

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58636 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 15 2012

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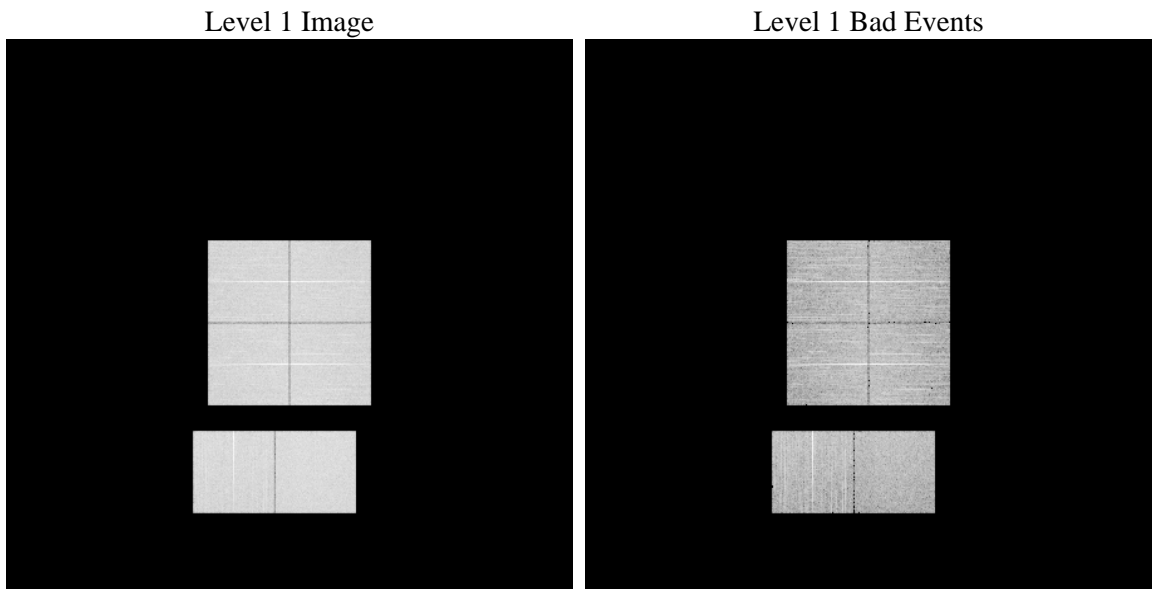
1 Front

seq_num	 	Sequence number
obs_id	58636	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	117.9919841608	Nominal RA [deg]
dec_nom	17.027691801534	Nominal Dec [deg]
roll_nom	72.614289958365	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8191.999969542	Sum of GTIs [s]
livetime	8088.2679332975	Livetime [s]
ontime0	8191.9659017324	Sum of GTIs [s]
ontime1	8191.9248617291	Sum of GTIs [s]
ontime2	8191.8838217258	Sum of GTIs [s]
ontime3	8191.999969542	Sum of GTIs [s]
ontime6	8191.8427817225	Sum of GTIs [s]
ontime7	8191.999969542	Sum of GTIs [s]
l2events	795853	Number of level 2 events

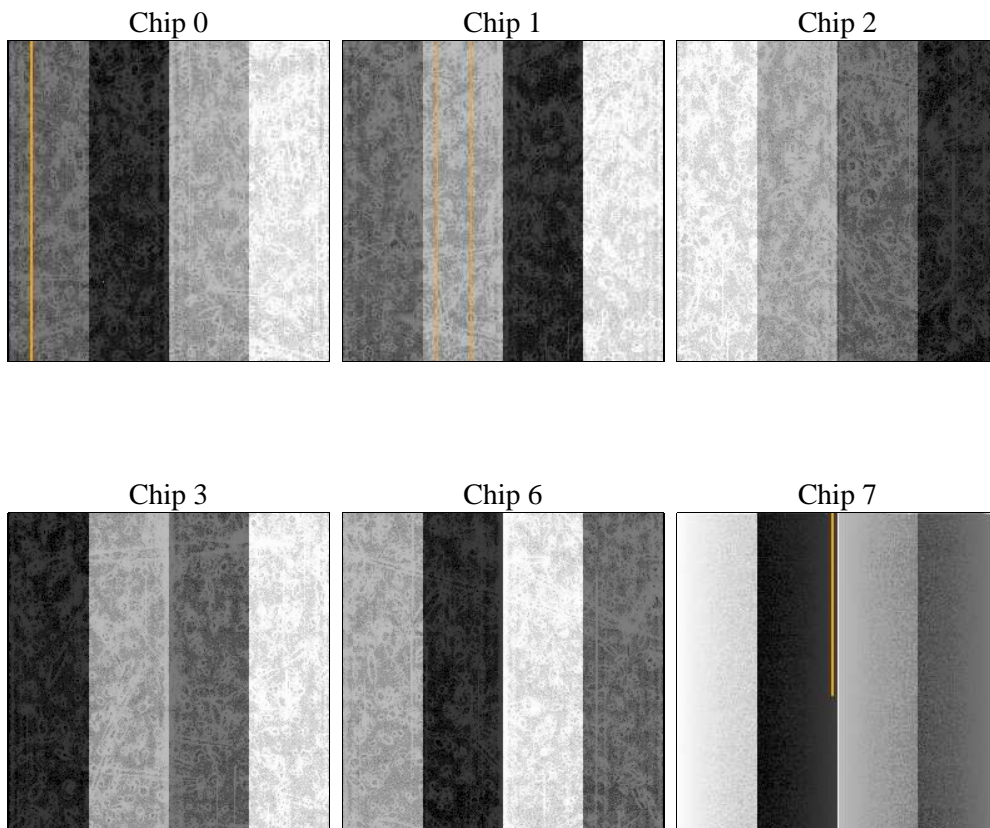
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	8191.999969542	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8191.9659017324	Sum of GTIs [s]
date	2012-04-15T17:10:55	Date and time of file creation	ontime1	8191.9248617291	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8191.8838217258	Sum of GTIs [s]
			ontime3	8191.999969542	Sum of GTIs [s]
			ontime6	8191.8427817225	Sum of GTIs [s]
			ontime7	8191.999969542	Sum of GTIs [s]
			l1events	1209182	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	195120	193674	196960	199561	206416	217451	grade 0 events	73062	73501	75161	75254	75961	35933
rejected events	62081	58775	62319	64898	66434	56322		37%	37%	38%	37%	36%	16%
rejected %	31%	30%	31%	32%	32%	25%	grade 1 events	450	419	523	496	403	172
								0%	0%	0%	0%	0%	0%
							grade 2 events	23619	24714	22982	23390	24539	35320
								12%	12%	11%	11%	11%	16%
							grade 3 events	8847	8719	9117	9037	8806	15734
								4%	4%	4%	4%	4%	7%
							grade 4 events	8686	8658	9202	9002	8985	15636
								4%	4%	4%	4%	4%	7%
							grade 5 events	3495	3510	3397	3975	3845	9331
								1%	1%	1%	1%	1%	4%
							grade 6 events	19903	20456	19341	19077	22894	59863
								10%	10%	9%	9%	11%	27%
							grade 7 events	57058	53697	57237	59330	60983	45462
								29%	27%	29%	29%	29%	20%

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	117.9919841608034	Alternating exposures requested	N	N
[deg] Pointing Dec	0	17.02769180153448	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	72.61428995836455			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	282868492.151653	282868491.12666			
Observation start date	2006-12-18T22:34:52	2006-12-18T22:34:51			
[s] Observation end time (MET)	282890956.052715	282890955.02773			
Observation end date	2006-12-19T04:49:16	2006-12-19T04:49:15			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.191999969542

A.2 Comments