

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 59946 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 12 2012

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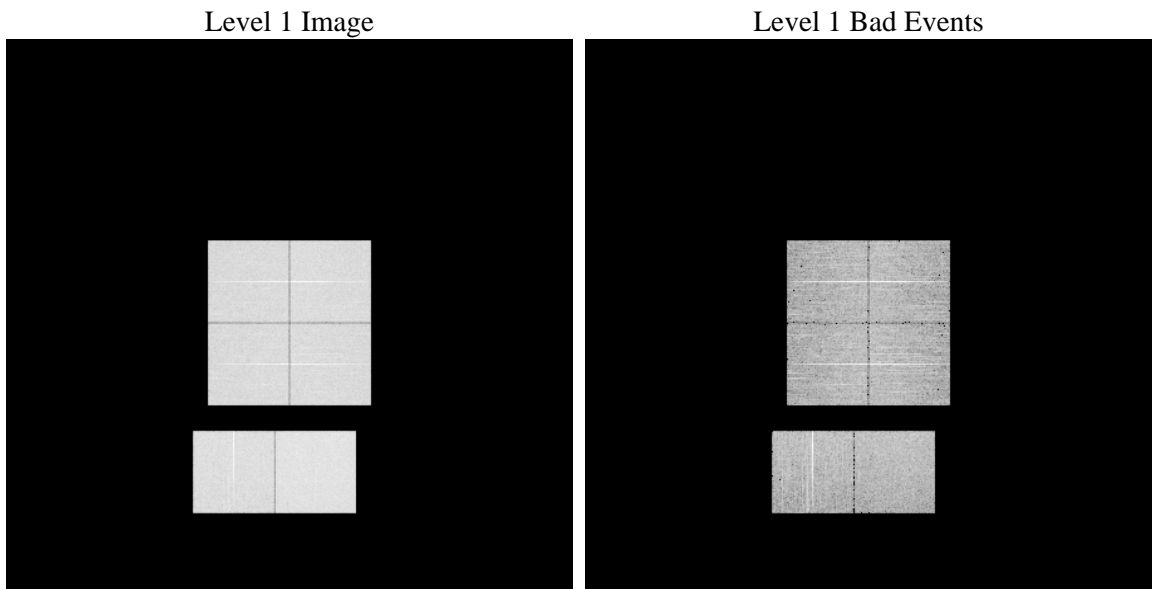
1 Front

seq_num	 	Sequence number
obs_id	59946	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	38.600963750989	Nominal RA [deg]
dec_nom	41.371403242704	Nominal Dec [deg]
roll_nom	238.57699584776	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7798.3999709487	Sum of GTIs [s]
livetime	7699.6519348838	Livetime [s]
ontime0	6395.0145501494	Sum of GTIs [s]
ontime1	6712.5903064311	Sum of GTIs [s]
ontime2	6255.5695498586	Sum of GTIs [s]
ontime3	6330.2333891392	Sum of GTIs [s]
ontime6	6890.7625818551	Sum of GTIs [s]
ontime7	7798.3999709487	Sum of GTIs [s]
l2events	1060356	Number of level 2 events

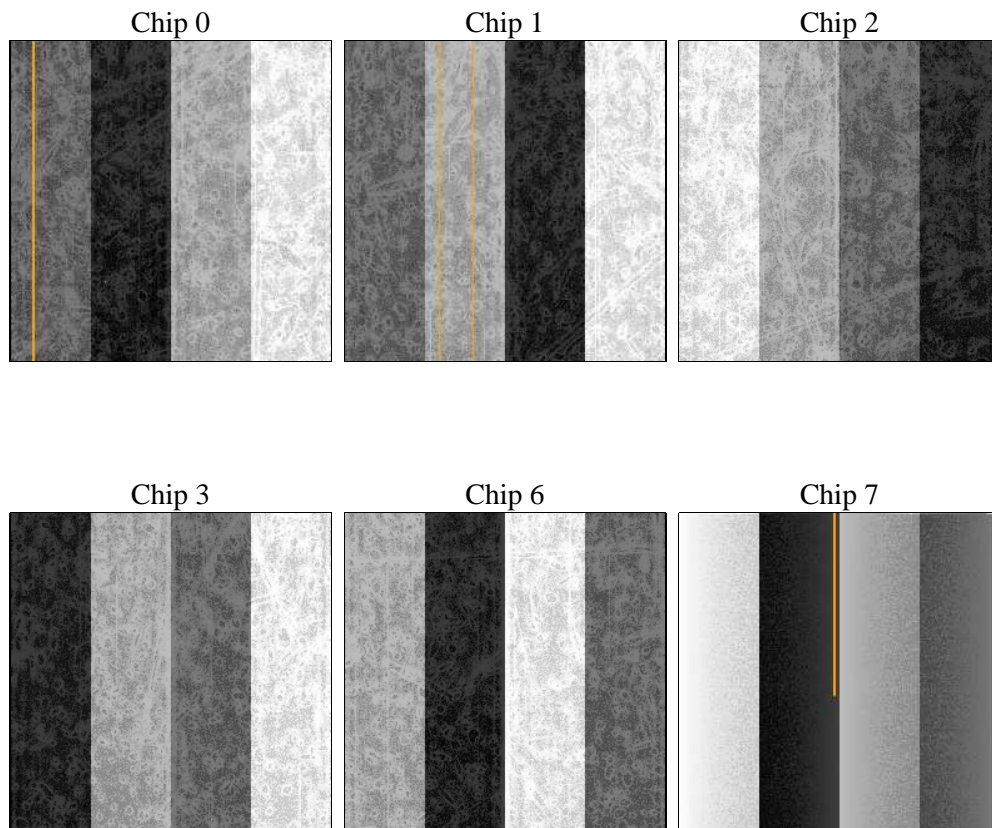
2 OBI

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	8.5.0.1	Processing system revision	ontime	7798.3999709487	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	6395.0145501494	Sum of GTIs [s]
date	2012-12-12T09:50:03	Date and time of file creation	ontime1	6712.5903064311	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6255.5695498586	Sum of GTIs [s]
			ontime3	6330.2333891392	Sum of GTIs [s]
			ontime6	6890.7625818551	Sum of GTIs [s]
			ontime7	7798.3999709487	Sum of GTIs [s]
			l1events	1410893	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	216710	227781	217483	221963	245373	281583	grade 0 events	94120	98064	95151	96227	104591	55606
rejected events	46375	48931	48525	51237	53129	49204		43%	43%	43%	43%	42%	19%
rejected %	21%	21%	22%	23%	21%	17%	grade 1 events	556	497	596	612	576	178
								0%	0%	0%	0%	0%	0%
							grade 2 events	29426	31939	28497	28794	33060	51069
								13%	14%	13%	12%	13%	18%
							grade 3 events	11124	11379	11136	11119	12088	23270
								5%	4%	5%	5%	4%	8%
							grade 4 events	10933	11342	10700	11177	11913	22905
								5%	4%	4%	5%	4%	8%
							grade 5 events	2883	3064	2620	3010	3304	8923
								1%	1%	1%	1%	1%	3%
							grade 6 events	24828	26204	23571	23506	30686	79631
								11%	11%	10%	10%	12%	28%
							grade 7 events	42840	45292	45212	47518	49155	40001
								19%	19%	20%	21%	20%	14%

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	38.60096375098907
[deg] Pointing Dec	0	41.37140324270376
[deg] Pointing Roll	0.0	238.5769958477561
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	218175644.91325	218175643.88825
Observation start date	2004-11-30T04:20:45	2004-11-30T04:20:43
[s] Observation end time (MET)	218213496.114952	218213495.08996
Observation end date	2004-11-30T14:51:36	2004-11-30T14:51:35
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7983999709487

A.2 Comments