

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54223 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 25 2012

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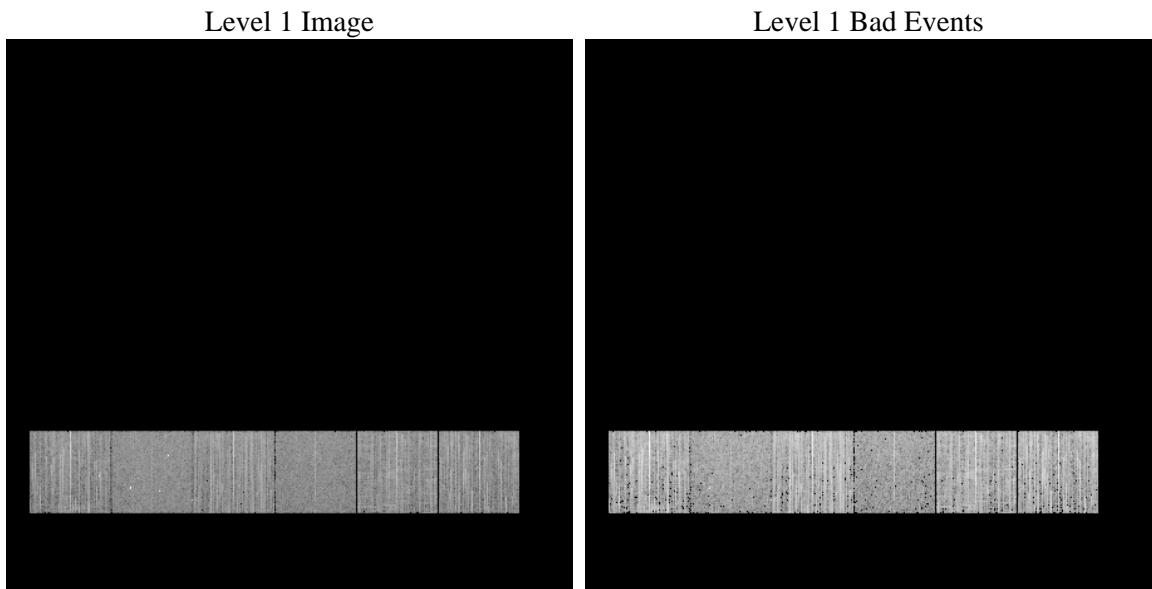
1 Front

seq_num	 	Sequence number
obs_id	54223	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	23.074562455354	Nominal RA [deg]
dec_nom	35.47226651697	Nominal Dec [deg]
roll_nom	194.36541613514	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3283.1700524688	Sum of GTIs [s]
livetime	3241.5965763768	Livetime [s]
ontime4	3283.0840918422	Sum of GTIs [s]
ontime5	3283.1661718488	Sum of GTIs [s]
ontime6	3283.1251318455	Sum of GTIs [s]
ontime7	3283.1700524688	Sum of GTIs [s]
ontime8	3283.0430518389	Sum of GTIs [s]
ontime9	3283.1290124655	Sum of GTIs [s]
l2events	108154	Number of level 2 events

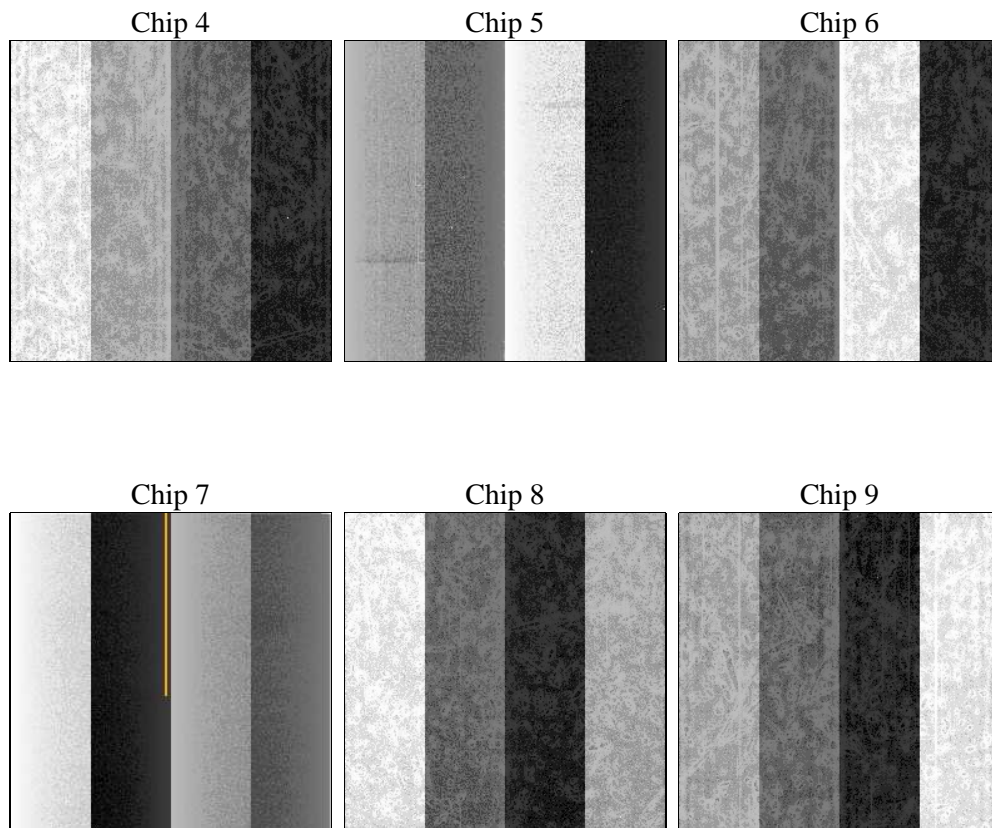
2 OBI

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	3283.1700524688	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	3283.0840918422	Sum of GTIs [s]
date	2012-10-25T03:49:25	Date and time of file creation	ontime5	3283.1661718488	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	3283.1251318455	Sum of GTIs [s]
			ontime7	3283.1700524688	Sum of GTIs [s]
			ontime8	3283.0430518389	Sum of GTIs [s]
			ontime9	3283.1290124655	Sum of GTIs [s]
			l1events	394730	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	67293	59304	74274	53289	69711	70859	grade 0 events	8636	4517	7917	4046	8857	7806
rejected events	51532	30370	58653	27425	50229	55574		12%	7%	10%	7%	12%	11%
rejected %	76%	51%	78%	51%	72%	78%	grade 1 events	68	175	49	42	45	51
								0%	0%	0%	0%	0%	0%
							grade 2 events	2960	10511	3018	6254	3958	2860
								4%	17%	4%	11%	5%	4%
							grade 3 events	1053	1109	1046	2230	1457	1086
								1%	1%	1%	4%	2%	1%
							grade 4 events	1081	1025	1001	2101	1404	1021
								1%	1%	1%	3%	2%	1%
							grade 5 events	1363	2699	1295	3138	1693	1448
								2%	4%	1%	5%	2%	2%
							grade 6 events	2031	11772	2639	11233	3806	2512
								3%	19%	3%	21%	5%	3%
							grade 7 events	50101	27496	57309	24245	48491	54075
								74%	46%	77%	45%	69%	76%

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	23.07456245535369	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	35.47226651696965	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	194.3654161351373	[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)	467453760.659663	467453759.63466			
Observation start date	2012-10-24T08:16:01	2012-10-24T08:15:59			
[s] Observation end time (MET)	467462399.360127	467462398.33513			
Observation end date	2012-10-24T10:39:59	2012-10-24T10:39:58			
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)	2012.10.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2831700524688

A.2 Comments