

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57672 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 18 2012

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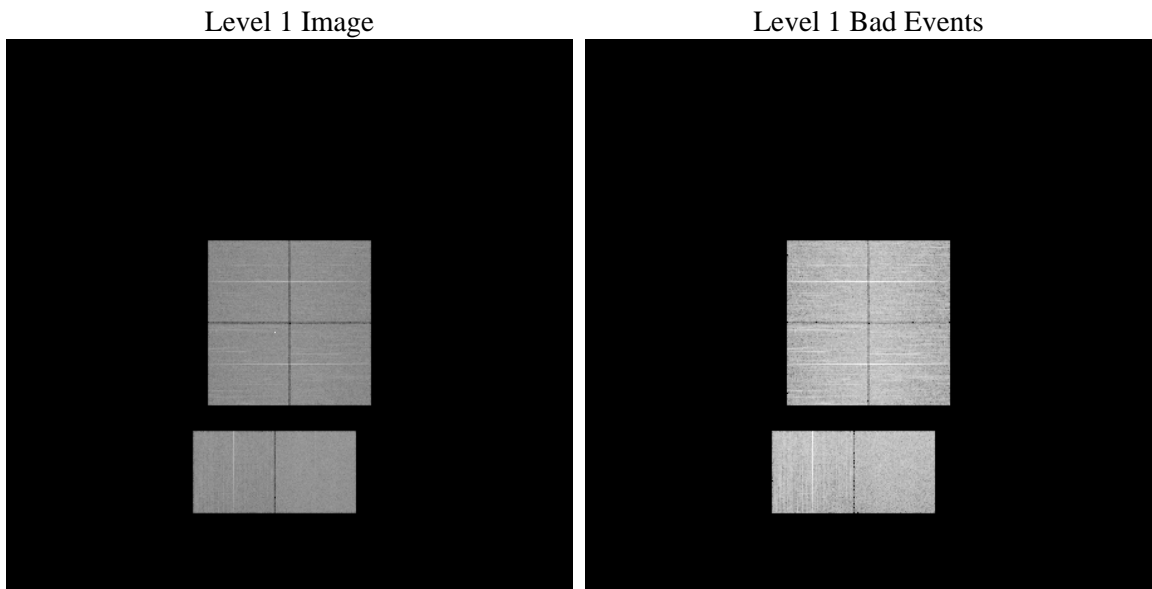
1 Front

seq_num	 	Sequence number
obs_id	57672	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	330.01285809249	Nominal RA [deg]
dec_nom	-47.972595119153	Nominal Dec [deg]
roll_nom	39.773057773474	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8195.1999695301	Sum of GTIs [s]
livetime	8091.4274129589	Livetime [s]
ontime0	8182.212295115	Sum of GTIs [s]
ontime1	8191.8942360282	Sum of GTIs [s]
ontime2	8195.0941963792	Sum of GTIs [s]
ontime3	8195.1999695301	Sum of GTIs [s]
ontime6	8195.0531563759	Sum of GTIs [s]
ontime7	8195.1999695301	Sum of GTIs [s]
l2events	566813	Number of level 2 events

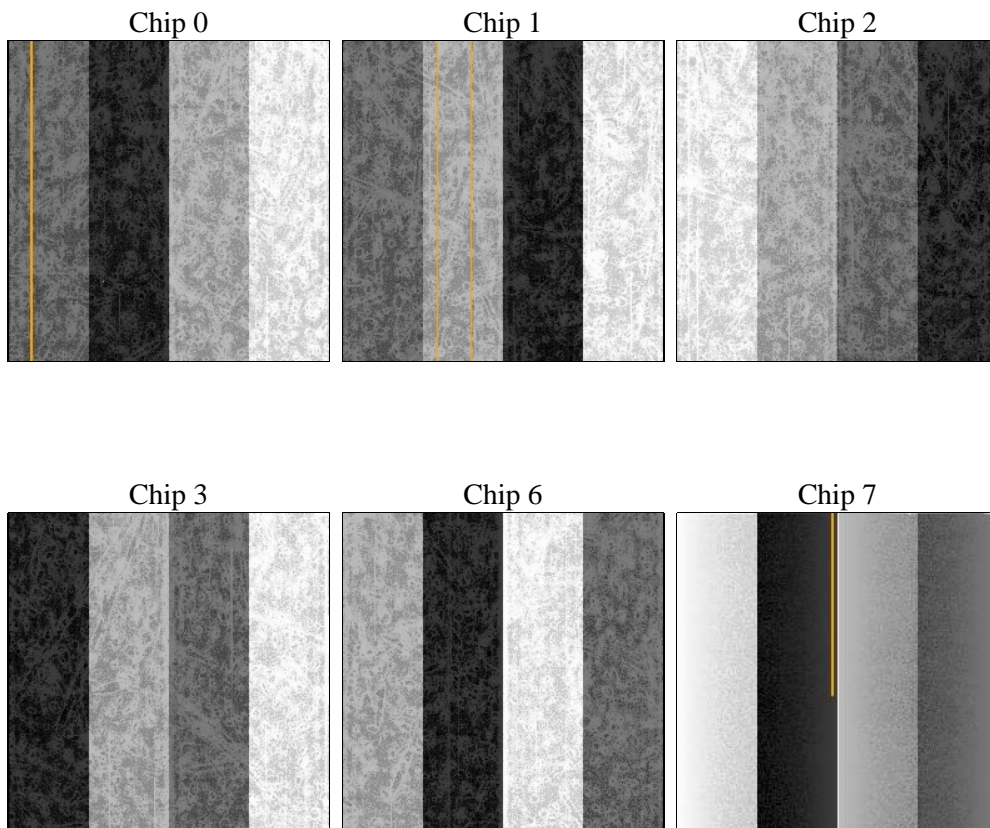
2 OBI

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	8.4.4	Processing system revision	ontime	8195.1999695301	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8182.212295115	Sum of GTIs [s]
date	2012-05-18T16:05:38	Date and time of file creation	ontime1	8191.8942360282	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8195.0941963792	Sum of GTIs [s]
			ontime3	8195.1999695301	Sum of GTIs [s]
			ontime6	8195.0531563759	Sum of GTIs [s]
			ontime7	8195.1999695301	Sum of GTIs [s]
			l1events	1028562	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	160262	162240	170053	169340	172686	193981	grade 0 events	50406	50150	53998	52109	51558	25298
rejected events	67568	68579	74405	75523	76006	66318		31%	30%	31%	30%	29%	13%
rejected %	42%	42%	43%	44%	44%	34%	grade 1 events	362	274	404	382	313	162
								0%	0%	0%	0%	0%	0%
							grade 2 events	16595	17505	16037	16372	17125	28105
								10%	10%	9%	9%	9%	14%
							grade 3 events	6242	6190	6322	6309	6482	12051
								3%	3%	3%	3%	3%	6%
							grade 4 events	6327	6324	6496	6435	6292	12238
								3%	3%	3%	3%	3%	6%
							grade 5 events	3850	3967	3722	4343	4184	10708
								2%	2%	2%	2%	2%	5%
							grade 6 events	13989	14370	13678	13506	16148	51140
								8%	8%	8%	7%	9%	26%
							grade 7 events	62491	63460	69396	69884	70584	54279
								38%	39%	40%	41%	40%	27%

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	330.0128580924872
[deg] Pointing Dec	0	-47.9725951191531
[deg] Pointing Roll	0.0	39.77305777347389
[mm] SIM focus pos	-1.429586	-0.7809083437167272
[mm] SIM defocus	0.1037507710433287	0.7524282956875696
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	333598399.34516	333598398.32019
Observation start date	2008-07-28T02:13:19	2008-07-28T02:13:18
[s] Observation end time (MET)	333611060.145779	333611059.12081
Observation end date	2008-07-28T05:44:20	2008-07-28T05:44:19
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)	2012.05.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1951999695301

A.2 Comments