

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52579 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 6 2014

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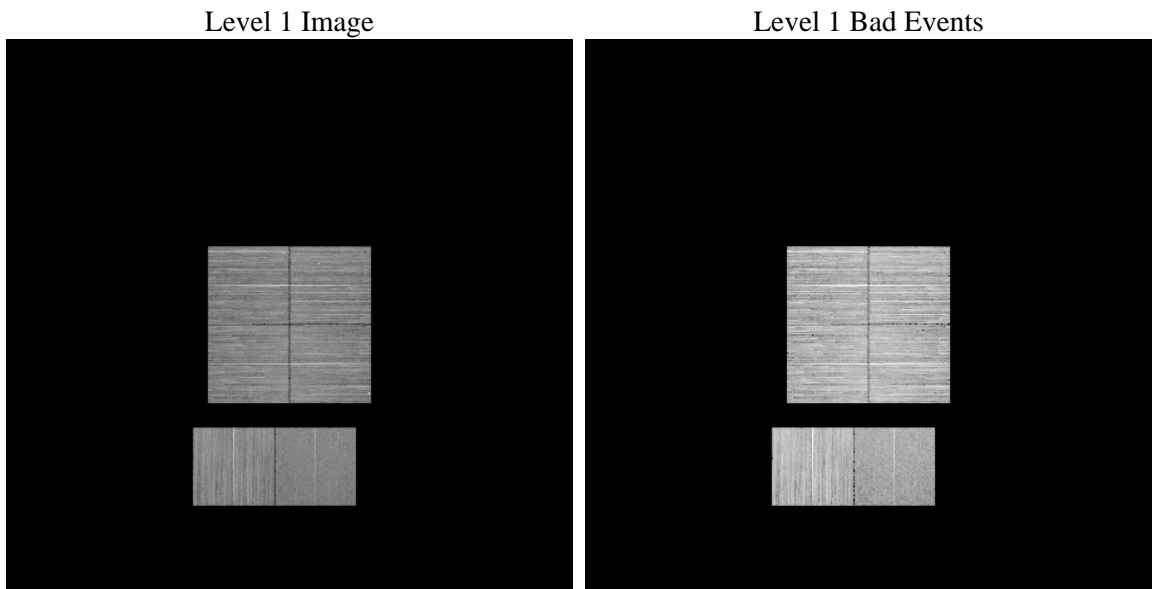
1 Front

seq_num	 	Sequence number
obs_id	52579	Observation id
title	ACIS-012367 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	342.99741943415	Nominal RA [deg]
dec_nom	-18.430255252947	Nominal Dec [deg]
roll_nom	90.852641230542	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8262.3999692798	Sum of GTIs [s]
livetime	8157.7764858488	Livetime [s]
ontime0	8259.1589087844	Sum of GTIs [s]
ontime1	8262.3999692798	Sum of GTIs [s]
ontime2	8262.3999692798	Sum of GTIs [s]
ontime3	8262.3999692798	Sum of GTIs [s]
ontime6	8262.3999692798	Sum of GTIs [s]
ontime7	8262.3999692798	Sum of GTIs [s]
l2events	189016	Number of level 2 events

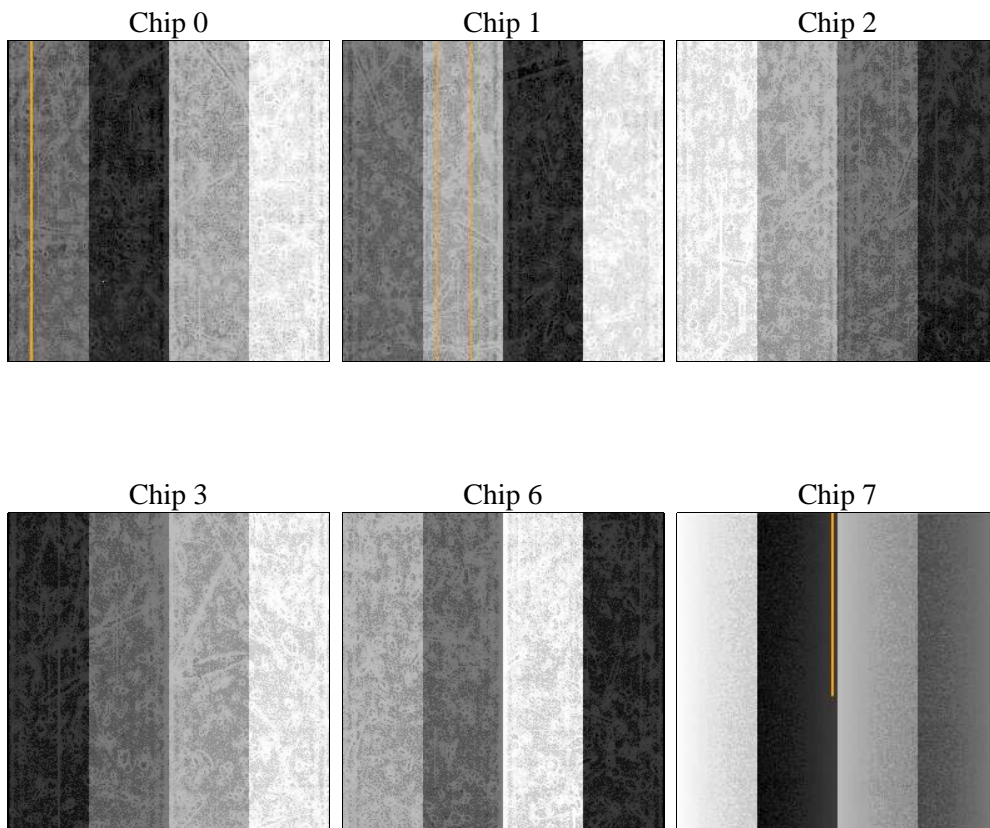
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.2.4	Processing system revision	ontime	8262.3999692798	Sum of GTIs [s]
caldbver	4.6.2	 	ontime0	8259.1589087844	Sum of GTIs [s]
date	2014-08-06T15:26:09	Date and time of file creation	ontime1	8262.3999692798	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8262.3999692798	Sum of GTIs [s]
			ontime3	8262.3999692798	Sum of GTIs [s]
			ontime6	8262.3999692798	Sum of GTIs [s]
			ontime7	8262.3999692798	Sum of GTIs [s]
			l1events	877568	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	142296	154665	148027	158221	153659	120700	grade 0 events	16416	15425	14935	17231	14513	7731
rejected events	111488	123682	119021	126699	123334	66665		11%	9%	10%	10%	9%	6%
rejected %	78%	79%	80%	80%	80%	55%	grade 1 events	91	81	85	108	68	85
								0%	0%	0%	0%	0%	0%
							grade 2 events	5908	6500	5664	5667	6360	13459
								4%	4%	3%	3%	4%	11%
							grade 3 events	1964	1993	1930	1995	1976	4339
								1%	1%	1%	1%	1%	3%
							grade 4 events	1849	1960	2063	2024	1985	4293
								1%	1%	1%	1%	1%	3%
							grade 5 events	2884	2917	2614	3143	2990	7442
								2%	1%	1%	1%	1%	6%
							grade 6 events	4852	5278	4614	4796	5706	24480
								3%	3%	3%	3%	3%	20%
							grade 7 events	108332	120511	116122	123257	120061	58871
								76%	77%	78%	77%	78%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	342.9974194341524	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-18.43025525294722	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	90.85264123054219	[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)	523658695.727882	523658694.70288			
Observation start date	2014-08-05T20:44:56	2014-08-05T20:44:54			
[s] Observation end time (MET)	523669009.278454	523669008.25345			
Observation end date	2014-08-05T23:36:49	2014-08-05T23:36:48			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.08.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2623999692798

A.2 Comments