

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 55306 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 18 2012

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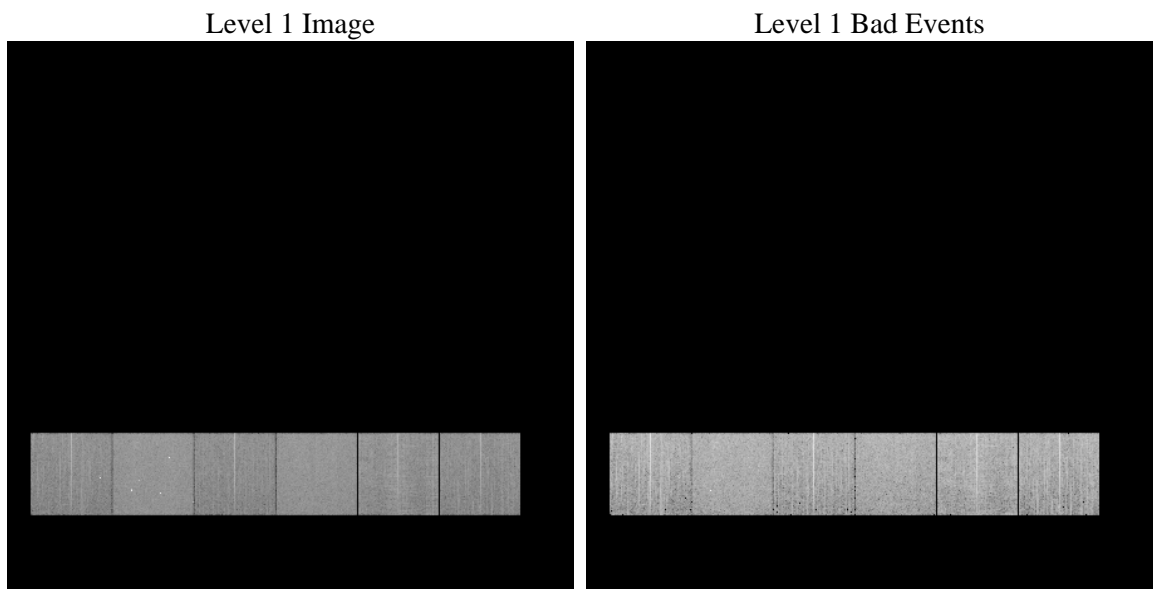
1 Front

seq_num	 	Sequence number
obs_id	55306	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	261.99658575356	Nominal RA [deg]
dec_nom	-8.0285332585066	Nominal Dec [deg]
roll_nom	230.43634905015	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8185.5999695659	Sum of GTIs [s]
livetime	8081.9489739747	Livetime [s]
ontime4	8185.5999695659	Sum of GTIs [s]
ontime5	8185.5999695659	Sum of GTIs [s]
ontime6	8185.5999695659	Sum of GTIs [s]
ontime7	8185.5999695659	Sum of GTIs [s]
ontime8	8185.5999695659	Sum of GTIs [s]
ontime9	8185.5999695659	Sum of GTIs [s]
l2events	331944	Number of level 2 events

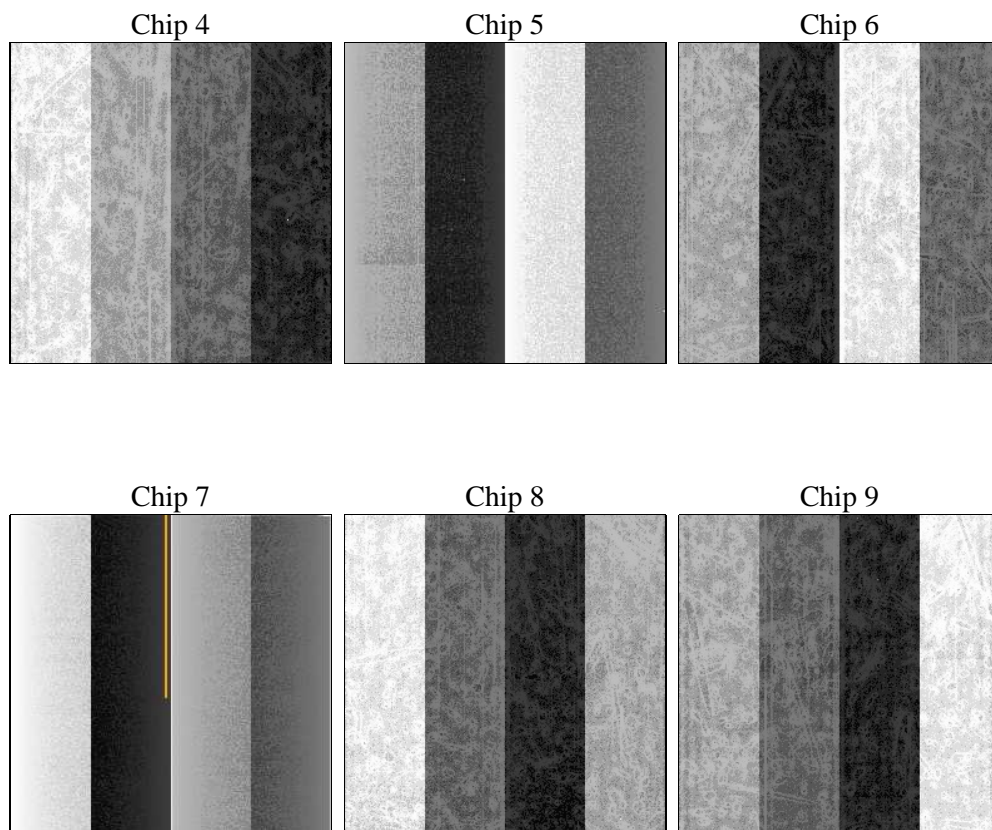
2 OBI

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	8.4.3	Processing system revision	ontime	8185.5999695659	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	8185.5999695659	Sum of GTIs [s]
date	2012-03-18T19:09:46	Date and time of file creation	ontime5	8185.5999695659	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8185.5999695659	Sum of GTIs [s]
			ontime7	8185.5999695659	Sum of GTIs [s]
			ontime8	8185.5999695659	Sum of GTIs [s]
			ontime9	8185.5999695659	Sum of GTIs [s]
			l1events	726657	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	108435	142251	106289	135287	124782	109613	grade 0 events	28434	12195	25895	13229	29397	25969
rejected events	59463	60794	56678	58373	64194	60751		26%	8%	24%	9%	23%	23%
rejected %	54%	42%	53%	43%	51%	55%	grade 1 events	233	164	132	110	181	154
								0%	0%	0%	0%	0%	0%
							grade 2 events	7751	28917	9128	16942	11773	8868
								7%	20%	8%	12%	9%	8%
							grade 3 events	3435	3434	3376	7044	4557	3356
								3%	2%	3%	5%	3%	3%
							grade 4 events	3390	3164	3373	6985	4549	3308
								3%	2%	3%	5%	3%	3%
							grade 5 events	3469	7722	3686	8934	4738	4030
								3%	5%	3%	6%	3%	3%
							grade 6 events	6517	34783	8460	33634	11094	7961
								6%	24%	7%	24%	8%	7%
							grade 7 events	55206	51872	52239	48409	58493	55967
								50%	36%	49%	35%	46%	51%

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	261.9965857535627	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-8.028533258506616	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	230.4363490501499	[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)	426123484.584423	426123483.5594			
Observation start date	2011-07-03T23:38:05	2011-07-03T23:38:03			
[s] Observation end time (MET)	426133484.484945	426133483.45992			
Observation end date	2011-07-04T02:24:44	2011-07-04T02:24:43			
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)	2012.03.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1855999695659

A.2 Comments