

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61096 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 12 2012

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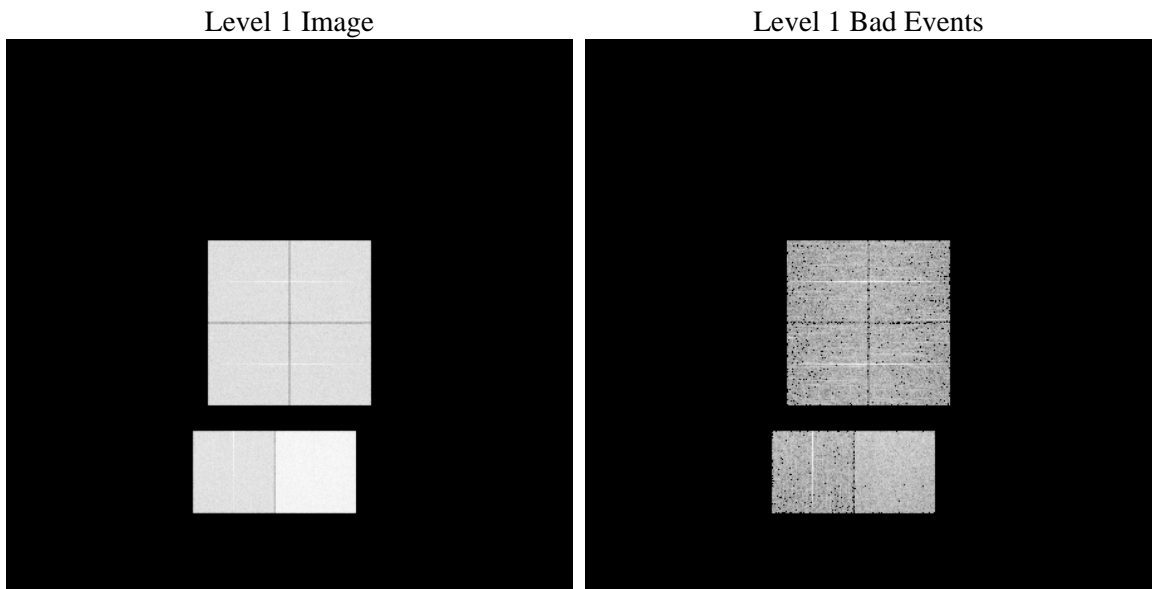
1 Front

seq_num	 	Sequence number
obs_id	61096	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	250.95374021948	Nominal RA [deg]
dec_nom	17.231665379457	Nominal Dec [deg]
roll_nom	244.3642879133	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7798.3999709487	Sum of GTIs [s]
livetime	7699.6519348838	Livetime [s]
ontime0	3661.9919818342	Sum of GTIs [s]
ontime1	3713.8890238106	Sum of GTIs [s]
ontime2	3500.0232681632	Sum of GTIs [s]
ontime3	3548.4745285511	Sum of GTIs [s]
ontime6	3843.6114182472	Sum of GTIs [s]
ontime7	7798.3999709487	Sum of GTIs [s]
l2events	1229111	Number of level 2 events

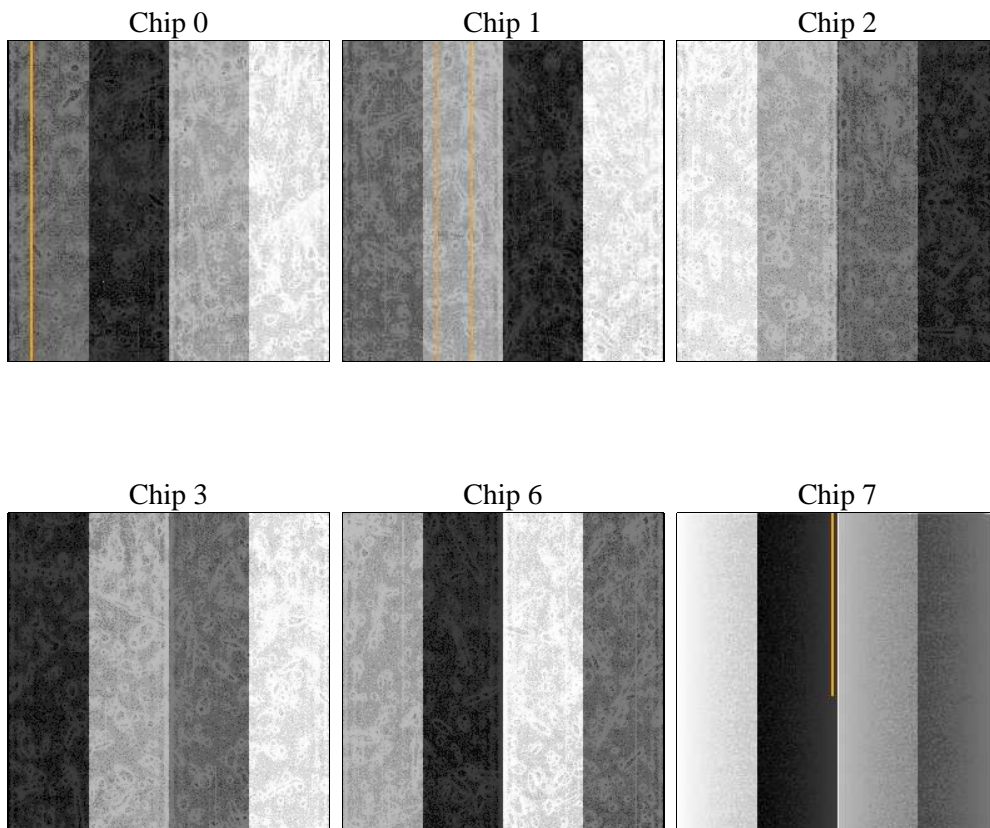
2 OBI

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	8.4.5	Processing system revision	ontime	7798.3999709487	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3661.9919818342	Sum of GTIs [s]
date	2012-10-12T09:27:03	Date and time of file creation	ontime1	3713.8890238106	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3500.0232681632	Sum of GTIs [s]
			ontime3	3548.4745285511	Sum of GTIs [s]
			ontime6	3843.6114182472	Sum of GTIs [s]
			ontime7	7798.3999709487	Sum of GTIs [s]
			l1events	1437389	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	198186	202410	193422	196475	218783	428113	grade 0 events	96808	98784	95698	97286	106003	99825
rejected events	22873	23098	23397	23231	24283	37518		48%	48%	49%	49%	48%	23%
rejected %	11%	11%	12%	11%	11%	8%	grade 1 events	522	453	549	537	501	245
								0%	0%	0%	0%	0%	0%
							grade 2 events	30605	31401	28629	29469	33458	86303
								15%	15%	14%	14%	15%	20%
							grade 3 events	11258	11332	11077	11247	11957	39767
								5%	5%	5%	5%	5%	9%
							grade 4 events	11245	11529	10991	11292	12153	39344
								5%	5%	5%	5%	5%	9%
							grade 5 events	1728	1788	1574	1701	1919	7545
								0%	0%	0%	0%	0%	1%
							grade 6 events	25397	26266	23630	23950	30929	125536
								12%	12%	12%	12%	14%	29%
							grade 7 events	20623	20857	21274	20993	21863	29548
								10%	10%	10%	10%	9%	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	250.9537402194751	Alternating exposures requested	N	N
[deg] Pointing Dec	0	17.23166537945675	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	244.3642879132964			
[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)	144837248.455632	144837247.43092			
Observation start date	2002-08-04T08:34:08	2002-08-04T08:34:07			
[s] Observation end time (MET)	144847781.356065	144847780.33135			
Observation end date	2002-08-04T11:29:41	2002-08-04T11:29:40			
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)	2012.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7983999709487

A.2 Comments