

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61722 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 12 2012

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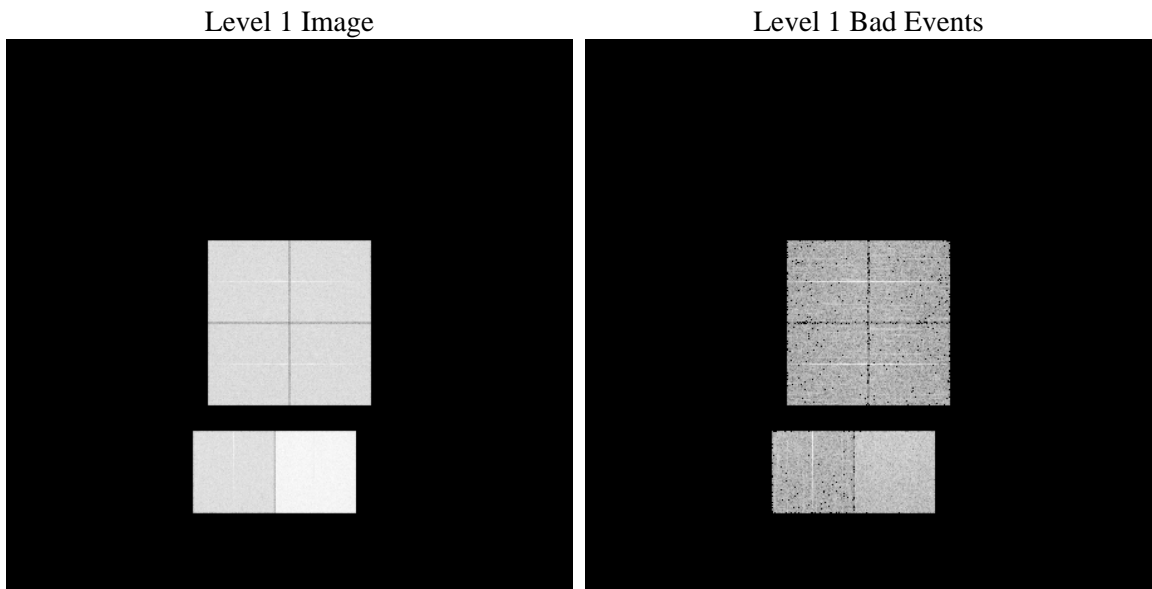
1 Front

seq_num	 	Sequence number
obs_id	61722	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	112.92965412597	Nominal RA [deg]
dec_nom	-57.269472007109	Nominal Dec [deg]
roll_nom	315.92173641857	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5934.0235910267	Sum of GTIs [s]
livetime	5858.883411277	Livetime [s]
ontime0	2452.7825523168	Sum of GTIs [s]
ontime1	2463.0032926053	Sum of GTIs [s]
ontime2	2317.1976725608	Sum of GTIs [s]
ontime3	2349.4439722151	Sum of GTIs [s]
ontime6	2595.967822969	Sum of GTIs [s]
ontime7	5934.0235910267	Sum of GTIs [s]
l2events	1208236	Number of level 2 events

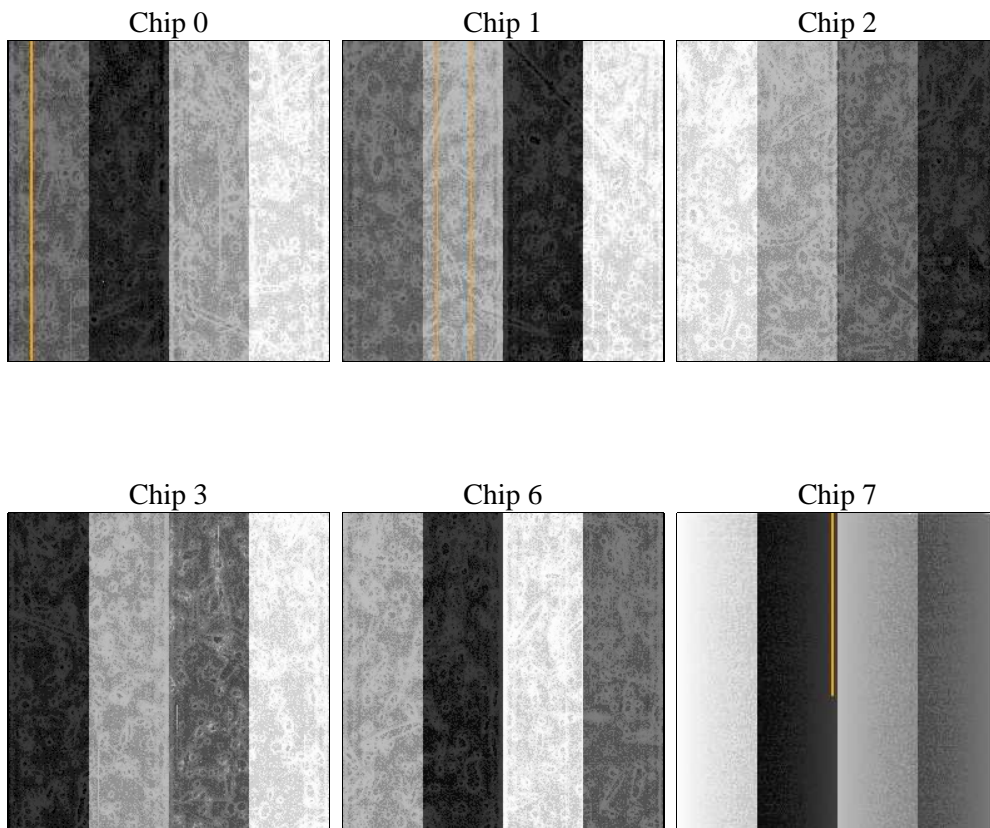
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3960	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5934.0235910267	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2452.7825523168	Sum of GTIs [s]
date	2012-09-12T04:39:10	Date and time of file creation	ontime1	2463.0032926053	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2317.1976725608	Sum of GTIs [s]
			ontime3	2349.4439722151	Sum of GTIs [s]
			ontime6	2595.967822969	Sum of GTIs [s]
			ontime7	5934.0235910267	Sum of GTIs [s]
			l1events	1421570	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	190284	190887	182293	185575	210960	461571	grade 0 events	94364	94653	90372	92765	103825	109957
rejected events	23640	22848	23246	23642	25723	43279		49%	49%	49%	49%	49%	23%
rejected %	12%	11%	12%	12%	12%	9%	grade 1 events	494	470	474	489	504	288
								0%	0%	0%	0%	0%	0%
							grade 2 events	30199	30360	28653	29039	32756	95356
								15%	15%	15%	15%	15%	20%
							grade 3 events	10870	11013	10207	10597	11767	43941
								5%	5%	5%	5%	5%	9%
							grade 4 events	10676	10822	10166	10416	11822	43527
								5%	5%	5%	5%	5%	9%
							grade 5 events	1401	1447	1367	1478	1701	6985
								0%	0%	0%	0%	0%	1%
							grade 6 events	25009	24911	23189	23147	29721	136281
								13%	13%	12%	12%	14%	29%
							grade 7 events	17271	17211	17865	17644	18864	25236
								9%	9%	9%	9%	8%	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	112.9296541133506	112.9296541259666
[deg] Pointing Dec	-57.26947200448626	-57.26947200710936
[deg] Pointing Roll	315.9217364078959	315.9217364185662
[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)	99825751.05500001	99825751.05500001
Observation start date	2001-03-01T09:41:00	2001-03-01T09:22:31
[s] Observation end time (MET)	99835089.82764681	99835089.82764681
Observation end date	2001-03-01T10:47:00	2001-03-01T11:58:09
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)	2012.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.9340235910267

A.2 Comments

Contains data from both obsids 61722 and 61721.