

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61621 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 17 2012

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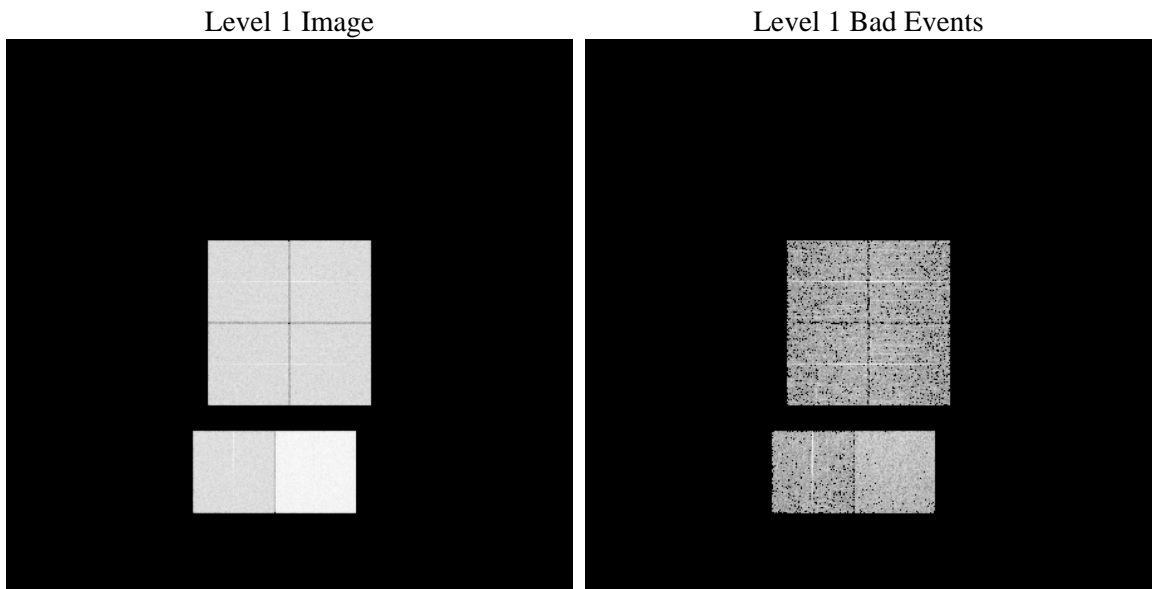
1 Front

seq_num	 	Sequence number
obs_id	61621	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	96.990151918415	Nominal RA [deg]
dec_nom	-31.027388461549	Nominal Dec [deg]
roll_nom	220.19073777595	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5008.9180083722	Sum of GTIs [s]
livetime	4945.4920725418	Livetime [s]
ontime0	2010.9672212899	Sum of GTIs [s]
ontime1	2059.5417612642	Sum of GTIs [s]
ontime2	1942.8237202168	Sum of GTIs [s]
ontime3	1993.2372522354	Sum of GTIs [s]
ontime6	2153.4495916814	Sum of GTIs [s]
ontime7	5008.9180083722	Sum of GTIs [s]
l2events	957198	Number of level 2 events

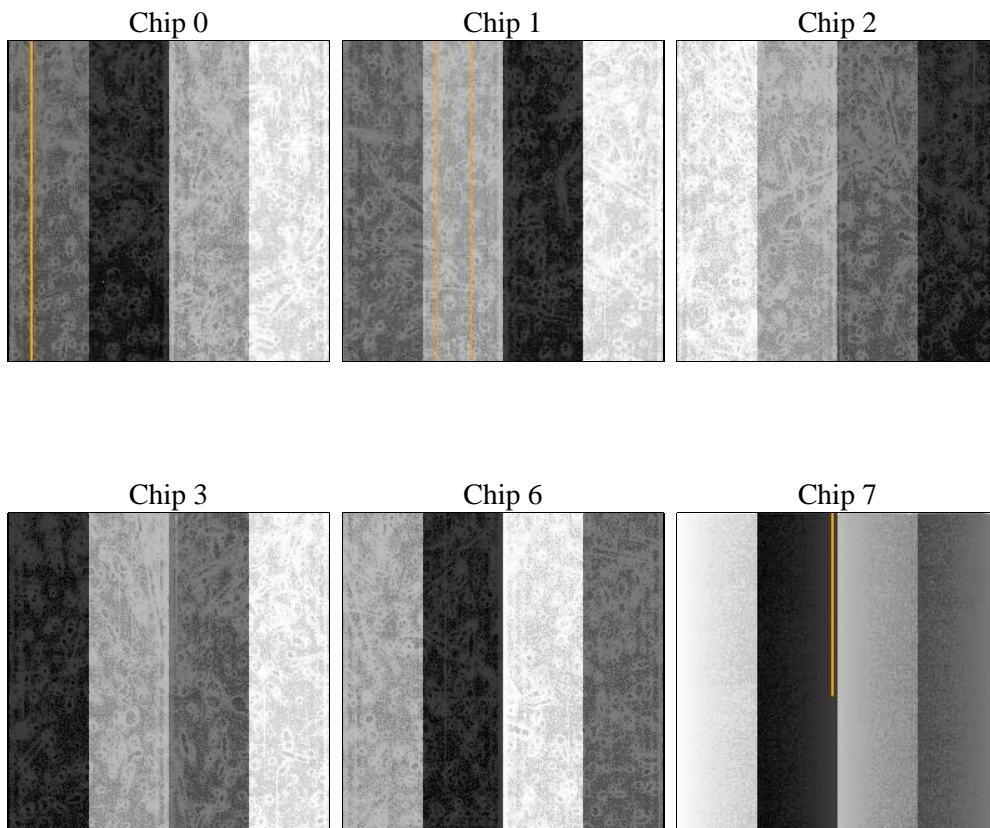
2 OBI

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	5008.9180083722	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2010.9672212899	Sum of GTIs [s]
date	2012-09-17T02:27:38	Date and time of file creation	ontime1	2059.5417612642	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	1942.8237202168	Sum of GTIs [s]
			ontime3	1993.2372522354	Sum of GTIs [s]
			ontime6	2153.4495916814	Sum of GTIs [s]
			ontime7	5008.9180083722	Sum of GTIs [s]
			l1events	1104929	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	143959	148950	142794	145960	161916	361350	grade 0 events	71298	73081	70663	72431	79456	86270
rejected events	15117	16286	16214	16199	16621	26844		49%	49%	49%	49%	49%	23%
rejected %	10%	10%	11%	11%	10%	7%	grade 1 events	360	355	362	402	419	224
								0%	0%	0%	0%	0%	0%
							grade 2 events	22842	23437	22318	23026	25033	73802
								15%	15%	15%	15%	15%	20%
							grade 3 events	8085	8496	8080	8296	9007	34613
								5%	5%	5%	5%	5%	9%
							grade 4 events	8183	8437	7858	8242	8986	34146
								5%	5%	5%	5%	5%	9%
							grade 5 events	1079	1170	1082	1123	1312	5723
								0%	0%	0%	0%	0%	1%
							grade 6 events	18662	19422	17851	17766	23042	105892
								12%	13%	12%	12%	14%	29%
							grade 7 events	13450	14552	14580	14674	14661	20680
								9%	9%	10%	10%	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	96.99015191841529
[deg] Pointing Dec	0	-31.02738846154858
[deg] Pointing Roll	0.0	220.1907377759474
[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)	106910616.929	106910616.16079
Observation start date	2001-05-22T09:23:37	2001-05-22T09:23:36
[s] Observation end time (MET)	106940581.78	106940581.01195
Observation end date	2001-05-22T17:43:02	2001-05-22T17:43:01
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	0.000000	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	5.0089180083722

A.2 Comments