

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52566 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 9 2014

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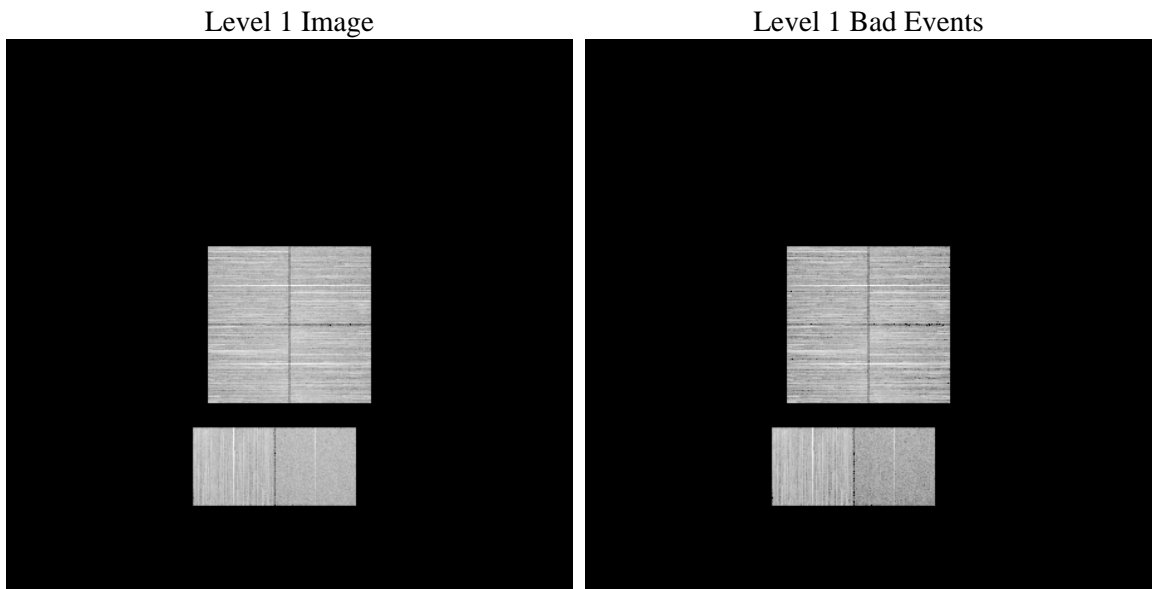
1 Front

seq_num	 	Sequence number
obs_id	52566	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	282.81847477457	Nominal RA [deg]
dec_nom	-2.3142248937029	Nominal Dec [deg]
roll_nom	246.63482332614	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8355.1999689341	Sum of GTIs [s]
livetime	8249.40139603	Livetime [s]
ontime0	8355.1999689341	Sum of GTIs [s]
ontime1	8355.1999689341	Sum of GTIs [s]
ontime2	8355.1999689341	Sum of GTIs [s]
ontime3	8355.1999689341	Sum of GTIs [s]
ontime6	8355.1999689341	Sum of GTIs [s]
ontime7	8355.1999689341	Sum of GTIs [s]
l2events	170527	Number of level 2 events

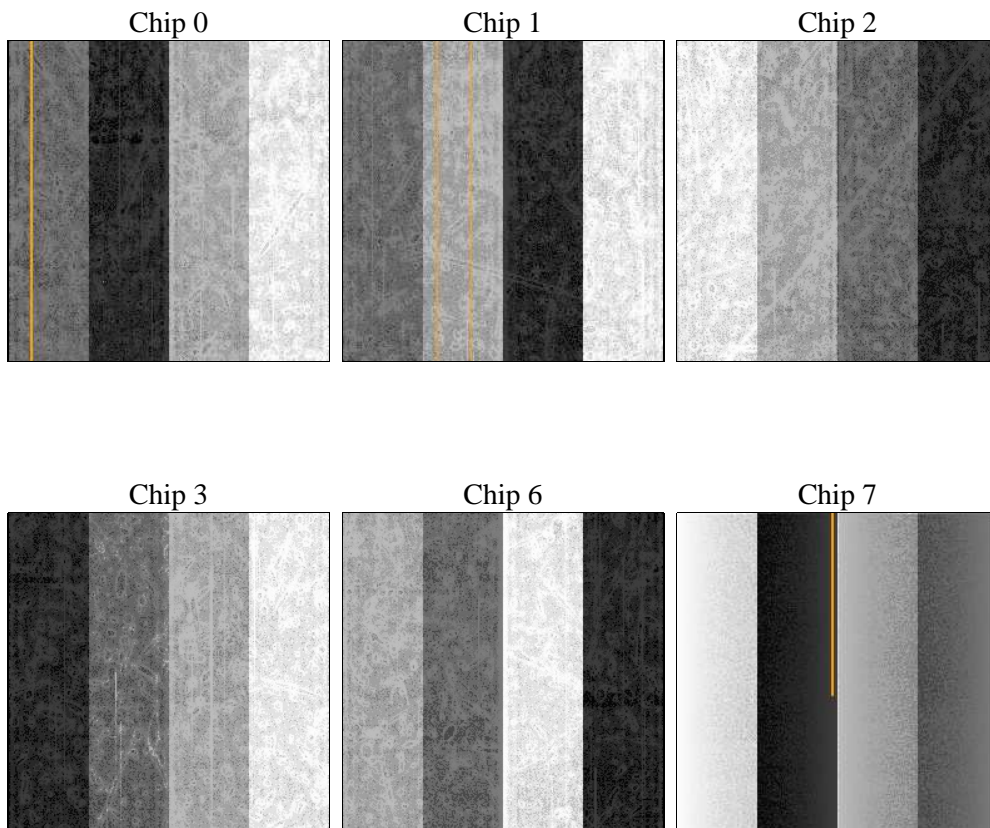
2 OBI

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	8355.1999689341	Sum of GTIs [s]
caldbver	4.6.2	 	ontime0	8355.1999689341	Sum of GTIs [s]
date	2014-08-09T06:19:16	Date and time of file creation	ontime1	8355.1999689341	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8355.1999689341	Sum of GTIs [s]
			ontime3	8355.1999689341	Sum of GTIs [s]
			ontime6	8355.1999689341	Sum of GTIs [s]
			ontime7	8355.1999689341	Sum of GTIs [s]
			l1events	872850	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	144750	146958	152150	152726	155913	120353	grade 0 events	13176	12592	13265	13283	13116	6946
rejected events	119037	121208	126664	127126	129305	68638		9%	8%	8%	8%	8%	5%
rejected %	82%	82%	83%	83%	82%	57%	grade 1 events	66	58	86	73	73	98
								0%	0%	0%	0%	0%	0%
							grade 2 events	5186	5583	5013	5091	5517	12848
								3%	3%	3%	3%	3%	10%
							grade 3 events	1812	1741	1813	1786	1826	4197
								1%	1%	1%	1%	1%	3%
							grade 4 events	1744	1859	1791	1805	1779	4149
								1%	1%	1%	1%	1%	3%
							grade 5 events	2828	2899	2682	3088	3088	7513
								1%	1%	1%	2%	1%	6%
							grade 6 events	4157	4326	3968	4010	4745	24346
								2%	2%	2%	2%	3%	20%
							grade 7 events	115781	117900	123532	123590	125769	60256
								79%	80%	81%	80%	80%	50%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	282.8184747745721
[deg] Pointing Dec	0	-2.314224893702884
[deg] Pointing Roll	0.0	246.6348233261407
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	523926218.692721	523926218.692721
Observation start date	2014-08-08T23:03:39	2014-08-08T23:03:38
[s] Observation end time (MET)	523935418.320232	523935418.320232
Observation end date	2014-08-09T01:36:58	2014-08-09T01:36:58
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3551999689341

A.2 Comments