

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58404 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 24 2012

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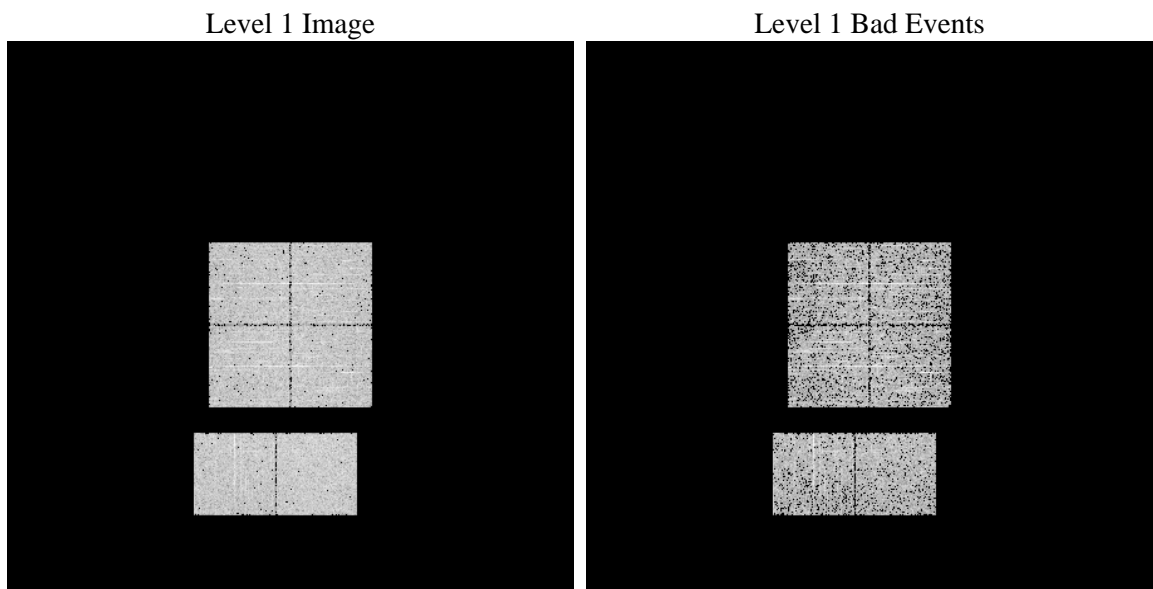
1 Front

seq_num	 	Sequence number
obs_id	58404	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	234.9714045479	Nominal RA [deg]
dec_nom	14.993164962412	Nominal Dec [deg]
roll_nom	161.11925910387	Nominal Roll [deg]
revision	3	Processing version of data
ontime	687.3405995965	Sum of GTIs [s]
livetime	678.63707905759	Livetime [s]
ontime0	687.2995595932	Sum of GTIs [s]
ontime1	687.2585195899	Sum of GTIs [s]
ontime2	687.2174795866	Sum of GTIs [s]
ontime3	687.3816395998	Sum of GTIs [s]
ontime6	687.1764395833	Sum of GTIs [s]
ontime7	687.3405995965	Sum of GTIs [s]
l2events	66152	Number of level 2 events

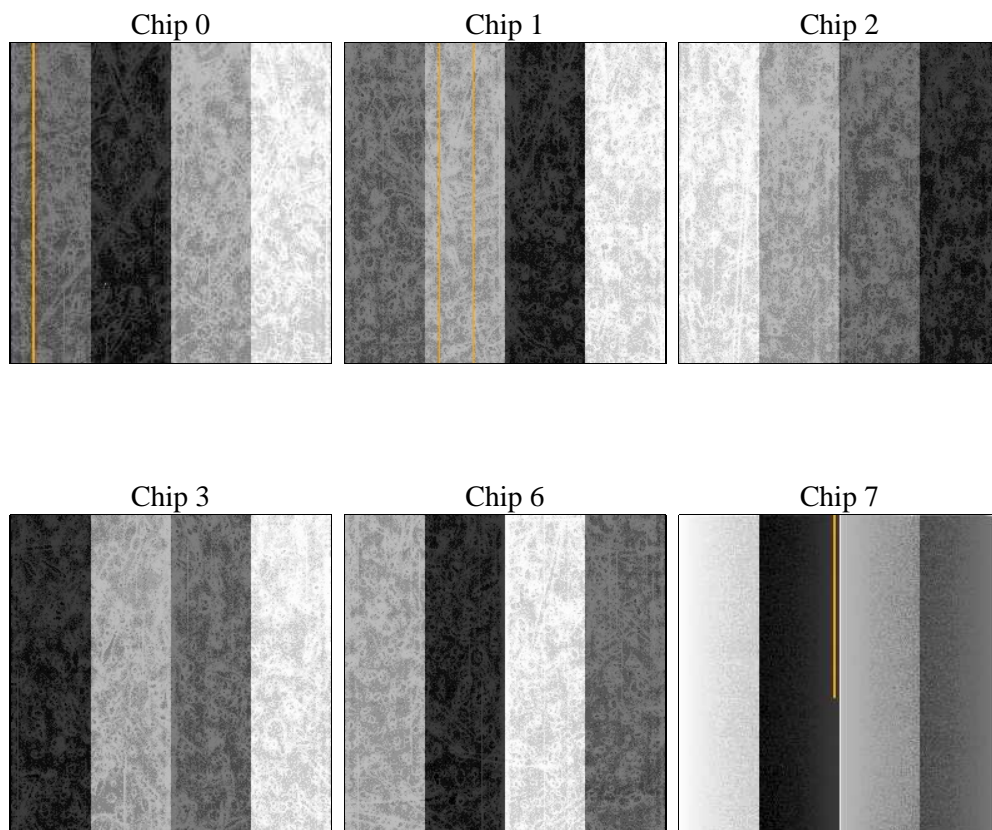
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	960	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	687.3405995965	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	687.2995595932	Sum of GTIs [s]
date	2012-04-24T11:02:54	Date and time of file creation	ontime1	687.2585195899	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	687.2174795866	Sum of GTIs [s]
			ontime3	687.3816395998	Sum of GTIs [s]
			ontime6	687.1764395833	Sum of GTIs [s]
			ontime7	687.3405995965	Sum of GTIs [s]
			l1events	142272	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	22389	22830	23824	23317	24026	25886
rejected events	11437	11775	12651	12053	12560	11969
rejected %	51%	51%	53%	51%	52%	46%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	7891	7836	7939	8078	8079	4061
	35%	34%	33%	34%	33%	15%
grade 1 events	57	51	52	64	41	17
	0%	0%	0%	0%	0%	0%
grade 2 events	2543	2749	2572	2534	2641	4103
	11%	12%	10%	10%	10%	15%
grade 3 events	937	968	996	997	1045	1804
	4%	4%	4%	4%	4%	6%
grade 4 events	987	916	949	1021	1013	1745
	4%	4%	3%	4%	4%	6%
grade 5 events	404	484	398	513	487	1182
	1%	2%	1%	2%	2%	4%
grade 6 events	2255	2259	2291	2311	2605	6904
	10%	9%	9%	9%	10%	26%
grade 7 events	7315	7567	8627	7799	8115	6070
	32%	33%	36%	33%	33%	23%

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	234.9715320172564	234.9714045479035	Subarray requested	NONE	NONE
[deg] Pointing Dec	14.99318142854132	14.99316496241233	Alternating exposures requested	N	N
[deg] Pointing Roll	161.1192261201798	161.119259103866	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673			
[mm] SIM defocus	0.7524282194390134	0.7524282194390134			
[mm] SIM translation stage pos	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	294942291.625501	294942291.625501			
Observation start date	2007-05-07T16:43:00	2007-05-07T16:24:51			
[s] Observation end time (MET)	294944929.468307	294944929.468307			
Observation end date	2007-05-07T16:59:00	2007-05-07T17:08:49			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.6873405995965

A.2 Comments