

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52370 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 19 2014

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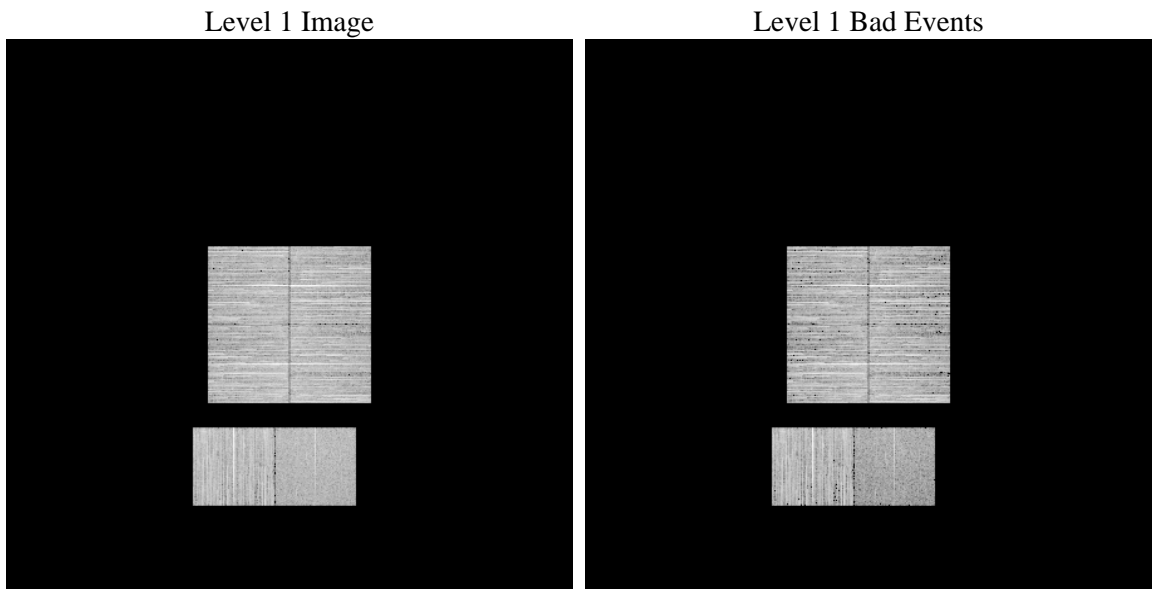
1 Front

seq_num	 	Sequence number
obs_id	52370	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	43.824815333444	Nominal RA [deg]
dec_nom	24.896993727819	Nominal Dec [deg]
roll_nom	124.40955397896	Nominal Roll [deg]
revision	1	Processing version of data
ontime	4700.7999825478	Sum of GTIs [s]
livetime	4641.2756226868	Livetime [s]
ontime0	4700.7999825478	Sum of GTIs [s]
ontime1	4700.7999825478	Sum of GTIs [s]
ontime2	4700.7999825478	Sum of GTIs [s]
ontime3	4700.7999825478	Sum of GTIs [s]
ontime6	4700.7999825478	Sum of GTIs [s]
ontime7	4700.7999825478	Sum of GTIs [s]
l2events	100655	Number of level 2 events

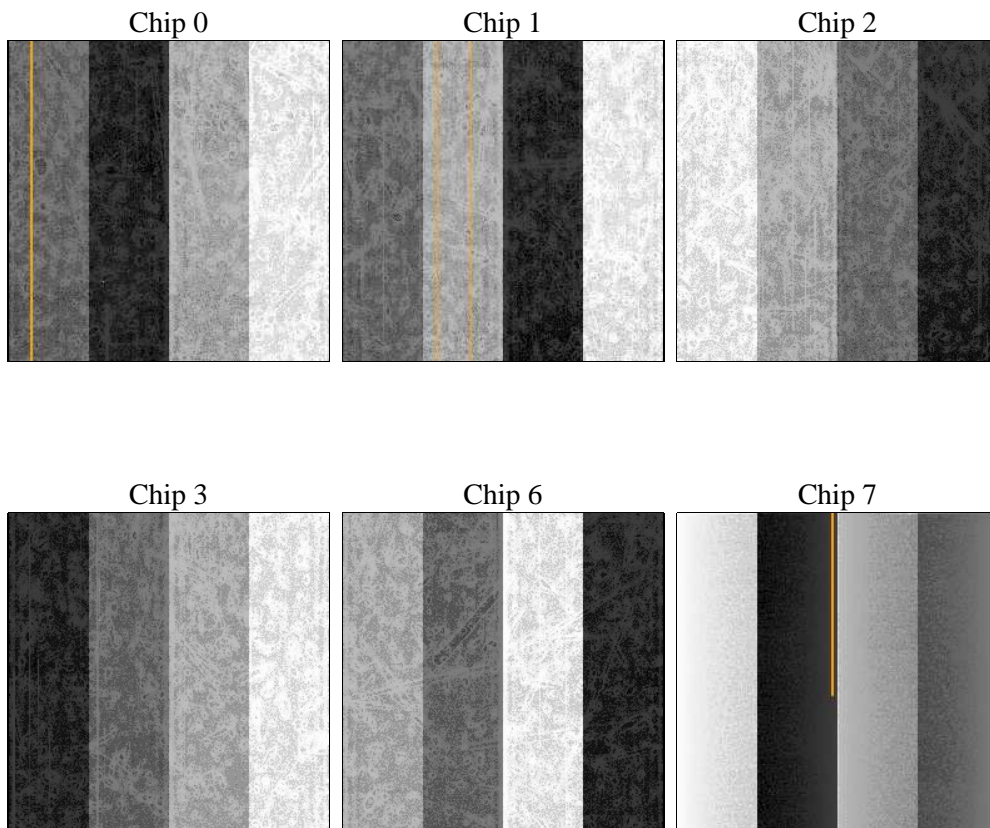
2 OBI

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	4700.7999825478	Sum of GTIs [s]
caldsver	4.6.3	 	ontime0	4700.7999825478	Sum of GTIs [s]
date	2014-10-19T13:31:45	Date and time of file creation	ontime1	4700.7999825478	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	4700.7999825478	Sum of GTIs [s]
			ontime3	4700.7999825478	Sum of GTIs [s]
			ontime6	4700.7999825478	Sum of GTIs [s]
			ontime7	4700.7999825478	Sum of GTIs [s]
			l1events	540075	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	90500	90867	96281	93234	95862	73331	grade 0 events	7313	7020	7514	7607	7409	4170
rejected events	75401	75926	81494	78219	80286	41656		8%	7%	7%	8%	7%	5%
rejected %	83%	83%	84%	83%	83%	56%	grade 1 events	44	33	50	40	37	61
								0%	0%	0%	0%	0%	0%
							grade 2 events	3159	3309	2992	2951	3339	7642
								3%	3%	3%	3%	3%	10%
							grade 3 events	1134	1016	1068	1062	1078	2570
								1%	1%	1%	1%	1%	3%
							grade 4 events	1036	1039	1036	1121	1063	2581
								1%	1%	1%	1%	1%	3%
							grade 5 events	1777	1845	1625	1970	1934	4676
								1%	2%	1%	2%	2%	6%
							grade 6 events	2528	2639	2277	2368	2791	14891
								2%	2%	2%	2%	2%	20%
							grade 7 events	73509	73966	79719	76115	78211	36740
								81%	81%	82%	81%	81%	50%

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	43.82481533344369	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	24.89699372781871	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	124.4095539789557	[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)	530058734.583169	530058733.55817			
Observation start date	2014-10-18T22:32:15	2014-10-18T22:32:13			
[s] Observation end time (MET)	530064115.833468	530064114.80847			
Observation end date	2014-10-19T00:01:56	2014-10-19T00:01:54			
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)	2014.10.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.7007999825478

A.2 Comments