

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57530 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 23 2012

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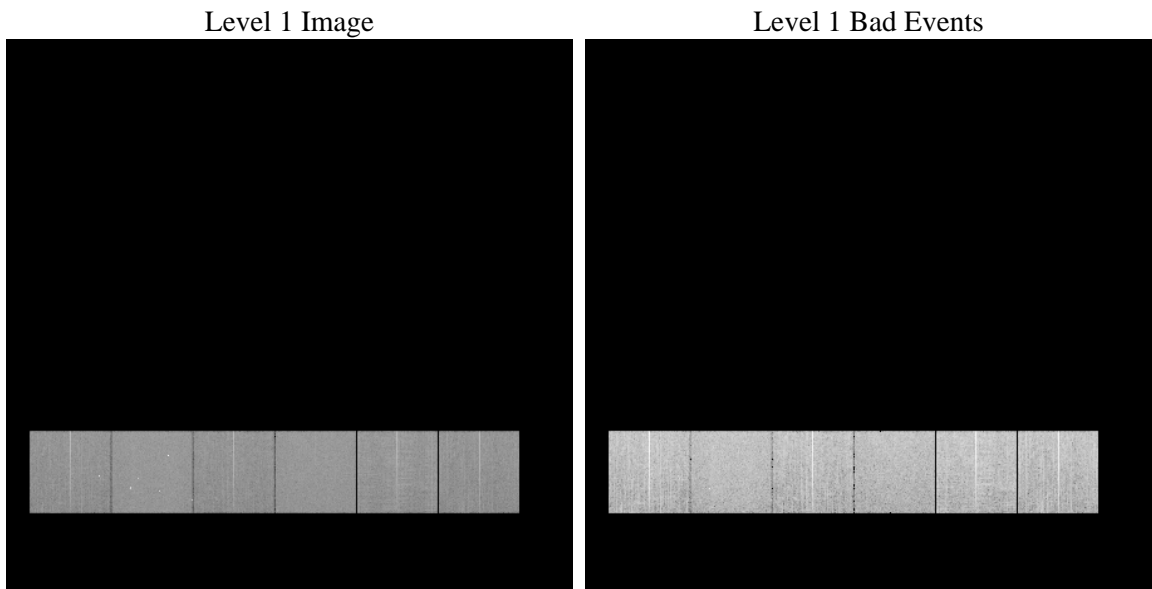
1 Front

seq_num	 	Sequence number
obs_id	57530	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	22.989157788703	Nominal RA [deg]
dec_nom	34.97068909494	Nominal Dec [deg]
roll_nom	218.29908566728	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime4	8271.999969244	Sum of GTIs [s]
ontime5	8271.999969244	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
ontime8	8271.999969244	Sum of GTIs [s]
ontime9	8271.999969244	Sum of GTIs [s]
l2events	573624	Number of level 2 events

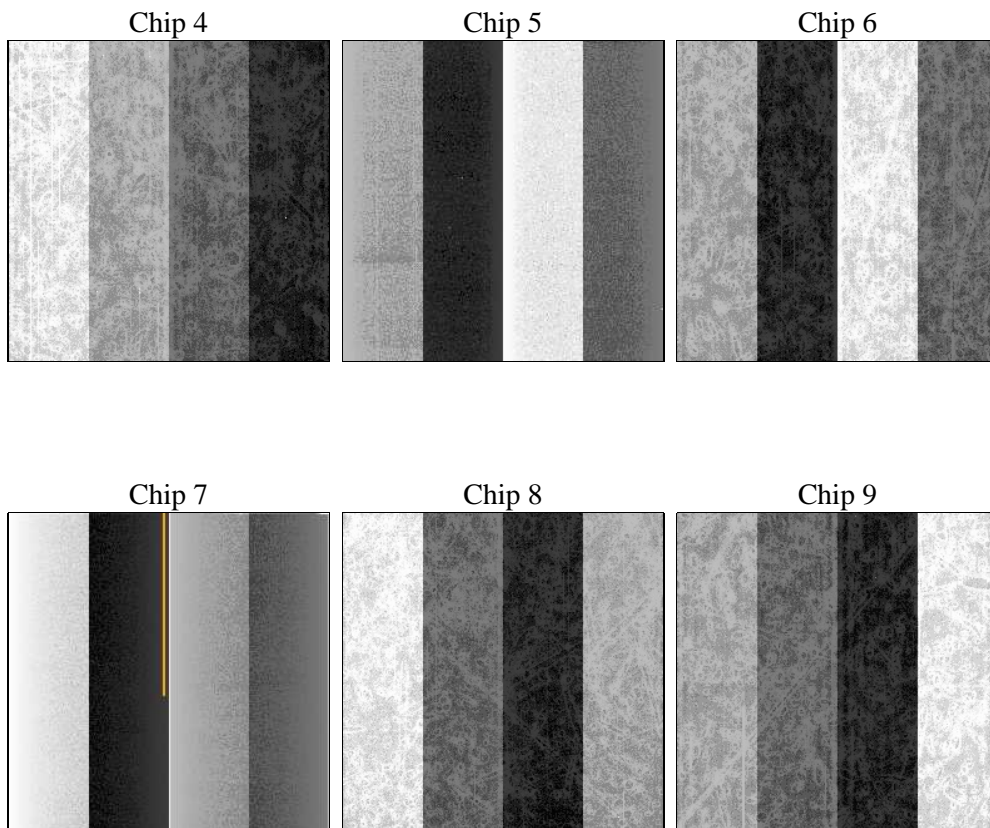
2 OBI

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	8271.999969244	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8271.999969244	Sum of GTIs [s]
date	2012-05-23T12:57:37	Date and time of file creation	ontime5	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			ontime8	8271.999969244	Sum of GTIs [s]
			ontime9	8271.999969244	Sum of GTIs [s]
			l1events	1077735	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	167553	197167	166137	191023	188818	167037	grade 0 events	49824	21457	48588	23834	52080	47528
rejected events	80183	71733	73967	66426	84447	78237		29%	10%	29%	12%	27%	28%
rejected %	47%	36%	44%	34%	44%	46%	grade 1 events	502	205	321	121	350	399
								0%	0%	0%	0%	0%	0%
							grade 2 events	14072	44103	16503	27239	19432	15454
								8%	22%	9%	14%	10%	9%
							grade 3 events	6061	6079	5955	11708	7441	5890
								3%	3%	3%	6%	3%	3%
							grade 4 events	6129	5837	5878	11450	7374	5903
								3%	2%	3%	5%	3%	3%
							grade 5 events	4101	9902	4450	11043	5764	4787
								2%	5%	2%	5%	3%	2%
							grade 6 events	11314	48015	15285	50415	18083	14060
								6%	24%	9%	26%	9%	8%
							grade 7 events	75550	61569	69157	55213	78294	73016
								45%	31%	41%	28%	41%	43%

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	22.98915778870304	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	34.9706890949404	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	218.2990856672752	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	342040083.770043	342040082.74504			
Observation start date	2008-11-02T19:08:04	2008-11-02T19:08:02			
[s] Observation end time (MET)	342063632.121206	342063631.0962			
Observation end date	2008-11-03T01:40:32	2008-11-03T01:40:31			
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)	2012.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments