

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 54626 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 11 2012

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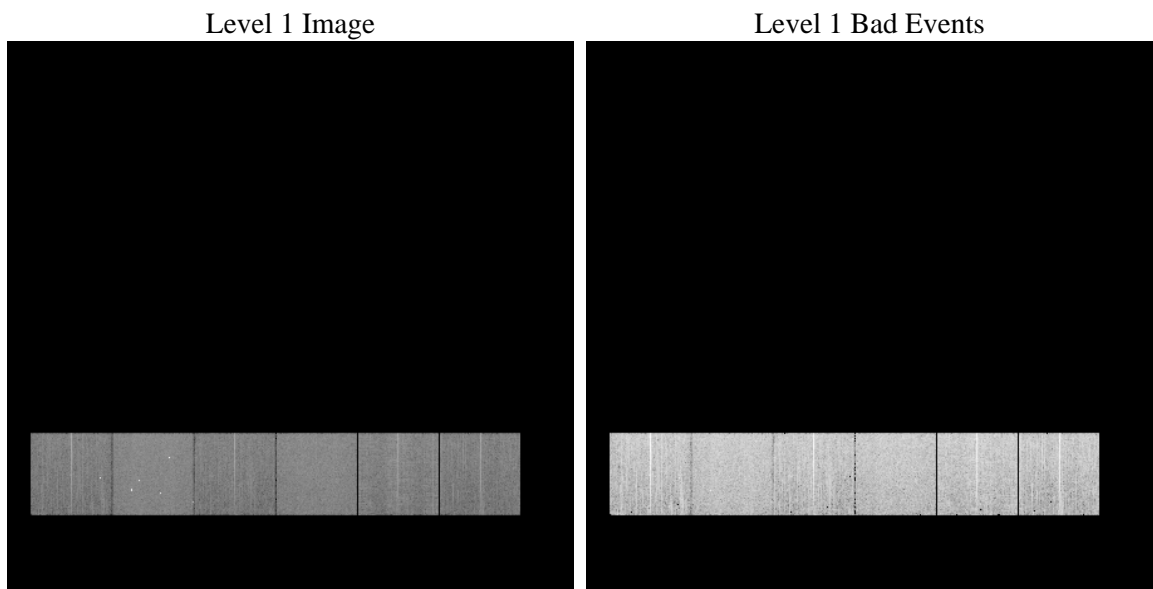
1 Front

seq_num	 	Sequence number
obs_id	54626	Observation id
title	ACIS-456789 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	195.01597508991	Nominal RA [deg]
dec_nom	-20.024433942933	Nominal Dec [deg]
roll_nom	268.59921252007	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8277.908806622	Sum of GTIs [s]
livetime	8173.0889409543	Livetime [s]
ontime4	8277.7856866121	Sum of GTIs [s]
ontime5	8277.8677666187	Sum of GTIs [s]
ontime6	8277.8267266154	Sum of GTIs [s]
ontime7	8277.908806622	Sum of GTIs [s]
ontime8	8277.7446466088	Sum of GTIs [s]
ontime9	8277.9498466253	Sum of GTIs [s]
l2events	288327	Number of level 2 events

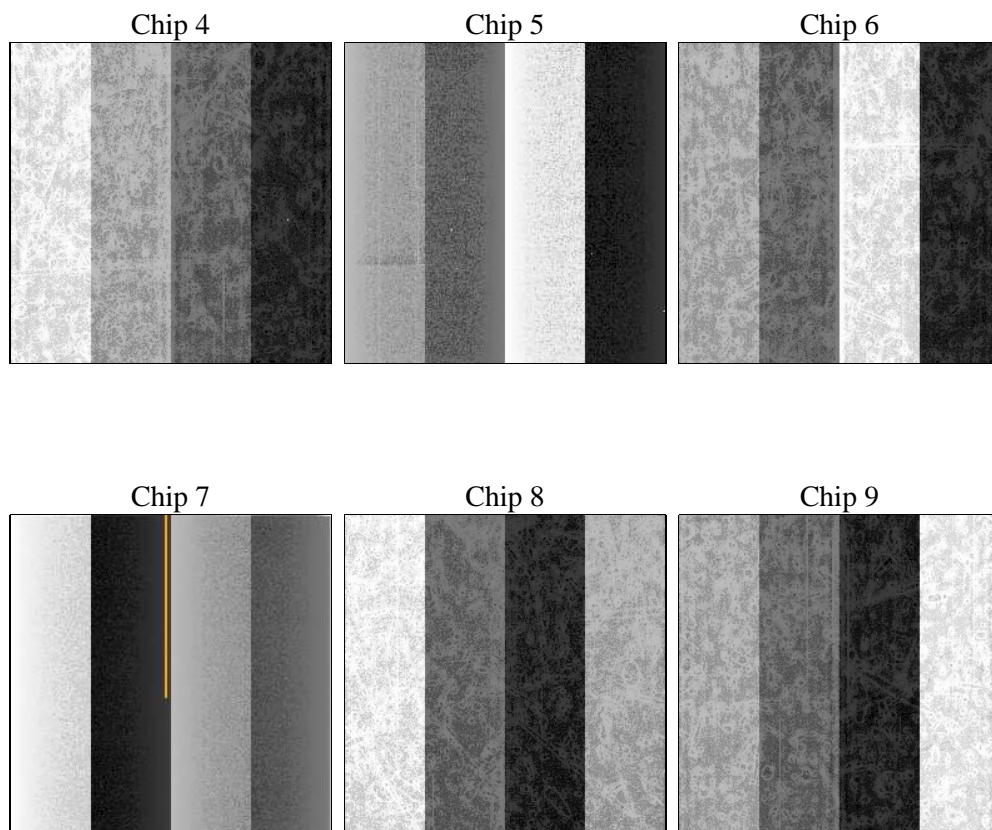
2 OBI

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	8.4.4	Processing system revision	ontime	8277.908806622	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8277.7856866121	Sum of GTIs [s]
date	2012-05-11T16:12:05	Date and time of file creation	ontime5	8277.8677666187	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8277.8267266154	Sum of GTIs [s]
			ontime7	8277.908806622	Sum of GTIs [s]
			ontime8	8277.7446466088	Sum of GTIs [s]
			ontime9	8277.9498466253	Sum of GTIs [s]
			l1events	680508	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	101273	136613	99436	126994	117182	99010	grade 0 events	24331	12437	21628	11049	24887	21489
rejected events	59609	59081	57301	58294	63703	57961		24%	9%	21%	8%	21%	21%
rejected %	58%	43%	57%	45%	54%	58%	grade 1 events	187	193	123	108	139	115
								0%	0%	0%	0%	0%	0%
							grade 2 events	6405	27030	8005	15238	10335	7262
								6%	19%	8%	11%	8%	7%
							grade 3 events	2893	2704	2729	5937	4109	2767
								2%	1%	2%	4%	3%	2%
							grade 4 events	2780	2658	2758	5932	3931	2811
								2%	1%	2%	4%	3%	2%
							grade 5 events	3416	7128	3590	8767	4879	3983
								3%	5%	3%	6%	4%	4%
							grade 6 events	5276	32728	7033	30575	10231	6735
								5%	23%	7%	24%	8%	6%
							grade 7 events	55985	51735	53570	49388	58671	53848
								55%	37%	53%	38%	50%	54%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	195.0159750899077	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-20.02443394293293	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	268.5992125200735	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	453052849.168913	453052848.14391			
Observation start date	2012-05-10T16:00:49	2012-05-10T16:00:48			
[s] Observation end time (MET)	453062719.919438	453062718.89444			
Observation end date	2012-05-10T18:45:20	2012-05-10T18:45:18			
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)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.277908806622

A.2 Comments