

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52620 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 21 2014

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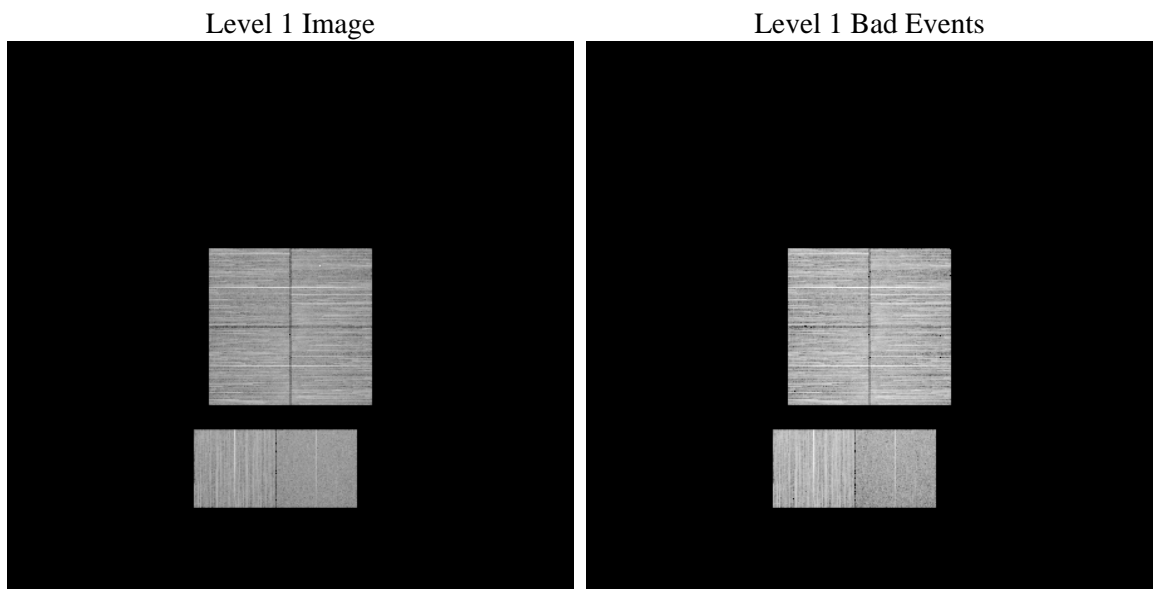
1 Front

seq_num	 	Sequence number
obs_id	52620	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	282.03530499295	Nominal RA [deg]
dec_nom	-40.003693525054	Nominal Dec [deg]
roll_nom	316.30096130523	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8287.9999691844	Sum of GTIs [s]
livetime	8183.0523231401	Livetime [s]
ontime0	8287.9999691844	Sum of GTIs [s]
ontime1	8287.9999691844	Sum of GTIs [s]
ontime2	8287.9999691844	Sum of GTIs [s]
ontime3	8287.9999691844	Sum of GTIs [s]
ontime6	8287.9999691844	Sum of GTIs [s]
ontime7	8287.9999691844	Sum of GTIs [s]
l2events	170523	Number of level 2 events

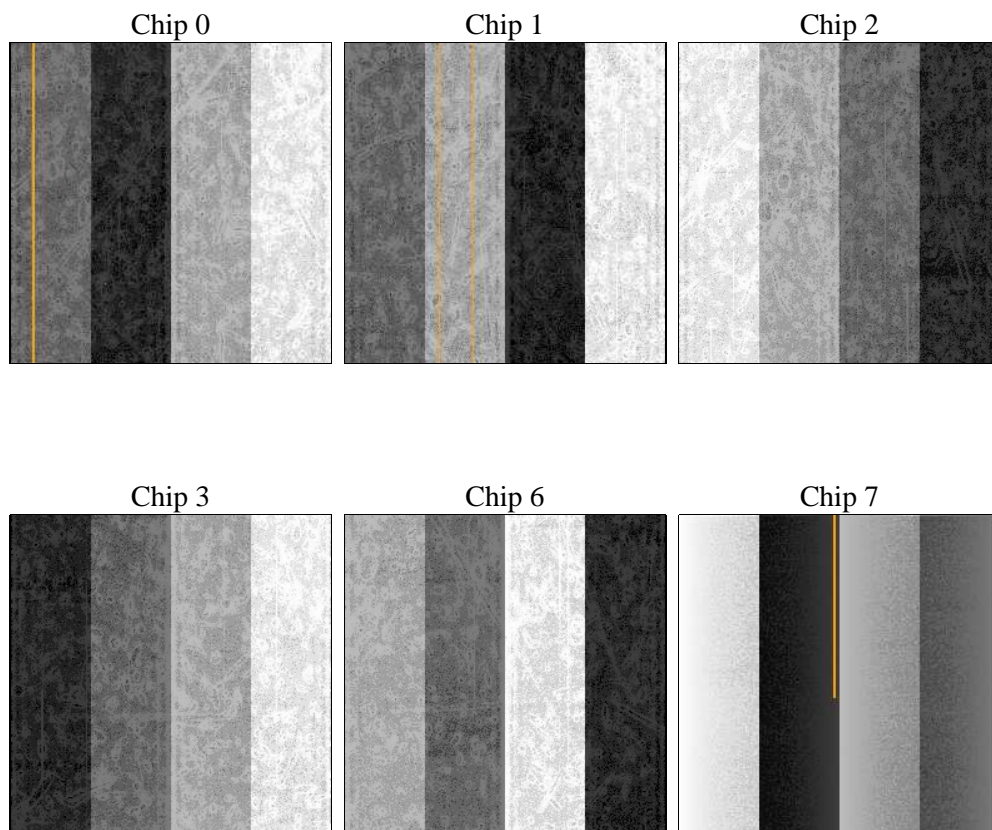
2 OBI

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	8287.9999691844	Sum of GTIs [s]
caldsver	4.6.2	 	ontime0	8287.9999691844	Sum of GTIs [s]
date	2014-07-21T17:51:12	Date and time of file creation	ontime1	8287.9999691844	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8287.9999691844	Sum of GTIs [s]
			ontime3	8287.9999691844	Sum of GTIs [s]
			ontime6	8287.9999691844	Sum of GTIs [s]
			ontime7	8287.9999691844	Sum of GTIs [s]
			l1events	839735	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	137837	146116	144262	147406	148154	115960	grade 0 events	12754	13386	13212	13290	12863	6895
rejected events	112089	119213	118678	121416	121356	65063		9%	9%	9%	9%	8%	5%
rejected %	81%	81%	82%	82%	81%	56%	grade 1 events	62	72	70	76	40	72
								0%	0%	0%	0%	0%	0%
							grade 2 events	5269	5724	4973	5078	5710	12602
								3%	3%	3%	3%	3%	10%
							grade 3 events	1761	1783	1756	1847	1721	4040
								1%	1%	1%	1%	1%	3%
							grade 4 events	1769	1655	1750	1806	1761	4044
								1%	1%	1%	1%	1%	3%
							grade 5 events	2849	2875	2553	2982	2980	7241
								2%	1%	1%	2%	2%	6%
							grade 6 events	4195	4355	3893	3969	4743	23316
								3%	2%	2%	2%	3%	20%
							grade 7 events	109178	116266	116055	118358	118336	57750
								79%	79%	80%	80%	79%	49%

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	282.0353049929483	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-40.00369352505354	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	316.3009613052294	[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)	522287567.501957	522287566.47696			
Observation start date	2014-07-20T23:52:48	2014-07-20T23:52:46			
[s] Observation end time (MET)	522297372.652501	522297371.6275			
Observation end date	2014-07-21T02:36:13	2014-07-21T02:36:11			
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)	2014.07.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2879999691844

A.2 Comments