

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56444 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 21 2012

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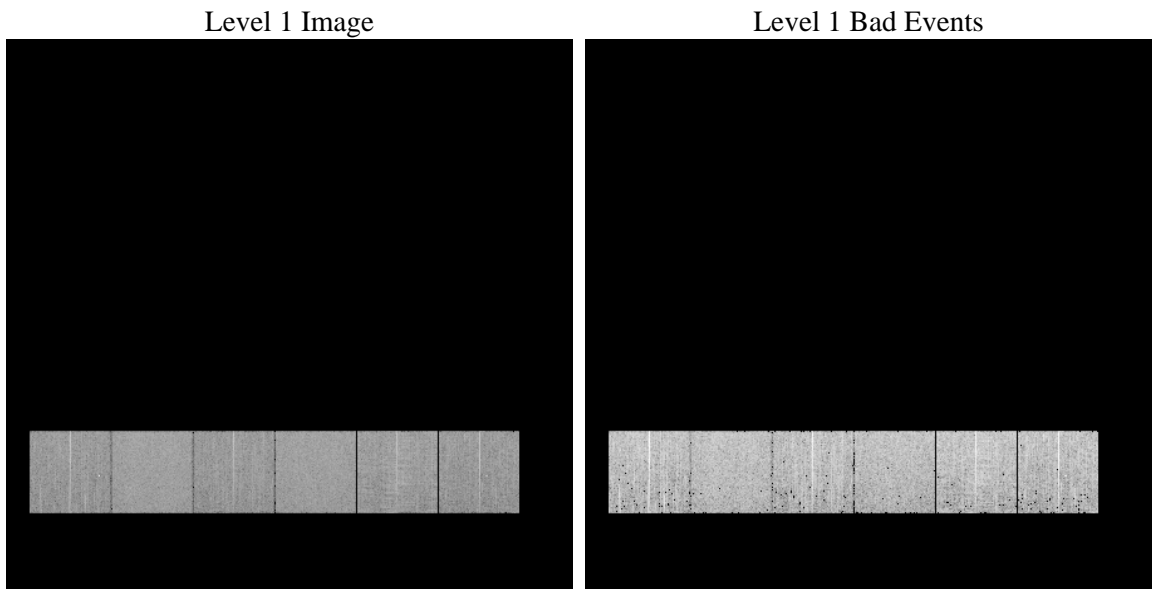
1 Front

seq_num	 	Sequence number
obs_id	56444	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	165.66624210301	Nominal RA [deg]
dec_nom	32.003557889542	Nominal Dec [deg]
roll_nom	139.92495412668	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3740.7362738252	Sum of GTIs [s]
livetime	3693.368818725	Livetime [s]
ontime4	3740.6131538153	Sum of GTIs [s]
ontime5	3740.6952338219	Sum of GTIs [s]
ontime6	3740.6541938186	Sum of GTIs [s]
ontime7	3740.7362738252	Sum of GTIs [s]
ontime8	3740.572113812	Sum of GTIs [s]
ontime9	3740.7773138285	Sum of GTIs [s]
l2events	203842	Number of level 2 events

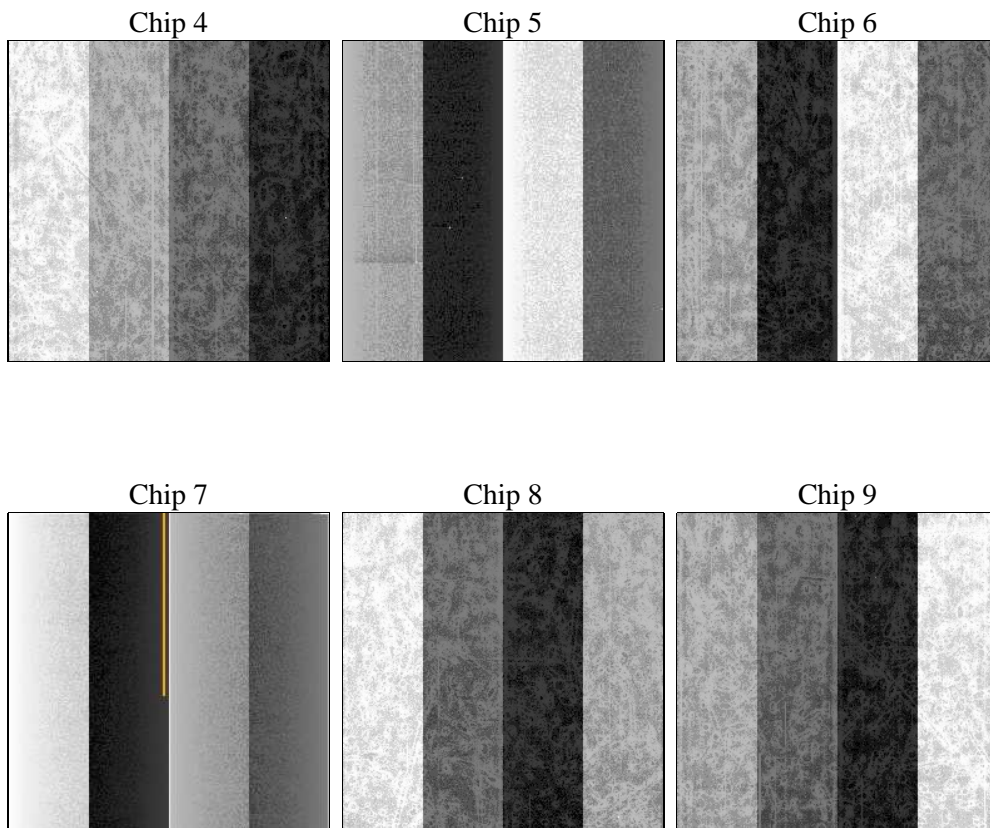
2 OBI

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	3740.7362738252	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	3740.6131538153	Sum of GTIs [s]
date	2012-06-21T15:50:13	Date and time of file creation	ontime5	3740.6952338219	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3740.6541938186	Sum of GTIs [s]
			ontime7	3740.7362738252	Sum of GTIs [s]
			ontime8	3740.572113812	Sum of GTIs [s]
			ontime9	3740.7773138285	Sum of GTIs [s]
			l1events	433840	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	67073	80557	65330	78672	76061	66147	grade 0 events	17112	5314	16064	8147	18156	16022
rejected events	37239	33603	34206	31913	38435	35853		25%	6%	24%	10%	23%	24%
rejected %	55%	41%	52%	40%	50%	54%	grade 1 events	158	90	99	53	98	155
								0%	0%	0%	0%	0%	0%
							grade 2 events	4706	17395	5730	10341	7107	5278
								7%	21%	8%	13%	9%	7%
							grade 3 events	2114	1862	2022	4174	2827	2062
								3%	2%	3%	5%	3%	3%
							grade 4 events	2079	1843	2030	4064	2753	2093
								3%	2%	3%	5%	3%	3%
							grade 5 events	1880	4170	1950	4978	2595	2186
								2%	5%	2%	6%	3%	3%
							grade 6 events	3843	20583	5305	20074	6817	4858
								5%	25%	8%	25%	8%	7%
							grade 7 events	35181	29300	32130	26841	35708	33493
								52%	36%	49%	34%	46%	50%

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	165.6662421030119	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	32.0035578895419	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	139.9249541266846	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.038866356238299			
[mm] SIM defocus	0.1037507710433287	0.4944702831659975			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	382717881.153049	382717880.12806			
Observation start date	2010-02-16T14:31:21	2010-02-16T14:31:20			
[s] Observation end time (MET)	382723348.503326	382723347.47834			
Observation end date	2010-02-16T16:02:29	2010-02-16T16:02:27			
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)	2012.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.7407362738252

A.2 Comments