

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61622 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 17 2012

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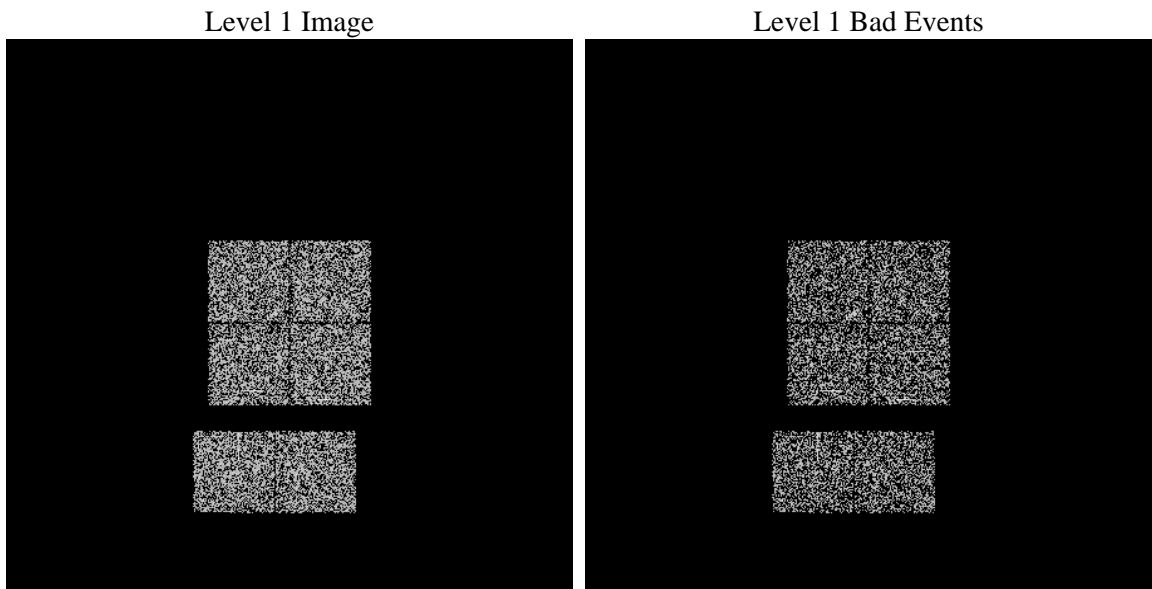
1 Front

seq_num	 	Sequence number
obs_id	61622	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	96.990051315787	Nominal RA [deg]
dec_nom	-31.027622380961	Nominal Dec [deg]
roll_nom	220.21035222758	Nominal Roll [deg]
revision	3	Processing version of data
ontime	19.20000000298	Sum of GTIs [s]
livetime	18.95687804209	Livetime [s]
ontime0	19.20000000298	Sum of GTIs [s]
ontime1	19.20000000298	Sum of GTIs [s]
ontime2	19.20000000298	Sum of GTIs [s]
ontime3	19.20000000298	Sum of GTIs [s]
ontime6	19.20000000298	Sum of GTIs [s]
ontime7	19.20000000298	Sum of GTIs [s]
l2events	7320	Number of level 2 events

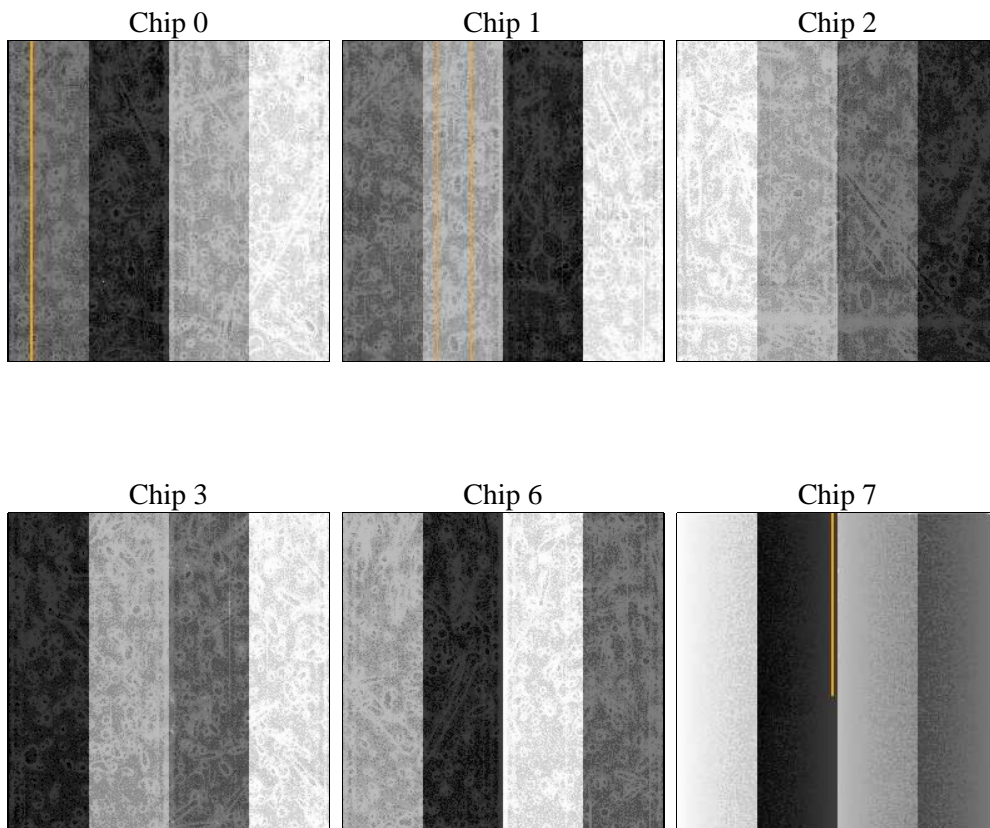
2 OBI

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	8.4.5	Processing system revision	ontime	19.20000000298	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	19.20000000298	Sum of GTIs [s]
date	2012-09-17T02:17:56	Date and time of file creation	ontime1	19.20000000298	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	19.20000000298	Sum of GTIs [s]
			ontime3	19.20000000298	Sum of GTIs [s]
			ontime6	19.20000000298	Sum of GTIs [s]
			ontime7	19.20000000298	Sum of GTIs [s]
			l1events	22881	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	3660	3760	3814	3892	3958	3797
rejected events	2427	2429	2628	2596	2651	2453
rejected %	66%	64%	68%	66%	66%	64%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1837	1898	1819	1879	1962	918
	50%	50%	47%	48%	49%	24%
grade 1 events	7	11	17	12	16	4
	0%	0%	0%	0%	0%	0%
grade 2 events	572	550	592	611	611	820
	15%	14%	15%	15%	15%	21%
grade 3 events	219	238	209	195	224	355
	5%	6%	5%	5%	5%	9%
grade 4 events	203	209	197	224	205	367
	5%	5%	5%	5%	5%	9%
grade 5 events	22	26	28	24	32	57
	0%	0%	0%	0%	0%	1%
grade 6 events	476	513	485	472	520	1077
	13%	13%	12%	12%	13%	28%
grade 7 events	324	315	467	475	388	199
	8%	8%	12%	12%	9%	5%

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	96.99005131578689
[deg] Pointing Dec	0	-31.02762238096145
[deg] Pointing Roll	0.0	220.210352227576
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	106908825.229169	106908824.46072
Observation start date	2001-05-22T08:53:45	2001-05-22T08:53:44
[s] Observation end time (MET)	106910616.929255	106910616.16079
Observation end date	2001-05-22T09:23:37	2001-05-22T09:23:36
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.01920000000298

A.2 Comments