

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61344 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 1 2012

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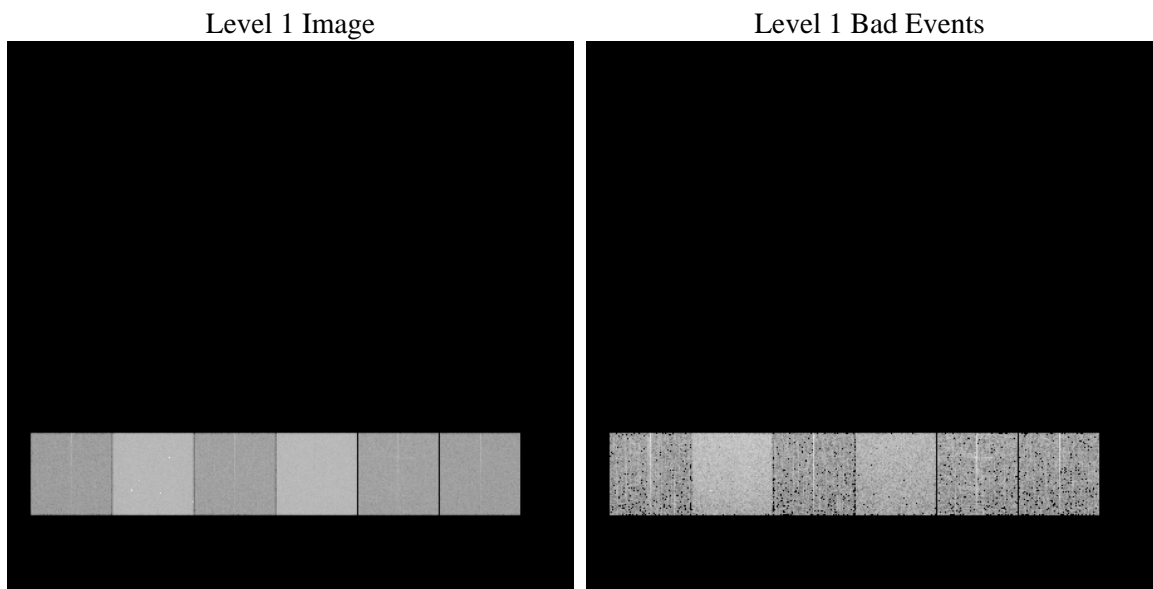
1 Front

seq_num	 	Sequence number
obs_id	61344	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	177.99708426203	Nominal RA [deg]
dec_nom	-5.971550082065	Nominal Dec [deg]
roll_nom	62.881852716137	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6342.1798811704	Sum of GTIs [s]
livetime	6261.8713807128	Livetime [s]
ontime4	2414.1002724916	Sum of GTIs [s]
ontime5	6786.1911682636	Sum of GTIs [s]
ontime6	2612.0097897798	Sum of GTIs [s]
ontime7	6342.1798811704	Sum of GTIs [s]
ontime8	2686.3473426849	Sum of GTIs [s]
ontime9	2501.6913499236	Sum of GTIs [s]
l2events	1210447	Number of level 2 events

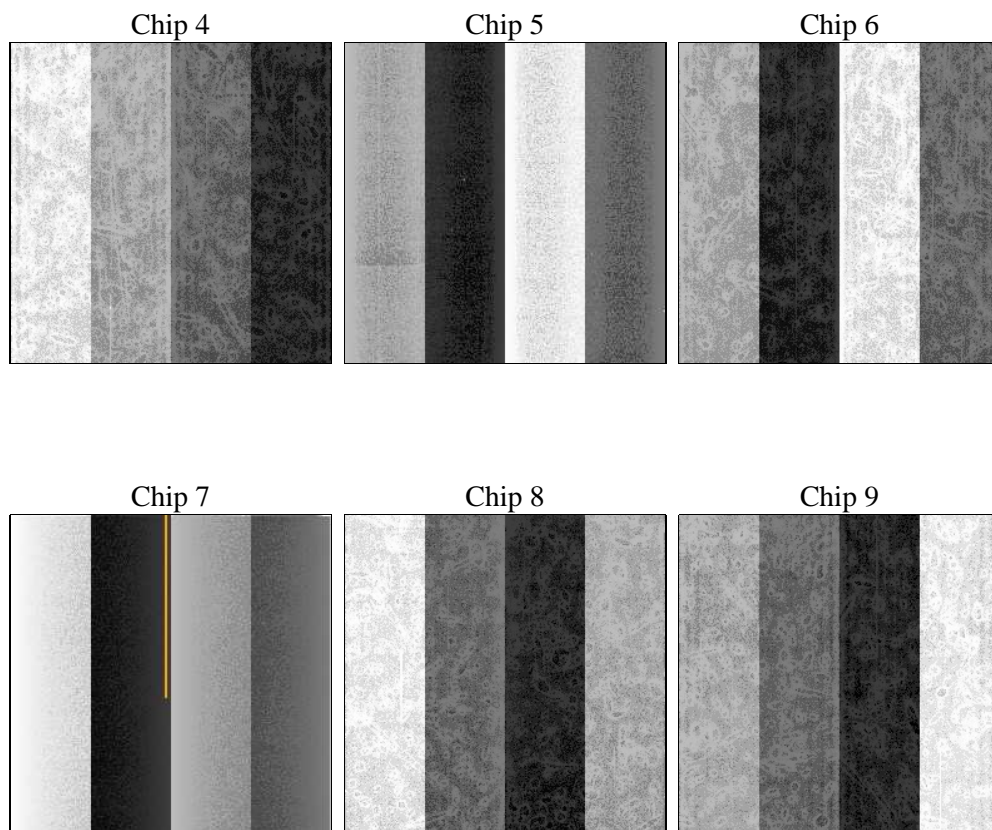
2 OBI

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	6342.1798811704	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	2414.1002724916	Sum of GTIs [s]
date	2012-10-01T05:05:40	Date and time of file creation	ontime5	6786.1911682636	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2612.0097897798	Sum of GTIs [s]
			ontime7	6342.1798811704	Sum of GTIs [s]
			ontime8	2686.3473426849	Sum of GTIs [s]
			ontime9	2501.6913499236	Sum of GTIs [s]
			l1events	1422422	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	148614	382319	168986	390978	174905	156620	grade 0 events	72402	83775	81918	92177	84575	75845
rejected events	20579	45793	19177	32153	21479	18620		48%	21%	48%	23%	48%	48%
rejected %	13%	11%	11%	8%	12%	11%	grade 1 events	371	275	367	220	370	392
								0%	0%	0%	0%	0%	0%
							grade 2 events	22563	118027	25828	79977	27209	24365
								15%	30%	15%	20%	15%	15%
							grade 3 events	7895	21914	9337	36559	9582	8491
								5%	5%	5%	9%	5%	5%
							grade 4 events	7888	21659	9270	36297	9655	8690
								5%	5%	5%	9%	5%	5%
							grade 5 events	1261	8742	1500	6752	1583	1405
								0%	2%	0%	1%	0%	0%
							grade 6 events	17287	91151	23456	113815	22405	20609
								11%	23%	13%	29%	12%	13%
							grade 7 events	18947	36776	17310	25181	19526	16823
								12%	9%	10%	6%	11%	10%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	177.9970842620258	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-5.971550082065015	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	62.88185271613652			
[mm] SIM focus pos	-0.684267	-1.428180813131781			
[mm] SIM defocus	0	0.1051558262725154			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	127928179.211	127928178.44261			
Observation start date	2002-01-20T15:36:19	2002-01-20T15:36:18			
[s] Observation end time (MET)	127939261.512	127939260.74306			
Observation end date	2002-01-20T18:41:02	2002-01-20T18:41:00			
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)	2012.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.3421798811704

A.2 Comments