

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52433 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 30 2014

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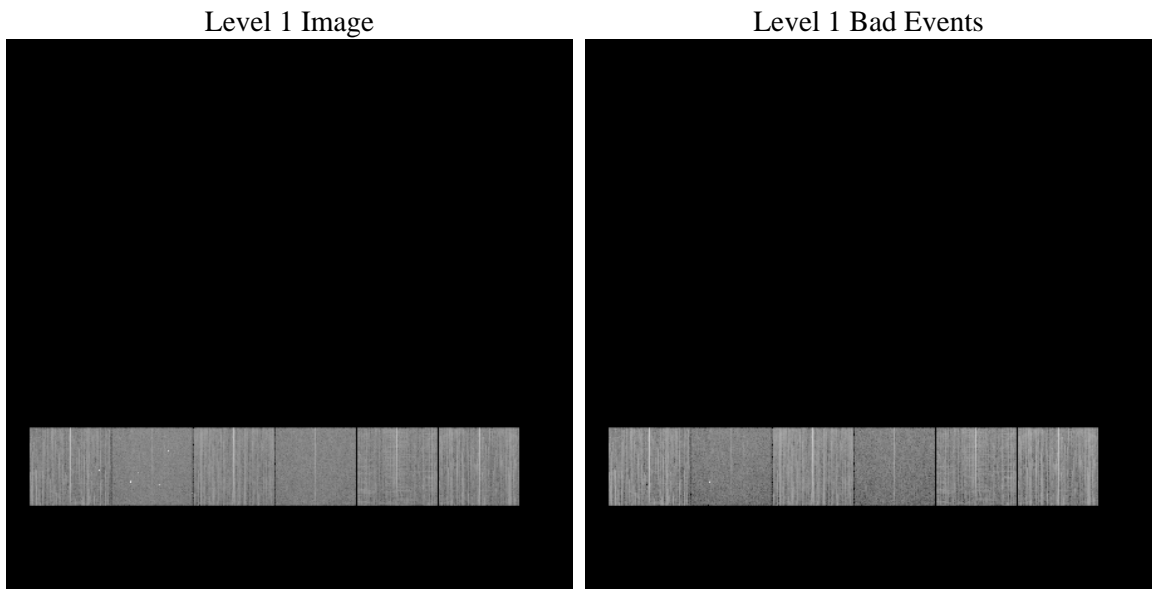
1 Front

seq_num	 	Sequence number
obs_id	52433	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	9.221093126862	Nominal RA [deg]
dec_nom	-11.179901850227	Nominal Dec [deg]
roll_nom	11.418798032654	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8278.3999692202	Sum of GTIs [s]
livetime	8173.5738841559	Livetime [s]
ontime4	8278.3999692202	Sum of GTIs [s]
ontime5	8278.3999692202	Sum of GTIs [s]
ontime6	8278.3999692202	Sum of GTIs [s]
ontime7	8278.3999692202	Sum of GTIs [s]
ontime8	8278.3999692202	Sum of GTIs [s]
ontime9	8278.3999692202	Sum of GTIs [s]
l2events	200337	Number of level 2 events

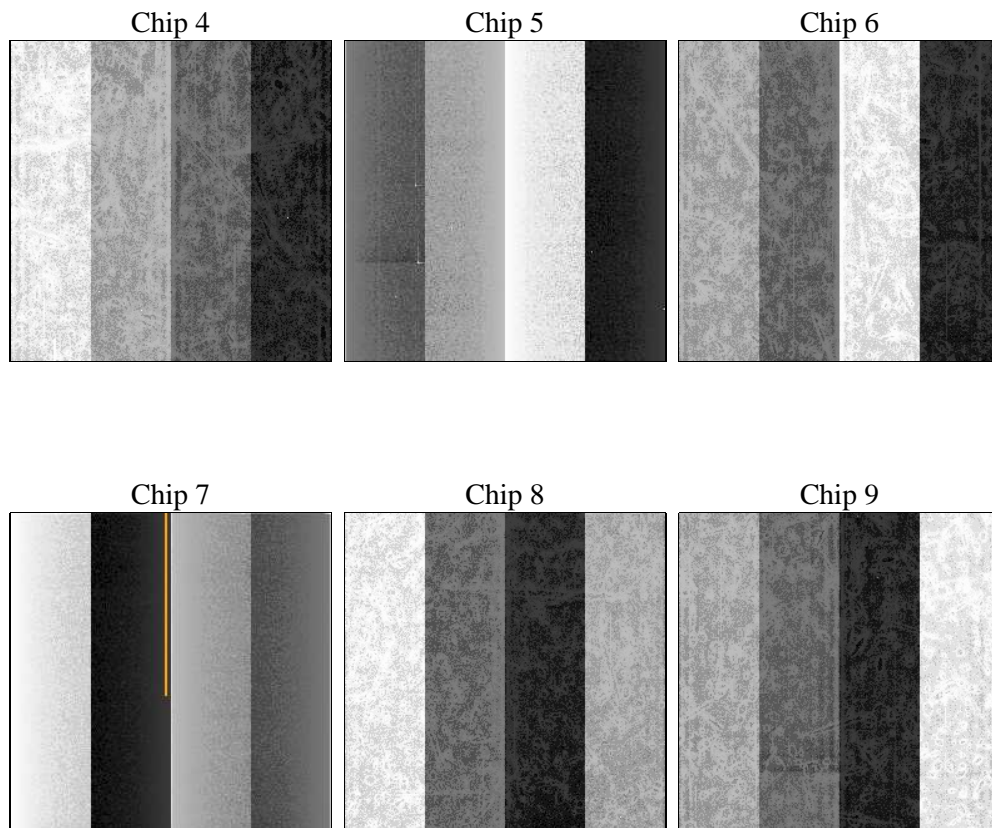
2 OBI

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	10.2.4	Processing system revision	ontime	8278.3999692202	Sum of GTIs [s]
caldsver	4.6.3	 	ontime4	8278.3999692202	Sum of GTIs [s]
date	2014-10-01T01:06:25	Date and time of file creation	ontime5	8278.3999692202	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8278.3999692202	Sum of GTIs [s]
			ontime7	8278.3999692202	Sum of GTIs [s]
			ontime8	8278.3999692202	Sum of GTIs [s]
			ontime9	8278.3999692202	Sum of GTIs [s]
			l1events	871487	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	155969	131193	159697	118194	147340	159094	grade 0 events	15228	7354	12829	6978	15362	12628
rejected events	128477	72741	133081	66402	112117	133438		9%	5%	8%	5%	10%	7%
rejected %	82%	55%	83%	56%	76%	83%	grade 1 events	104	374	65	100	95	78
								0%	0%	0%	0%	0%	0%
							grade 2 events	5027	20843	5607	12712	7376	5090
								3%	15%	3%	10%	5%	3%
							grade 3 events	1891	2032	1824	4189	2912	1746
								1%	1%	1%	3%	1%	1%
							grade 4 events	1747	2036	1742	4075	2752	1786
								1%	1%	1%	3%	1%	1%
							grade 5 events	3317	6983	3099	7532	4067	3544
								2%	5%	1%	6%	2%	2%
							grade 6 events	3599	26187	4614	23838	6821	4406
								2%	19%	2%	20%	4%	2%
							grade 7 events	125056	65384	129917	58770	107955	129816
								80%	49%	81%	49%	73%	81%

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	9.221093126861973	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-11.17990185022681	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	11.41879803265435	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	528458572.144251	528458571.11925			
Observation start date	2014-09-30T10:02:52	2014-09-30T10:02:51			
[s] Observation end time (MET)	528474574.44514	528474573.42014			
Observation end date	2014-09-30T14:29:34	2014-09-30T14:29:33			
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)	2014.09.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2783999692202

A.2 Comments