

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62871 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 4 2012

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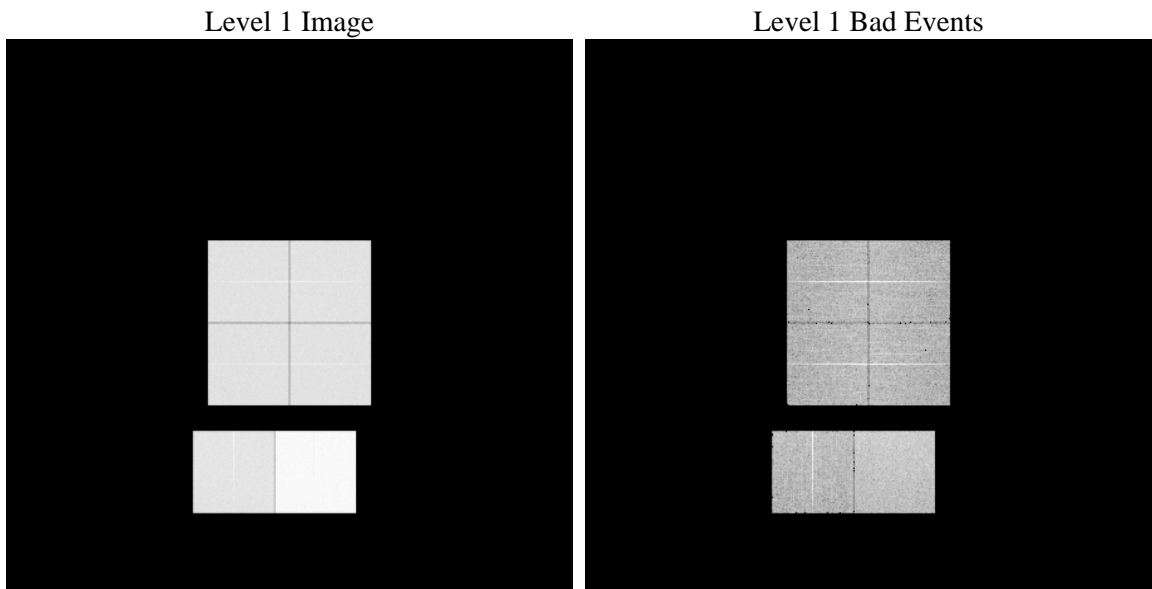
1 Front

seq_num	 	Sequence number
obs_id	62871	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	131.42273630535	Nominal RA [deg]
dec_nom	7.4508107252795	Nominal Dec [deg]
roll_nom	70.221381218824	Nominal Roll [deg]
revision	3	Processing version of data
ontime	16785.142013356	Sum of GTIs [s]
livetime	16572.598438384	Livetime [s]
ontime0	7444.3357325494	Sum of GTIs [s]
ontime1	7599.8980513364	Sum of GTIs [s]
ontime2	7152.9722694308	Sum of GTIs [s]
ontime3	7311.4532524794	Sum of GTIs [s]
ontime6	7817.3845407516	Sum of GTIs [s]
ontime7	16785.142013356	Sum of GTIs [s]
l2events	3865125	Number of level 2 events

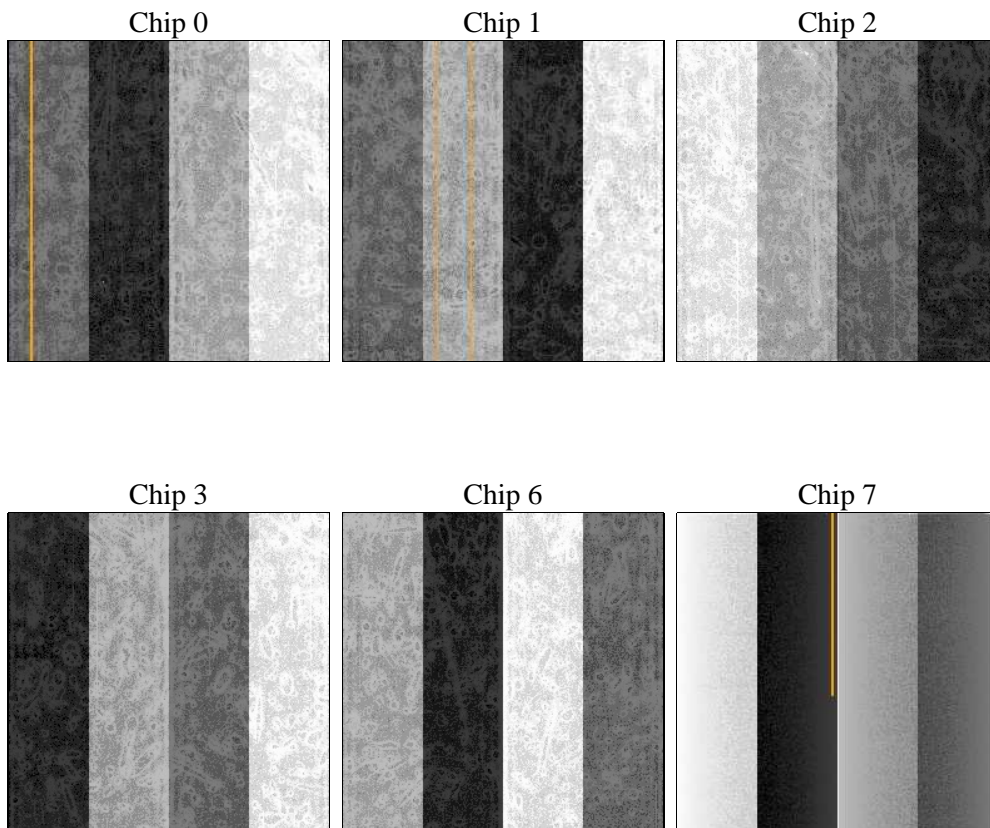
2 OBI

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	16785.142013356	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	7444.3357325494	Sum of GTIs [s]
date	2012-09-04T05:52:53	Date and time of file creation	ontime1	7599.8980513364	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7152.9722694308	Sum of GTIs [s]
			ontime3	7311.4532524794	Sum of GTIs [s]
			ontime6	7817.3845407516	Sum of GTIs [s]
			ontime7	16785.142013356	Sum of GTIs [s]
			l1events	4379766	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	596498	609493	580818	596761	658889	1337307	grade 0 events	300771	308726	295334	304952	329124	326241
rejected events	52127	52731	52936	54331	57562	78955		50%	50%	50%	51%	49%	24%
rejected %	8%	8%	9%	9%	8%	5%	grade 1 events	1493	1417	1410	1522	1573	835
								0%	0%	0%	0%	0%	0%
							grade 2 events	96722	98537	92418	94903	104303	279523
								16%	16%	15%	15%	15%	20%
							grade 3 events	34618	35062	32904	34241	37240	129188
								5%	5%	5%	5%	5%	9%
							grade 4 events	34597	35009	33162	34065	37018	128004
								5%	5%	5%	5%	5%	9%
							grade 5 events	3989	4156	3920	4204	4672	17311
								0%	0%	0%	0%	0%	1%
							grade 6 events	78843	80647	75302	75508	95224	398547
								13%	13%	12%	12%	14%	29%
							grade 7 events	45465	45939	46368	47366	49735	57658
								7%	7%	7%	7%	7%	4%

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	131.4227363053525
[deg] Pointing Dec	0	7.450810725279521
[deg] Pointing Roll	0.0	70.22138121882389
[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)	91767309.395	91767308.626853
Observation start date	2000-11-28T02:55:09	2000-11-28T02:55:08
[s] Observation end time (MET)	91793045.096	91793044.32783601
Observation end date	2000-11-28T10:04:05	2000-11-28T10:04:04
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)	2012.09.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	16.785142013356

A.2 Comments