

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 55943 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 5 2012

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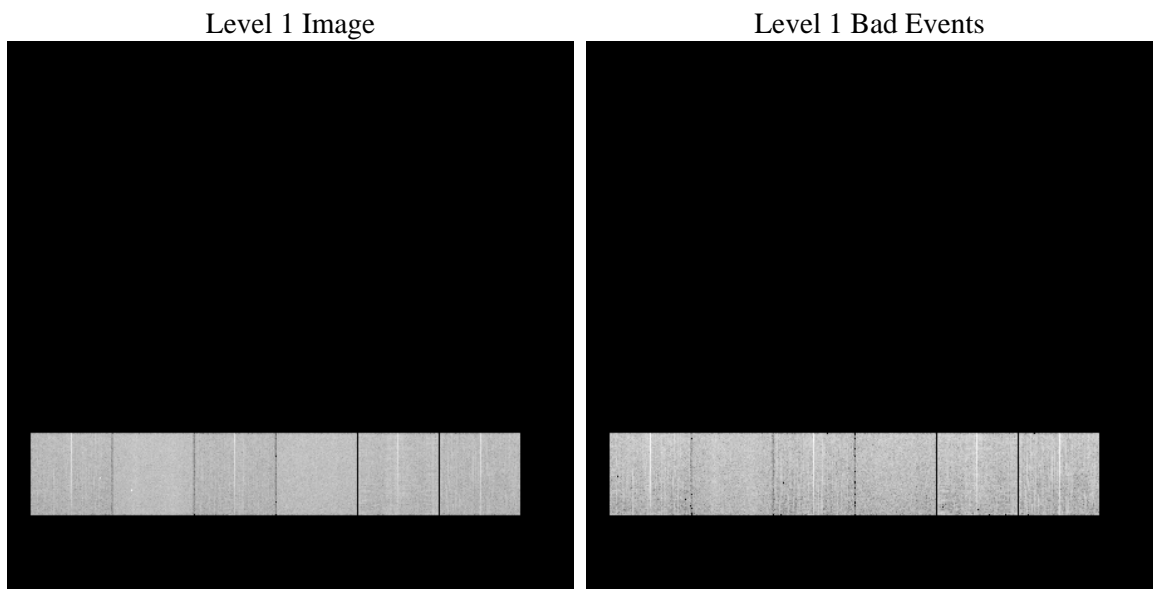
1 Front

seq_num	 	Sequence number
obs_id	55943	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	14.529080933033	Nominal RA [deg]
dec_nom	-9.3994827270811	Nominal Dec [deg]
roll_nom	328.14407195979	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6982.3999740481	Sum of GTIs [s]
livetime	6893.9846212802	Livetime [s]
ontime4	6982.3999740481	Sum of GTIs [s]
ontime5	6982.3999740481	Sum of GTIs [s]
ontime6	6982.3999740481	Sum of GTIs [s]
ontime7	6982.3999740481	Sum of GTIs [s]
ontime8	6982.3999740481	Sum of GTIs [s]
ontime9	6982.3999740481	Sum of GTIs [s]
l2events	324531	Number of level 2 events

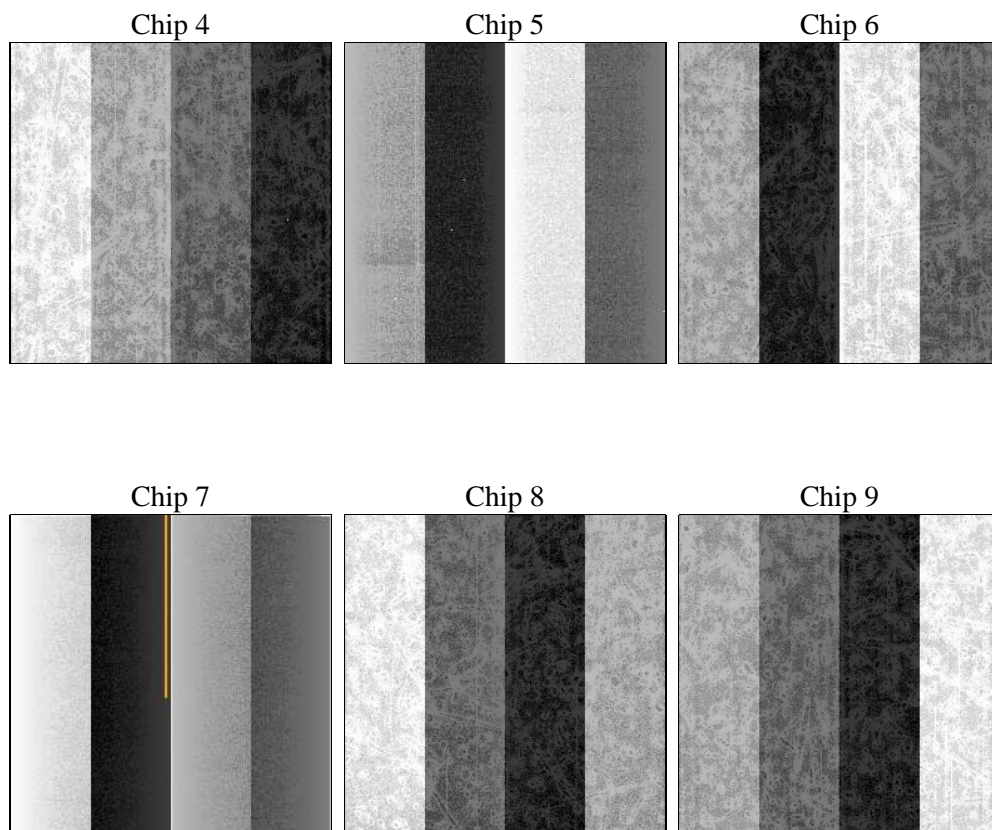
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	6982.3999740481	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	6982.3999740481	Sum of GTIs [s]
date	2012-07-05T09:06:59	Date and time of file creation	ontime5	6982.3999740481	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6982.3999740481	Sum of GTIs [s]
			ontime7	6982.3999740481	Sum of GTIs [s]
			ontime8	6982.3999740481	Sum of GTIs [s]
			ontime9	6982.3999740481	Sum of GTIs [s]
			l1events	702925	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	107063	132974	105282	128931	120408	108267	grade 0 events	26210	7904	24473	12649	28844	25405
rejected events	60823	57143	56466	54062	61223	60366		24%	5%	23%	9%	23%	23%
rejected %	56%	42%	53%	41%	50%	55%	grade 1 events	241	172	134	110	172	175
								0%	0%	0%	0%	0%	0%
							grade 2 events	7094	28477	9674	16457	11068	8520
								6%	21%	9%	12%	9%	7%
							grade 3 events	3416	2745	3062	6469	4392	3272
								3%	2%	2%	5%	3%	3%
							grade 4 events	3436	2547	3068	6475	4236	3078
								3%	1%	2%	5%	3%	2%
							grade 5 events	3210	6542	3133	8235	4262	3575
								2%	4%	2%	6%	3%	3%
							grade 6 events	6111	34179	8561	32851	10668	7649
								5%	25%	8%	25%	8%	7%
							grade 7 events	57345	50408	53177	45685	56766	56593
								53%	37%	50%	35%	47%	52%

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	14.52908093303261	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-9.39948272708112	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	328.1440719597941	[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)	404190633.898921	404190632.87392			
Observation start date	2010-10-23T03:10:34	2010-10-23T03:10:32			
[s] Observation end time (MET)	404199520.649378	404199519.62437			
Observation end date	2010-10-23T05:38:41	2010-10-23T05:38:39			
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)	2012.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.9823999740481

A.2 Comments