

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57930 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 11 2012

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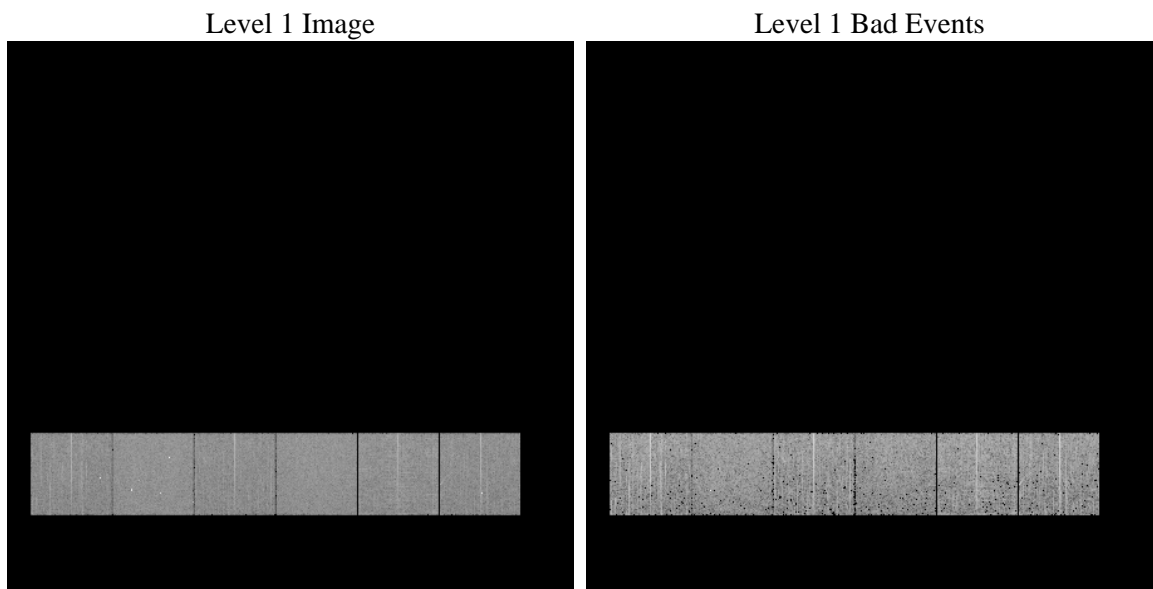
1 Front

seq_num	 	Sequence number
obs_id	57930	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	144.6273631946	Nominal RA [deg]
dec_nom	-7.0162886629276	Nominal Dec [deg]
roll_nom	297.79362123426	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3350.3999875784	Sum of GTIs [s]
livetime	3307.975205567	Livetime [s]
ontime4	3350.3999875784	Sum of GTIs [s]
ontime5	3350.3999875784	Sum of GTIs [s]
ontime6	3350.3999875784	Sum of GTIs [s]
ontime7	3350.3999875784	Sum of GTIs [s]
ontime8	3350.3999875784	Sum of GTIs [s]
ontime9	3347.1590173244	Sum of GTIs [s]
l2events	267084	Number of level 2 events

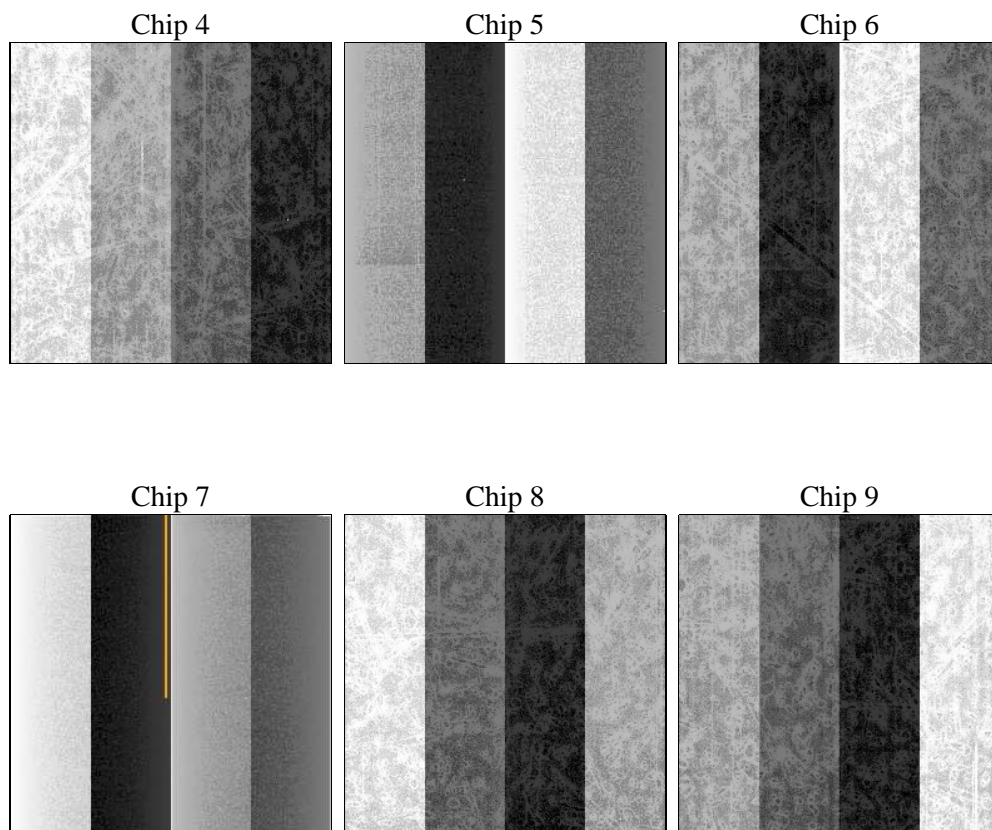
2 OBI

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	3350.3999875784	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	3350.3999875784	Sum of GTIs [s]
date	2012-05-11T03:03:52	Date and time of file creation	ontime5	3350.3999875784	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3350.3999875784	Sum of GTIs [s]
			ontime7	3350.3999875784	Sum of GTIs [s]
			ontime8	3350.3999875784	Sum of GTIs [s]
			ontime9	3347.1590173244	Sum of GTIs [s]
			l1events	475098	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	74959	85467	74721	82803	82162	74986	grade 0 events	24262	10074	23503	11470	25030	23900
rejected events	33066	29040	30511	26599	33150	31336		32%	11%	31%	13%	30%	31%
rejected %	44%	33%	40%	32%	40%	41%	grade 1 events	242	89	144	69	152	189
								0%	0%	0%	0%	0%	0%
							grade 2 events	6528	19993	7767	12275	8967	7338
								8%	23%	10%	14%	10%	9%
							grade 3 events	2822	2844	2879	5438	3512	2870
								3%	3%	3%	6%	4%	3%
							grade 4 events	2788	2659	2845	5293	3399	2885
								3%	3%	3%	6%	4%	3%
							grade 5 events	1726	4178	1729	4300	2241	1954
								2%	4%	2%	5%	2%	2%
							grade 6 events	5536	20968	7257	21827	8144	6739
								7%	24%	9%	26%	9%	8%
							grade 7 events	31055	24662	28597	22131	30717	29111
								41%	28%	38%	26%	37%	38%

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	144.6273631946042	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-7.016288662927558	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	297.7936212342638			
[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)	321215705.841046	321215704.81605			
Observation start date	2008-03-06T18:35:06	2008-03-06T18:35:04			
[s] Observation end time (MET)	321229258.391705	321229257.36671			
Observation end date	2008-03-06T22:20:58	2008-03-06T22:20:57			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.3503999875784

A.2 Comments