

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58054 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 6 2012

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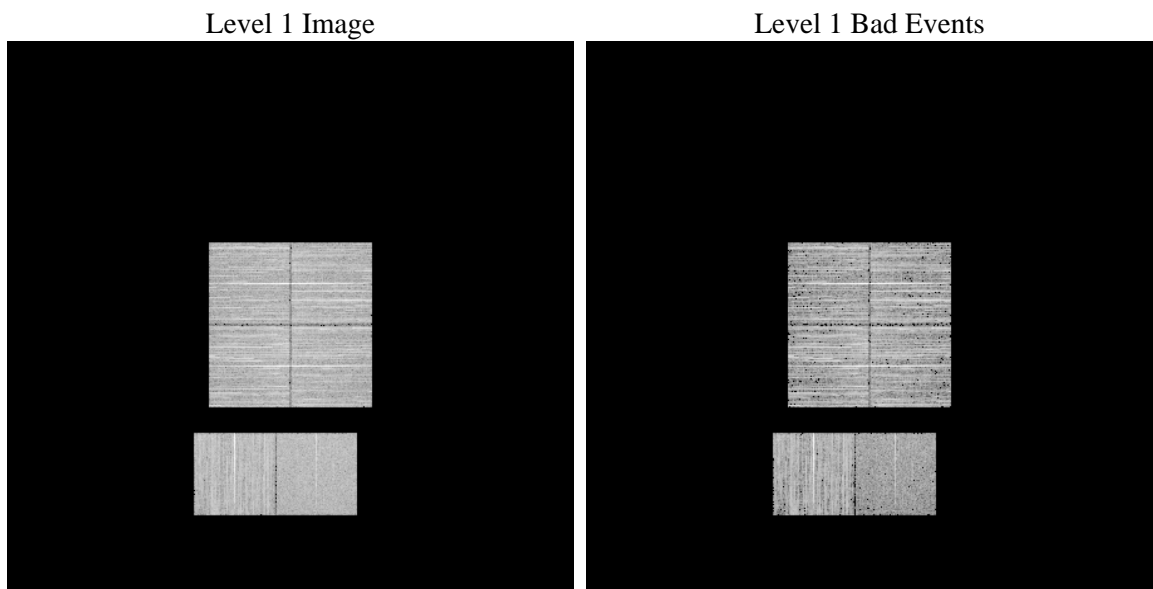
1 Front

seq_num	 	Sequence number
obs_id	58054	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	112.76794987463	Nominal RA [deg]
dec_nom	3.2084196476583	Nominal Dec [deg]
roll_nom	39.670599601544	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2185.5999919176	Sum of GTIs [s]
livetime	2157.9246088096	Livetime [s]
ontime0	1867.9845314026	Sum of GTIs [s]
ontime1	1914.2309268117	Sum of GTIs [s]
ontime2	1817.0427181125	Sum of GTIs [s]
ontime3	1858.2617703676	Sum of GTIs [s]
ontime6	1894.8671253324	Sum of GTIs [s]
ontime7	2185.5999919176	Sum of GTIs [s]
l2events	156884	Number of level 2 events

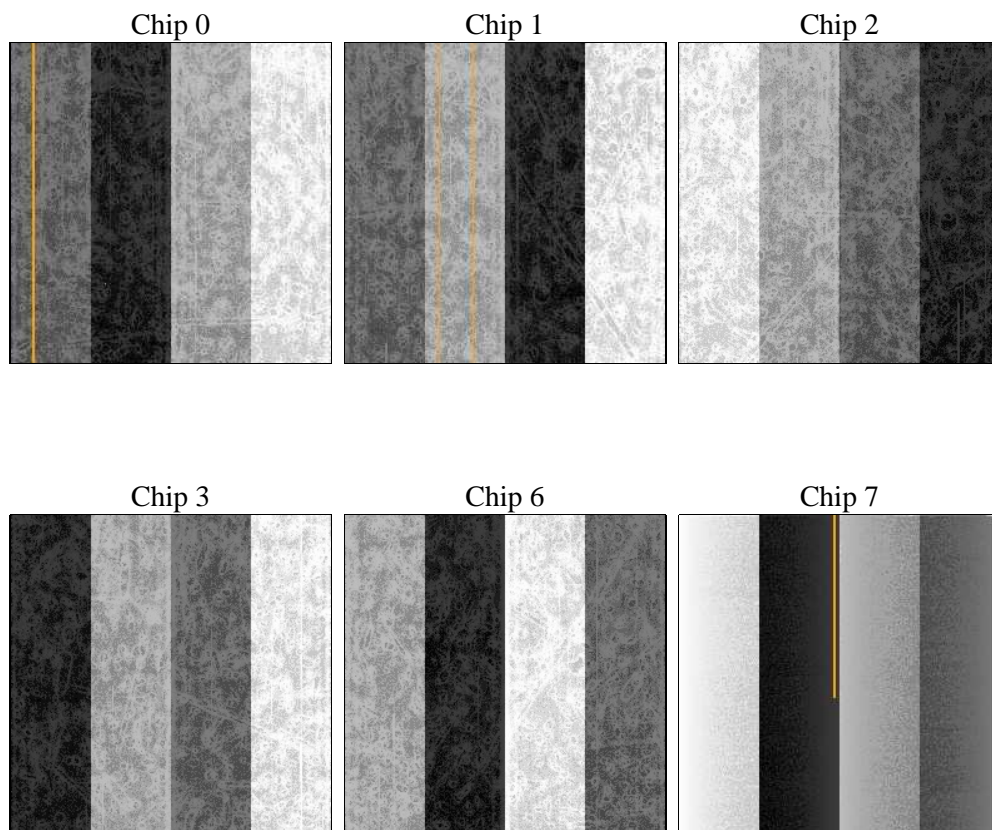
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1380	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	2185.5999919176	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	1867.9845314026	Sum of GTIs [s]
date	2012-05-06T16:09:05	Date and time of file creation	ontime1	1914.2309268117	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	1817.0427181125	Sum of GTIs [s]
			ontime3	1858.2617703676	Sum of GTIs [s]
			ontime6	1894.8671253324	Sum of GTIs [s]
			ontime7	2185.5999919176	Sum of GTIs [s]
			l1events	455028	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	72812	76771	80539	75025	78742	71139	grade 0 events	14451	14777	14742	14931	14990	8637
rejected events	48212	51182	56053	50278	52409	31495		19%	19%	18%	19%	19%	12%
rejected %	66%	66%	69%	67%	66%	44%	grade 1 events	98	96	108	116	71	41
								0%	0%	0%	0%	0%	0%
							grade 2 events	4983	5510	4734	4859	5419	10643
								6%	7%	5%	6%	6%	14%
							grade 3 events	1834	1785	1784	1781	1851	4173
								2%	2%	2%	2%	2%	5%
							grade 4 events	1851	1862	1795	1719	1828	4000
								2%	2%	2%	2%	2%	5%
							grade 5 events	952	1010	899	1091	1098	3139
								1%	1%	1%	1%	1%	4%
							grade 6 events	3954	4245	3907	3972	4880	16592
								5%	5%	4%	5%	6%	23%
							grade 7 events	44689	47486	52570	46556	48605	23914
								61%	61%	65%	62%	61%	33%

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	112.767949864031	112.7679498746323
[deg] Pointing Dec	3.208419592671548	3.208419647658305
[deg] Pointing Roll	39.67059956778222	39.67059960154405
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	315047692.191909	315047692.191909
Observation start date	2007-12-26T09:45:00	2007-12-26T09:14:52
[s] Observation end time (MET)	315051841.59658	315051841.59658
Observation end date	2007-12-26T10:08:00	2007-12-26T10:24:01
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1855999919176

A.2 Comments