

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 55830 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 7 2012

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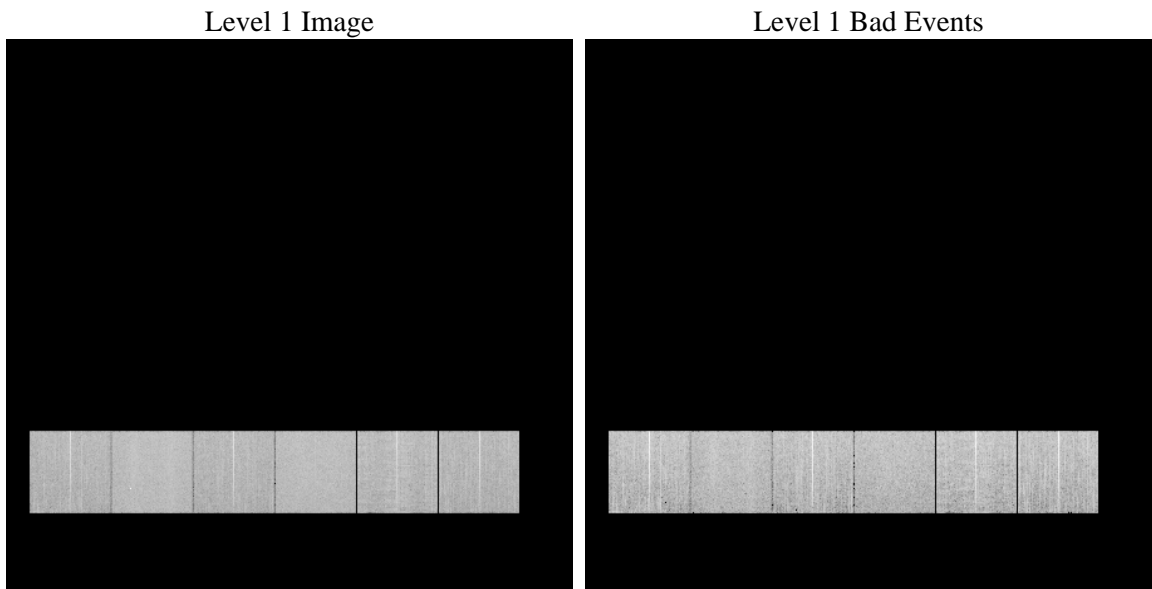
1 Front

seq_num	 	Sequence number
obs_id	55830	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	56.028524807035	Nominal RA [deg]
dec_nom	0.0032437089637043	Nominal Dec [deg]
roll_nom	333.62284217652	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8274.6933213472	Sum of GTIs [s]
livetime	8169.9141720902	Livetime [s]
ontime4	8274.5702013373	Sum of GTIs [s]
ontime5	8274.6522813439	Sum of GTIs [s]
ontime6	8274.6112413406	Sum of GTIs [s]
ontime7	8274.6933213472	Sum of GTIs [s]
ontime8	8274.529161334	Sum of GTIs [s]
ontime9	8274.7343613505	Sum of GTIs [s]
l2events	375090	Number of level 2 events

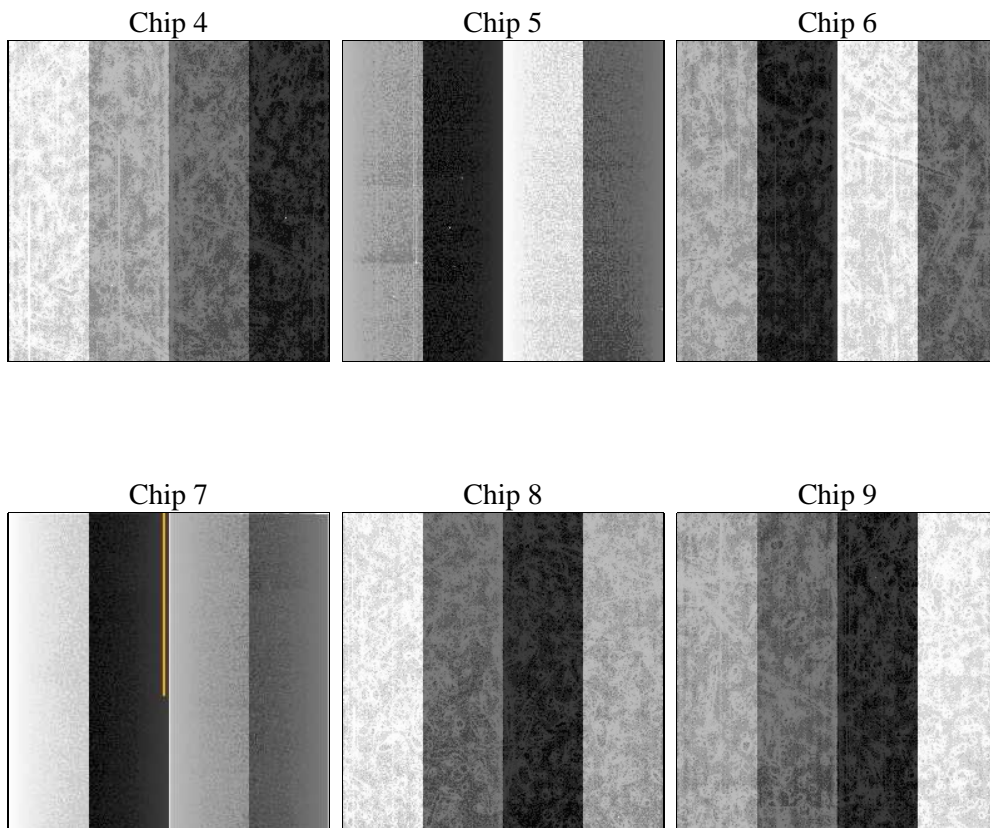
2 OBI

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	8274.6933213472	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	8274.5702013373	Sum of GTIs [s]
date	2012-07-07T18:31:14	Date and time of file creation	ontime5	8274.6522813439	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8274.6112413406	Sum of GTIs [s]
			ontime7	8274.6933213472	Sum of GTIs [s]
			ontime8	8274.529161334	Sum of GTIs [s]
			ontime9	8274.7343613505	Sum of GTIs [s]
			l1events	835675	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	126841	157871	126987	153063	143281	127632	grade 0 events	30299	8570	26468	14054	32374	28402
rejected events	74190	68981	71492	65598	75521	72961		23%	5%	20%	9%	22%	22%
rejected %	58%	43%	56%	42%	52%	57%	grade 1 events	278	219	139	122	195	200
								0%	0%	0%	0%	0%	0%
							grade 2 events	7885	32915	12516	19490	13371	10141
								6%	20%	9%	12%	9%	7%
							grade 3 events	3787	3071	3278	7312	4931	3573
								2%	1%	2%	4%	3%	2%
							grade 4 events	3806	2991	3316	7227	4761	3594
								3%	1%	2%	4%	3%	2%
							grade 5 events	3697	7607	3631	9298	5050	4312
								2%	4%	2%	6%	3%	3%
							grade 6 events	6892	41383	9932	39422	12344	8989
								5%	26%	7%	25%	8%	7%
							grade 7 events	70197	61115	67707	56138	70255	68421
								55%	38%	53%	36%	49%	53%

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	56.0285248070353	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	0.003243708963704296	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	333.6228421765201	[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)	407618662.525495	407618661.50048			
Observation start date	2010-12-01T19:24:23	2010-12-01T19:24:21			
[s] Observation end time (MET)	407628662.42601	407628661.401			
Observation end date	2010-12-01T22:11:02	2010-12-01T22:11:01			
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)	2012.07.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2746933213472

A.2 Comments