

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62107 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 24 2012

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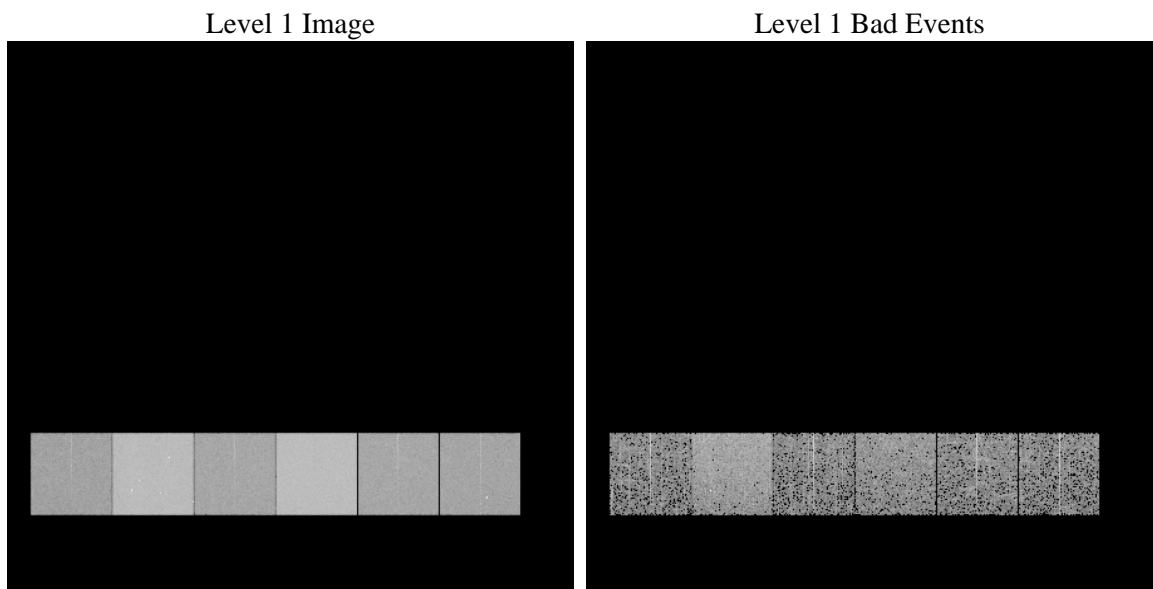
1 Front

seq_num	 	Sequence number
obs_id	62107	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	131.37869210148	Nominal RA [deg]
dec_nom	86.414929558667	Nominal Dec [deg]
roll_nom	233.14327955853	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2890.9991272539	Sum of GTIs [s]
livetime	2854.3915555539	Livetime [s]
ontime4	1147.3267311305	Sum of GTIs [s]
ontime5	3104.9039878845	Sum of GTIs [s]
ontime6	1280.2094206065	Sum of GTIs [s]
ontime7	2890.9991272539	Sum of GTIs [s]
ontime8	1293.1735307425	Sum of GTIs [s]
ontime9	1234.7162976116	Sum of GTIs [s]
l2events	926808	Number of level 2 events

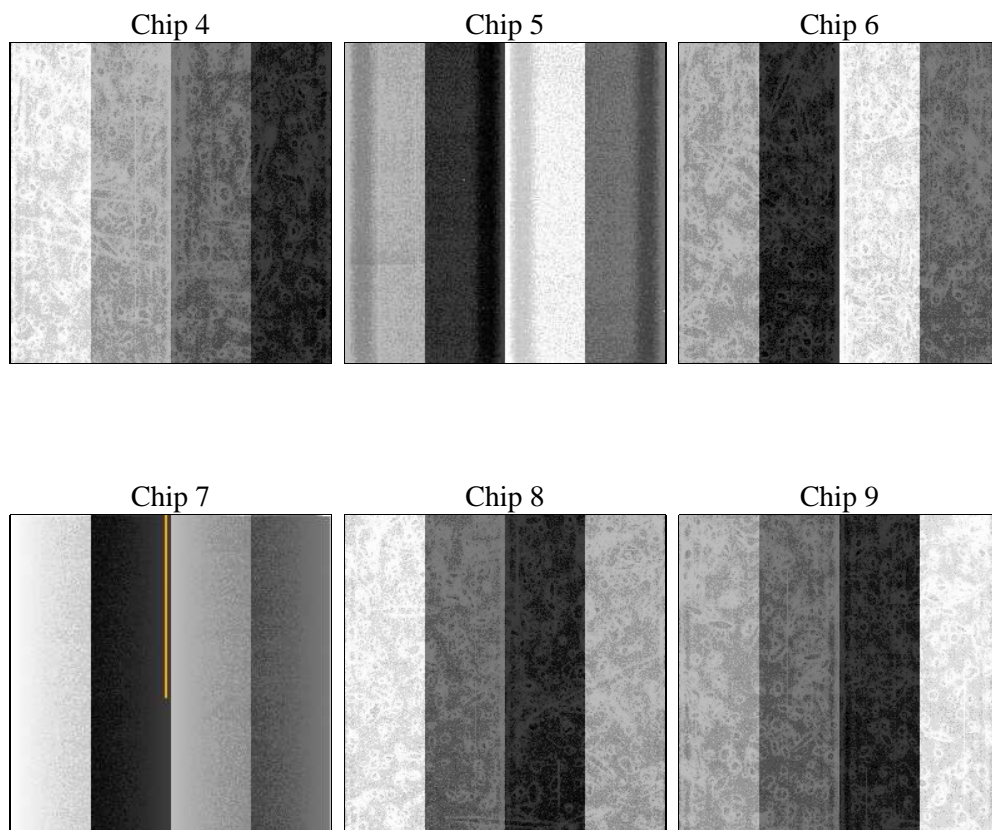
2 OBI

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	8.4.5	Processing system revision	ontime	2890.9991272539	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	1147.3267311305	Sum of GTIs [s]
date	2012-08-24T19:17:56	Date and time of file creation	ontime5	3104.9039878845	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	1280.2094206065	Sum of GTIs [s]
			ontime7	2890.9991272539	Sum of GTIs [s]
			ontime8	1293.1735307425	Sum of GTIs [s]
			ontime9	1234.7162976116	Sum of GTIs [s]
			l1events	1064047	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	112388	274287	132922	284388	134721	125341	grade 0 events	55273	63327	65140	70246	66123	61424
rejected events	13617	25739	13420	16282	14110	13127		49%	23%	49%	24%	49%	49%
rejected %	12%	9%	10%	5%	10%	10%	grade 1 events	419	401	384	202	398	384
								0%	0%	0%	0%	0%	0%
							grade 2 events	17387	86964	20522	59293	21262	19910
								15%	31%	15%	20%	15%	15%
							grade 3 events	6188	16363	7293	27238	7619	6869
								5%	5%	5%	9%	5%	5%
							grade 4 events	6125	16260	7225	27043	7477	6740
								5%	5%	5%	9%	5%	5%
							grade 5 events	921	5295	1010	3645	1115	1024
								0%	1%	0%	1%	0%	0%
							grade 6 events	13798	65634	19322	84286	18130	17271
								12%	23%	14%	29%	13%	13%
							grade 7 events	12277	20043	12026	12435	12597	11719
								10%	7%	9%	4%	9%	9%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	131.3786921014759	Alternating exposures requested	N	N
[deg] Pointing Dec	0	86.4149295586668	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	233.1432795585283			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	70355679.748	70355678.979646			
Observation start date	2000-03-25T07:14:40	2000-03-25T07:14:38			
[s] Observation end time (MET)	70402259.84999999	70402259.081347			
Observation end date	2000-03-25T20:11:00	2000-03-25T20:10:59			
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)	2012.08.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.8909991272539

A.2 Comments