

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55036 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 27 2012

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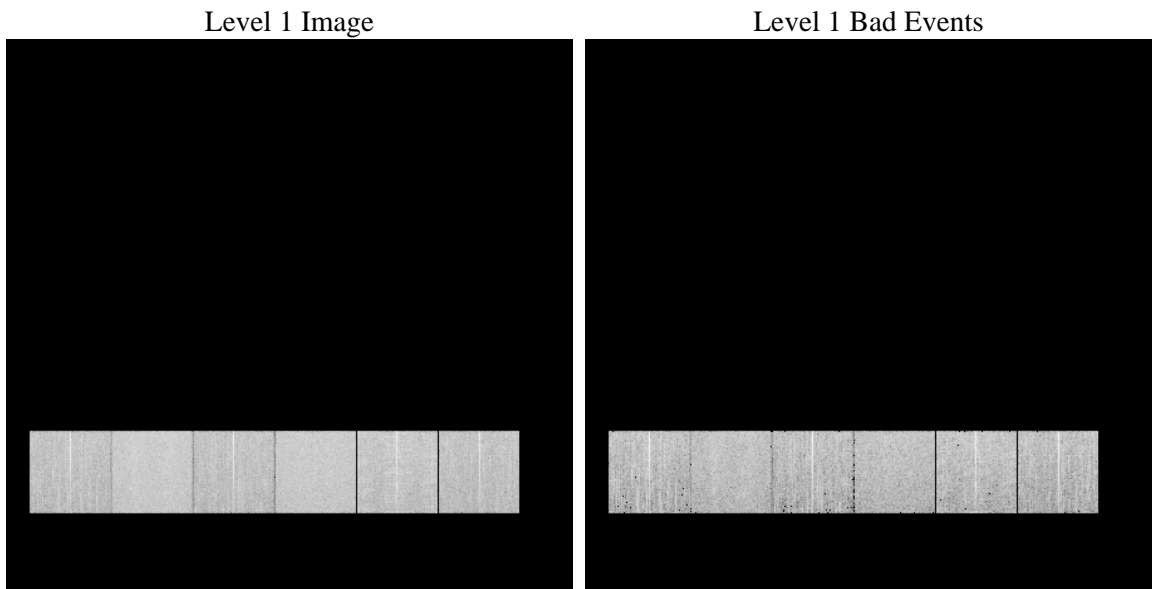
1 Front

seq_num	 	Sequence number
obs_id	55036	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	52.027195243534	Nominal RA [deg]
dec_nom	-9.9899199315818	Nominal Dec [deg]
roll_nom	347.7637397831	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6476.7999759316	Sum of GTIs [s]
livetime	6394.7868347757	Livetime [s]
ontime4	6476.7305654883	Sum of GTIs [s]
ontime5	6476.7999759316	Sum of GTIs [s]
ontime6	6476.7716054916	Sum of GTIs [s]
ontime7	6476.7999759316	Sum of GTIs [s]
ontime8	6476.689525485	Sum of GTIs [s]
ontime9	6476.7999759316	Sum of GTIs [s]
l2events	240598	Number of level 2 events

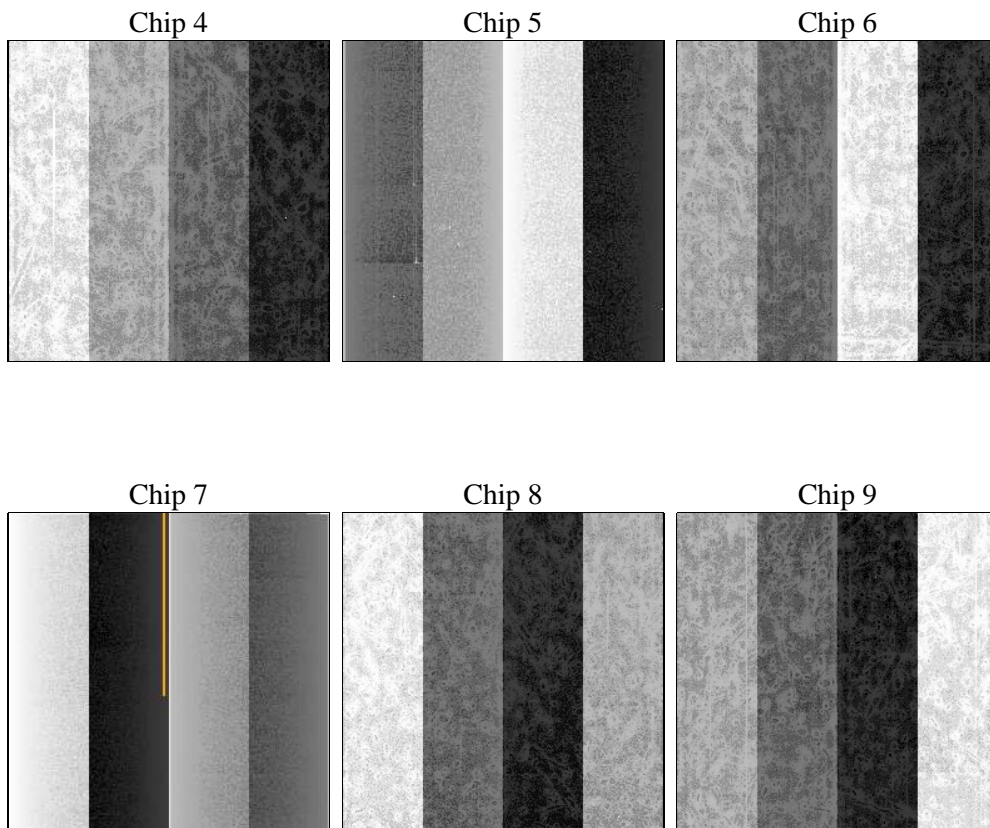
2 OBI

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	8.4.3	Processing system revision	ontime	6476.7999759316	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	6476.7305654883	Sum of GTIs [s]
date	2012-02-27T12:48:02	Date and time of file creation	ontime5	6476.7999759316	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6476.7716054916	Sum of GTIs [s]
			ontime7	6476.7999759316	Sum of GTIs [s]
			ontime8	6476.689525485	Sum of GTIs [s]
			ontime9	6476.7999759316	Sum of GTIs [s]
			l1events	544326	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	82074	106387	80221	102253	93988	79403	grade 0 events	19266	5412	17380	8878	20855	17935
rejected events	48589	47743	44940	45671	50118	45032		23%	5%	21%	8%	22%	22%
rejected %	59%	44%	56%	44%	53%	56%	grade 1 events	169	136	82	70	117	119
								0%	0%	0%	0%	0%	0%
							grade 2 events	5067	21899	7345	12394	8660	6146
								6%	20%	9%	12%	9%	7%
							grade 3 events	2431	1960	2228	4885	3192	2365
								2%	1%	2%	4%	3%	2%
							grade 4 events	2355	1787	2154	4713	3026	2322
								2%	1%	2%	4%	3%	2%
							grade 5 events	2644	5324	2597	6702	3526	2959
								3%	5%	3%	6%	3%	3%
							grade 6 events	4380	27624	6196	25752	8170	5617
								5%	25%	7%	25%	8%	7%
							grade 7 events	45762	42245	42239	38859	46442	41940
								55%	39%	52%	38%	49%	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	52.02719524353409	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-9.989919931581763	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	347.7637397831014	[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)	438460673.696608	438460672.67157			
Observation start date	2011-11-23T18:37:54	2011-11-23T18:37:52			
[s] Observation end time (MET)	438469049.997013	438469048.97201			
Observation end date	2011-11-23T20:57:30	2011-11-23T20:57:28			
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)	2012.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.4767999759316

A.2 Comments