

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 59874 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Dec 15 2012

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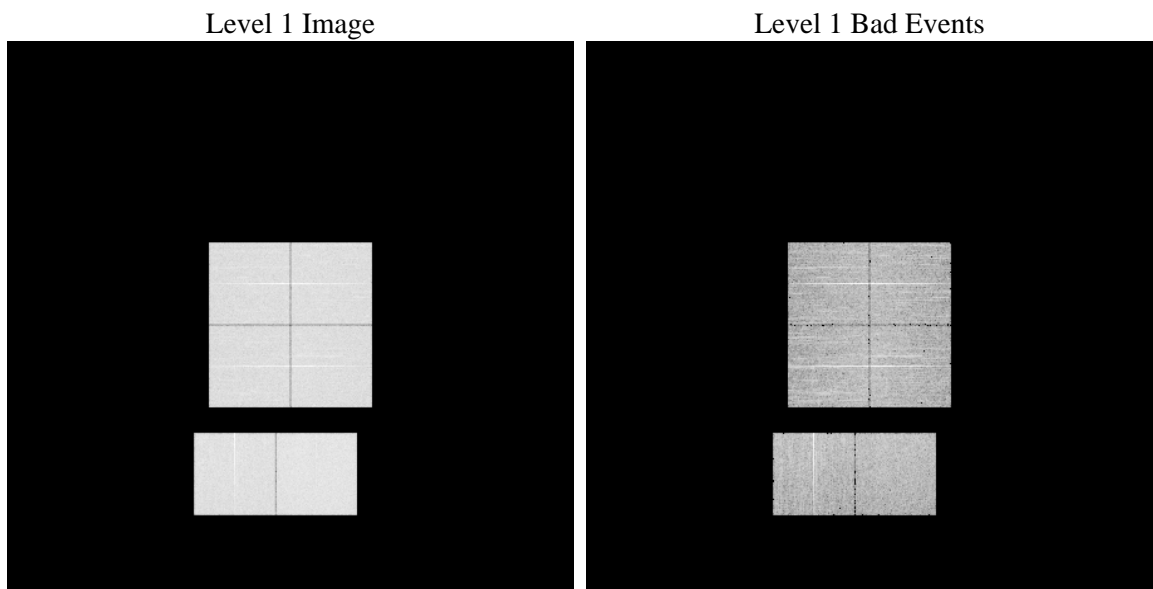
1 Front

seq_num	 	Sequence number
obs_id	59874	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	142.99169072436	Nominal RA [deg]
dec_nom	16.02751845799	Nominal Dec [deg]
roll_nom	73.442674310111	Nominal Roll [deg]
revision	4	Processing version of data
ontime	7692.7999713421	Sum of GTIs [s]
livetime	7595.3891060569	Livetime [s]
ontime0	6684.8535702825	Sum of GTIs [s]
ontime1	6853.3844673336	Sum of GTIs [s]
ontime2	6469.0553072989	Sum of GTIs [s]
ontime3	6673.0732453763	Sum of GTIs [s]
ontime6	7067.2637948692	Sum of GTIs [s]
ontime7	7692.7999713421	Sum of GTIs [s]
l2events	1066994	Number of level 2 events

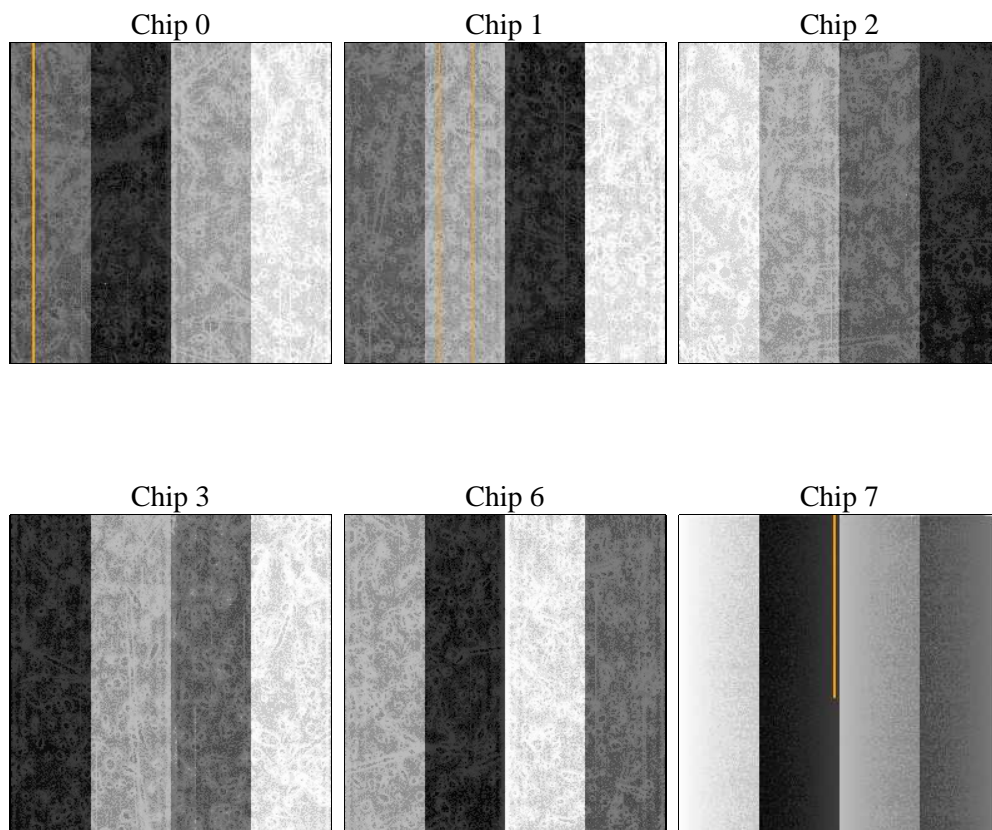
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6420	[s] Scheduled observation exposure time
ascdsver	8.5.1	Processing system revision	ontime	7692.7999713421	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	6684.8535702825	Sum of GTIs [s]
date	2012-12-16T01:23:39	Date and time of file creation	ontime1	6853.3844673336	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	6469.0553072989	Sum of GTIs [s]
			ontime3	6673.0732453763	Sum of GTIs [s]
			ontime6	7067.2637948692	Sum of GTIs [s]
			ontime7	7692.7999713421	Sum of GTIs [s]
			l1events	1409377	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	220589	226428	219860	226330	245473	270697	grade 0 events	97818	99463	97594	101186	106824	54282
rejected events	45755	46770	48456	49097	51096	47560		44%	43%	44%	44%	43%	20%
rejected %	20%	20%	22%	21%	20%	17%	grade 1 events	568	482	589	516	521	170
								0%	0%	0%	0%	0%	0%
							grade 2 events	30855	32902	28878	30301	34024	50082
								13%	14%	13%	13%	13%	18%
							grade 3 events	11454	11441	11318	11723	11977	22263
								5%	5%	5%	5%	4%	8%
							grade 4 events	11350	11702	11370	11575	12390	22094
								5%	5%	5%	5%	5%	8%
							grade 5 events	2787	2883	2588	2890	3226	7751
								1%	1%	1%	1%	1%	2%
							grade 6 events	25783	26812	24456	24847	31751	77653
								11%	11%	11%	10%	12%	28%
							grade 7 events	39974	40743	43067	43292	44760	36402
								18%	17%	19%	19%	18%	13%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	OVERRIDE	OVERRIDE
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	142.9916824557134	142.9916907243649	Subarray requested	NONE	NONE
[deg] Pointing Dec	16.027491841336	16.0275184579902	Alternating exposures requested	N	N
[deg] Pointing Roll	73.44267658553636	73.44267431011104	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119			
[mm] SIM defocus	0.8505140384245534	0.8505140384245534			
[mm] SIM translation stage pos	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	221374096.057257	221374096.057257			
Observation start date	2005-01-06T05:01:00	2005-01-06T04:48:16			
[s] Observation end time (MET)	221383613.897037	221383613.897037			
Observation end date	2005-01-06T06:48:00	2005-01-06T07:26:53			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.6927999713421

A.2 Comments