

V&V Reference Report

L2 ASCDS Version : 10.3

Observation 52310 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 17 2014

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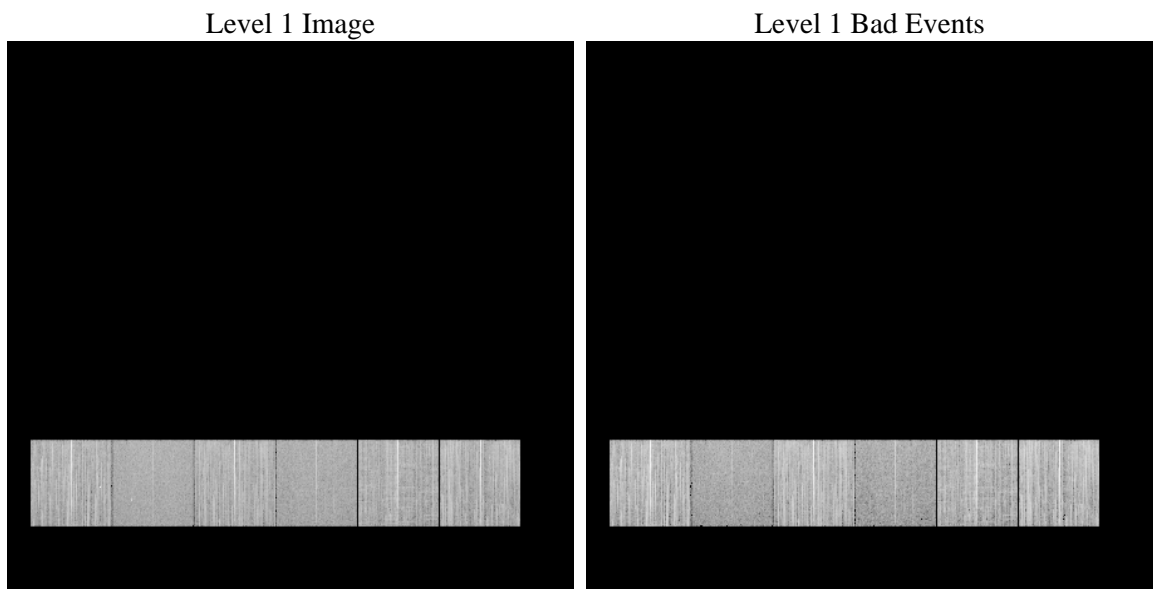
1 Front

seq_num	 	Sequence number
obs_id	52310	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	37.928885357373	Nominal RA [deg]
dec_nom	-0.50134032426357	Nominal Dec [deg]
roll_nom	324.6249974324	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6882.1065140963	Sum of GTIs [s]
livetime	6794.9611375077	Livetime [s]
ontime4	6881.9833940864	Sum of GTIs [s]
ontime5	6875.5834231973	Sum of GTIs [s]
ontime6	6882.0244340897	Sum of GTIs [s]
ontime7	6882.1065140963	Sum of GTIs [s]
ontime8	6881.9423540831	Sum of GTIs [s]
ontime9	6882.1475540996	Sum of GTIs [s]
l2events	162061	Number of level 2 events

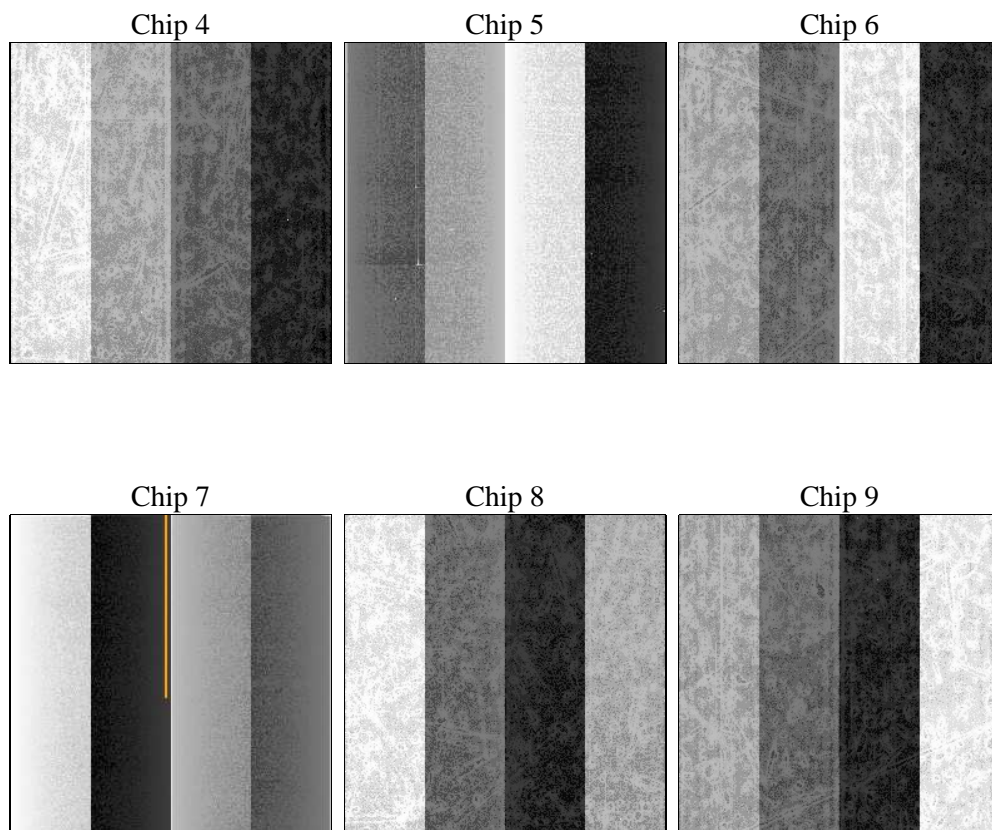
2 OBI

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	10.3	Processing system revision	ontime	6882.1065140963	Sum of GTIs [s]
caldsver	4.6.4	 	ontime4	6881.9833940864	Sum of GTIs [s]
date	2014-11-18T00:06:37	Date and time of file creation	ontime5	6875.5834231973	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	6882.0244340897	Sum of GTIs [s]
			ontime7	6882.1065140963	Sum of GTIs [s]
			ontime8	6881.9423540831	Sum of GTIs [s]
			ontime9	6882.1475540996	Sum of GTIs [s]
			l1events	772164	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	142235	110407	141187	103177	131408	143750	grade 0 events	11218	3674	9498	5171	12086	9847
rejected events	121350	64320	120252	60768	102954	123178		7%	3%	6%	5%	9%	6%
rejected %	85%	58%	85%	58%	78%	85%	grade 1 events	111	129	47	75	72	67
								0%	0%	0%	0%	0%	0%
							grade 2 events	4125	17200	5027	10793	6376	4459
								2%	15%	3%	10%	4%	3%
							grade 3 events	1474	1357	1372	3322	2262	1494
								1%	1%	0%	3%	1%	1%
							grade 4 events	1470	1284	1284	3062	2191	1445
								1%	1%	0%	2%	1%	1%
							grade 5 events	2730	4860	2577	6070	3472	2978
								1%	4%	1%	5%	2%	2%
							grade 6 events	2908	23253	4057	20692	5972	3603
								2%	21%	2%	20%	4%	2%
							grade 7 events	118199	58650	117325	53992	98977	119857
								83%	53%	83%	52%	75%	83%

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	37.92888535737274	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-0.50134032426357	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	324.6249974323998	[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)	532609484.125039	532609483.10004			
Observation start date	2014-11-17T11:04:44	2014-11-17T11:04:43			
[s] Observation end time (MET)	532618184.325523	532618183.30052			
Observation end date	2014-11-17T13:29:44	2014-11-17T13:29:43			
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)	2014.11.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.8821065140963

A.2 Comments