	48%	22%
rejected %	11%	11%	11%	12%	11%	8%	grade 1 events	481	496	457	511	494	276
								0%	0%	0%	0%	0%	0%
							grade 2 events	32344	33245	31946	32171	35273	99217
								15%	15%	15%	15%	15%	20%
							grade 3 events	11626	11900	11249	11585	12580	45598
								5%	5%	5%	5%	5%	9%
							grade 4 events	11765	11944	11535	11663	12535	45042
								5%	5%	5%	5%	5%	9%
							grade 5 events	1677	1751	1568	1796	1909	8560
								0%	0%	0%	0%	0%	1%
							grade 6 events	26774	27352	26227	25814	32401	147298
								12%	12%	12%	12%	14%	29%
							grade 7 events	21172	21851	22639	23269	23865	34457
								10%	10%	10%	11%	10%	6%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
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
[deg] Pointing RA	0	166.0119234849891	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-7.026069753915833	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	261.5765620458411			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	135505971.973886	135505970.94917			
Observation start date	2002-04-18T08:32:52	2002-04-18T08:32:50			
[s] Observation end time (MET)	135527281.724753	135527280.70003			
Observation end date	2002-04-18T14:28:02	2002-04-18T14:28:00			
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)	2012.10.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4654893942177

A.2 Comments