

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54986 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 28 2012

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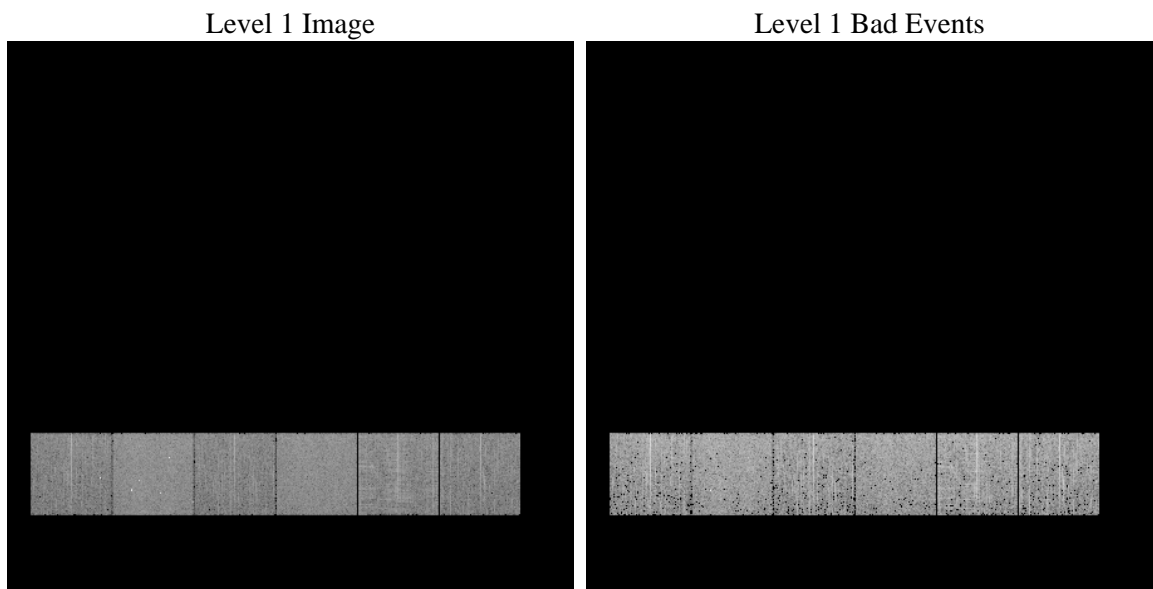
1 Front

seq_num	 	Sequence number
obs_id	54986	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	162.0495836581	Nominal RA [deg]
dec_nom	-11.331650627353	Nominal Dec [deg]
roll_nom	65.46670019919	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3148.7999883294	Sum of GTIs [s]
livetime	3108.9279868975	Livetime [s]
ontime4	3148.7999883294	Sum of GTIs [s]
ontime5	3148.7999883294	Sum of GTIs [s]
ontime6	3148.7999883294	Sum of GTIs [s]
ontime7	3148.7999883294	Sum of GTIs [s]
ontime8	3148.7999883294	Sum of GTIs [s]
ontime9	3148.7999883294	Sum of GTIs [s]
l2events	122566	Number of level 2 events

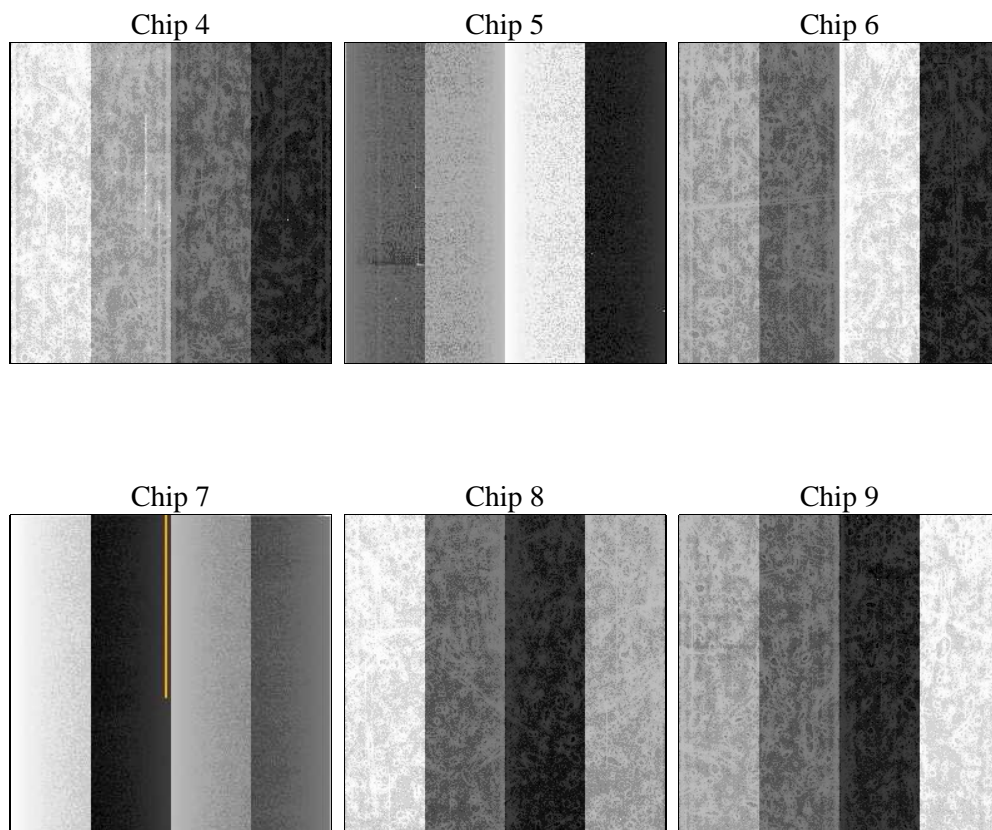
2 OBI

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	3148.7999883294	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	3148.7999883294	Sum of GTIs [s]
date	2012-02-28T17:32:55	Date and time of file creation	ontime5	3148.7999883294	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3148.7999883294	Sum of GTIs [s]
			ontime7	3148.7999883294	Sum of GTIs [s]
			ontime8	3148.7999883294	Sum of GTIs [s]
			ontime9	3148.7999883294	Sum of GTIs [s]
			l1events	290067	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	42127	58101	41651	53910	51469	42809	grade 0 events	10313	4969	9526	5073	11182	9428
rejected events	24776	26392	23797	24745	28497	25510		24%	8%	22%	9%	21%	22%
rejected %	58%	45%	57%	45%	55%	59%	grade 1 events	92	234	57	44	76	57
								0%	0%	0%	0%	0%	0%
							grade 2 events	2855	11224	3434	6552	4593	3289
								6%	19%	8%	12%	8%	7%
							grade 3 events	1255	1298	1240	2829	1948	1231
								2%	2%	2%	5%	3%	2%
							grade 4 events	1353	1346	1229	2692	1880	1199
								3%	2%	2%	4%	3%	2%
							grade 5 events	1492	3312	1528	3780	1978	1770
								3%	5%	3%	7%	3%	4%
							grade 6 events	2339	14262	3212	13281	4423	2909
								5%	24%	7%	24%	8%	6%
							grade 7 events	22428	21456	21425	19659	25389	22926
								53%	36%	51%	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	OVERRIDE	OVERRIDE
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	162.0495836581034	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-11.33165062735303	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	65.46670019919006	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-1.4281808131	-1.4281808131			
[mm] SIM defocus	0.1051557500557434	0.1051557500557434			
SIM translation stage pos (mm)	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	440262480.291557	440262480.291557			
Observation start date	2011-12-14T15:08:00	2011-12-14T15:08:00			
[s] Observation end time (MET)	440267540.619204	440267540.619204			
Observation end date	2011-12-14T16:32:21	2011-12-14T16:32:20			
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)	2012.02.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1487999883294

A.2 Comments