

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54922 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 18 2012

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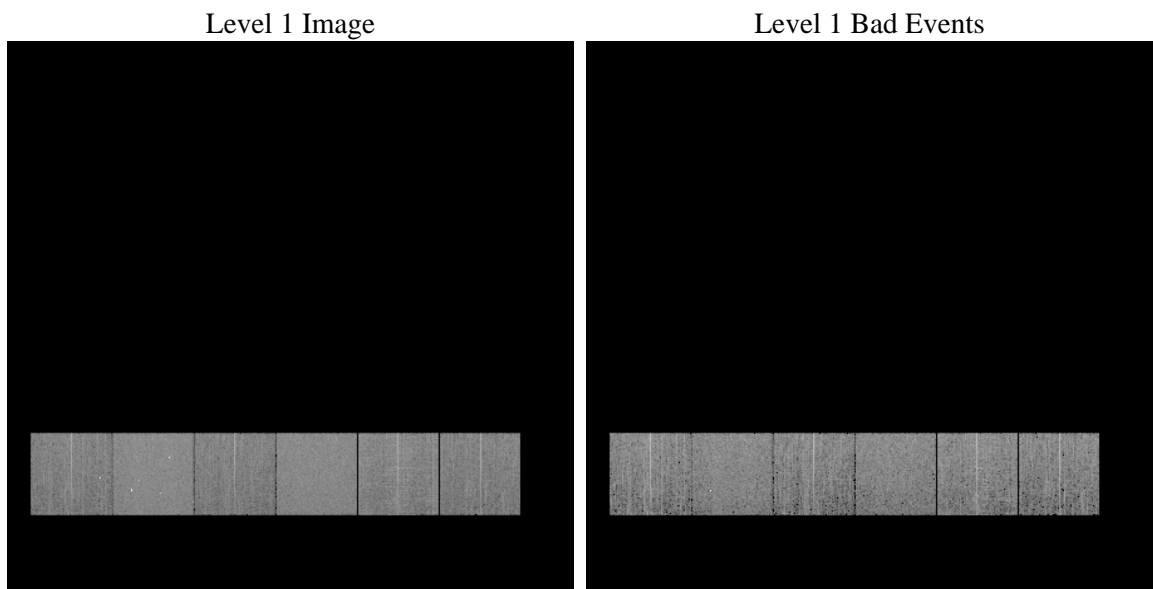
1 Front

seq_num	 	Sequence number
obs_id	54922	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	72.988324002171	Nominal RA [deg]
dec_nom	39.950367330243	Nominal Dec [deg]
roll_nom	258.14337172051	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5689.5999788642	Sum of GTIs [s]
livetime	5617.554838066	Livetime [s]
ontime4	5689.5999788642	Sum of GTIs [s]
ontime5	5689.5999788642	Sum of GTIs [s]
ontime6	5689.5999788642	Sum of GTIs [s]
ontime7	5689.5999788642	Sum of GTIs [s]
ontime8	5689.5999788642	Sum of GTIs [s]
ontime9	5686.3392229676	Sum of GTIs [s]
l2events	214155	Number of level 2 events

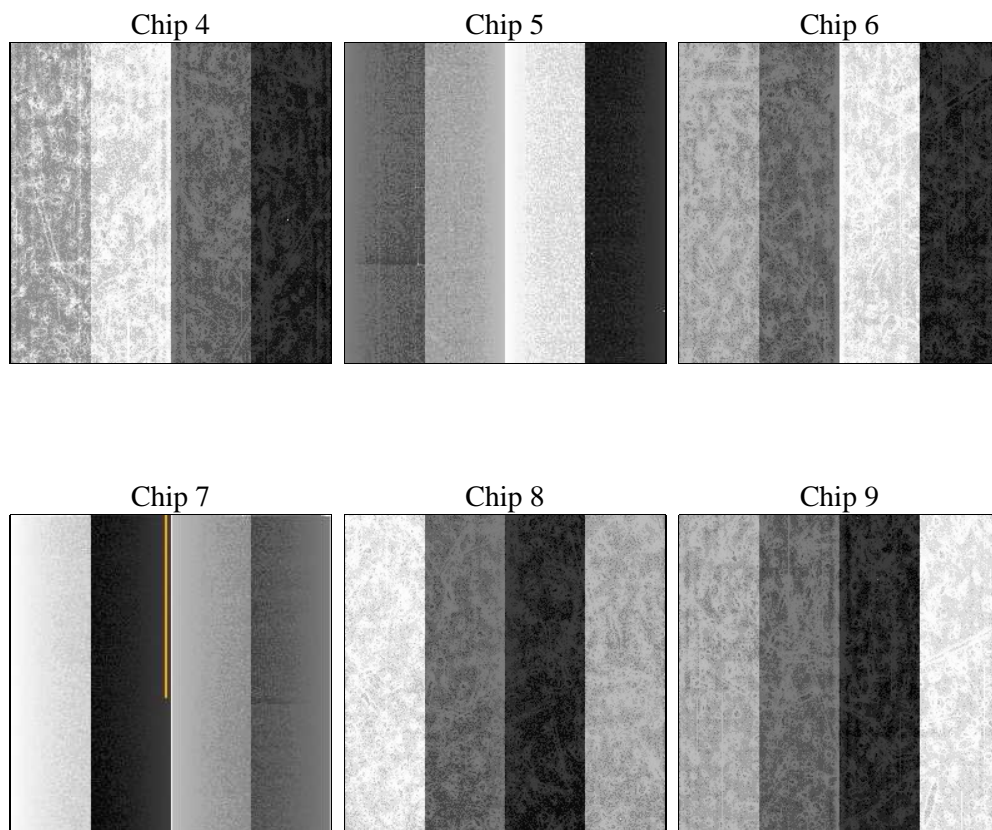
2 OBI

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	5689.5999788642	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	5689.5999788642	Sum of GTIs [s]
date	2012-01-19T03:50:44	Date and time of file creation	ontime5	5689.5999788642	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	5689.5999788642	Sum of GTIs [s]
			ontime7	5689.5999788642	Sum of GTIs [s]
			ontime8	5689.5999788642	Sum of GTIs [s]
			ontime9	5686.3392229676	Sum of GTIs [s]
			l1events	491134	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	74043	99211	71044	92074	83901	70861	grade 0 events	17494	7722	15950	8124	18122	15939
rejected events	43303	43298	39845	40979	45020	40435		23%	7%	22%	8%	21%	22%
rejected %	58%	43%	56%	44%	53%	57%	grade 1 events	148	123	66	72	88	99
								0%	0%	0%	0%	0%	0%
							grade 2 events	4883	19813	5751	11004	7607	5523
								6%	19%	8%	11%	9%	7%
							grade 3 events	2198	2154	2072	4603	2943	2090
								2%	2%	2%	4%	3%	2%
							grade 4 events	2170	2080	2027	4558	2827	2102
								2%	2%	2%	4%	3%	2%
							grade 5 events	2500	5429	2549	6302	3418	2847
								3%	5%	3%	6%	4%	4%
							grade 6 events	3995	24144	5399	22806	7382	4783
								5%	24%	7%	24%	8%	6%
							grade 7 events	40655	37746	37230	34605	41514	37478
								54%	38%	52%	37%	49%	52%

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	72.98832400217125	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	39.95036733024318	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	258.1433717205124	[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)	443259443.099907	443259442.07491			
Observation start date	2012-01-18T07:37:23	2012-01-18T07:37:22			
[s] Observation end time (MET)	443265937.50025	443265936.47525			
Observation end date	2012-01-18T09:25:38	2012-01-18T09:25:36			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.01.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.6895999788642

A.2 Comments