

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55129 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 24 2012

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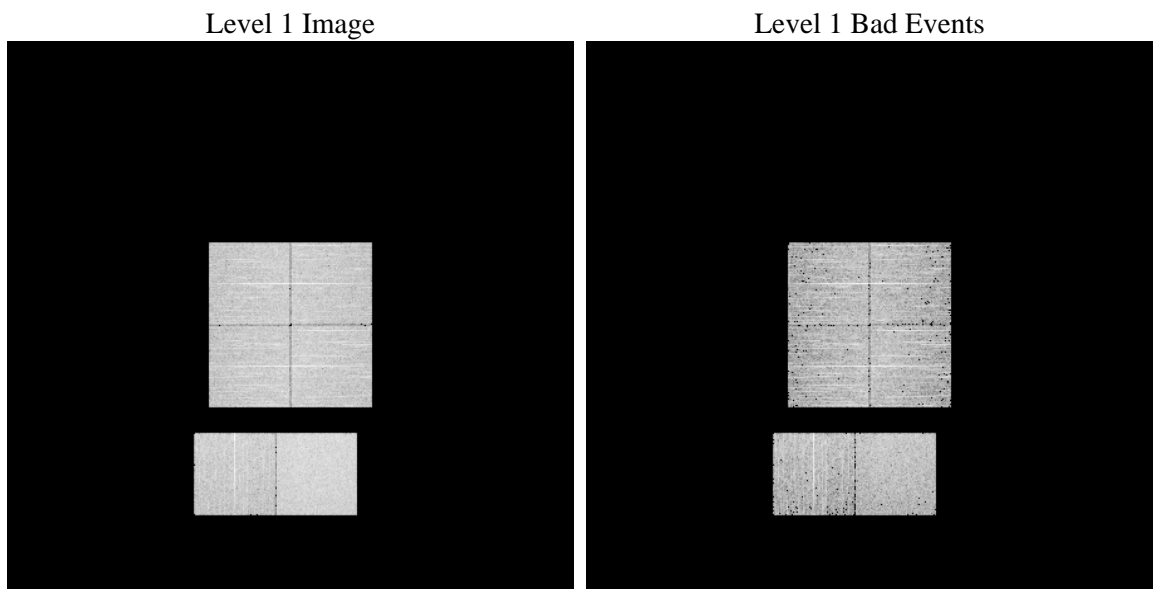
1 Front

seq_num	 	Sequence number
obs_id	55129	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	353.26386381268	Nominal RA [deg]
dec_nom	-14.855765936775	Nominal Dec [deg]
roll_nom	313.30879573605	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5678.0960956812	Sum of GTIs [s]
livetime	5606.1966239787	Livetime [s]
ontime0	5571.1842117906	Sum of GTIs [s]
ontime1	5569.8060150146	Sum of GTIs [s]
ontime2	5566.5649750233	Sum of GTIs [s]
ontime3	5571.102131784	Sum of GTIs [s]
ontime6	5573.047055006	Sum of GTIs [s]
ontime7	5678.0960956812	Sum of GTIs [s]
l2events	194487	Number of level 2 events

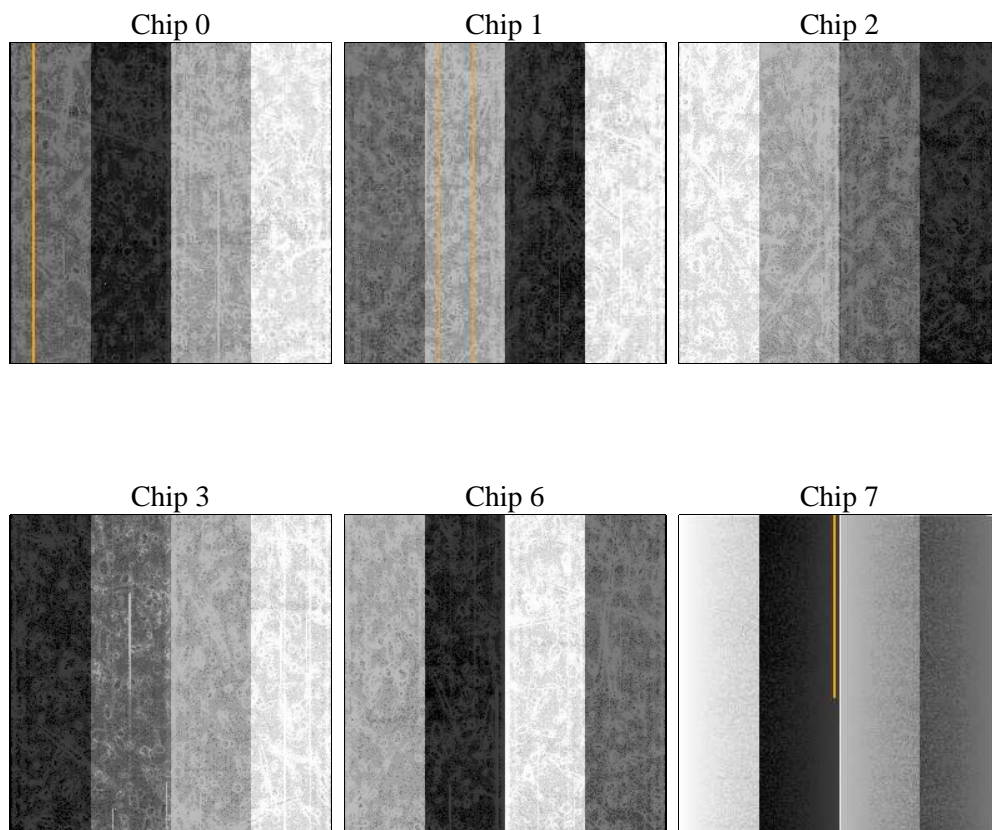
2 OBI

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	8.4.3	Processing system revision	ontime	5678.0960956812	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	5571.1842117906	Sum of GTIs [s]
date	2012-02-24T08:19:01	Date and time of file creation	ontime1	5569.8060150146	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5566.5649750233	Sum of GTIs [s]
			ontime3	5571.102131784	Sum of GTIs [s]
			ontime6	5573.047055006	Sum of GTIs [s]
			ontime7	5678.0960956812	Sum of GTIs [s]
			l1events	414397	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	64548	63324	64944	67497	66059	88025	grade 0 events	16179	15805	16352	16642	16304	8680
rejected events	33620	32349	34525	36374	34476	37651		25%	24%	25%	24%	24%	9%
rejected %	52%	51%	53%	53%	52%	42%	grade 1 events	94	86	94	105	99	96
								0%	0%	0%	0%	0%	0%
							grade 2 events	5727	6007	5274	5501	5706	10763
								8%	9%	8%	8%	8%	12%
							grade 3 events	2163	2079	2085	2111	2067	4415
								3%	3%	3%	3%	3%	5%
							grade 4 events	2104	2096	2170	2202	2090	4404
								3%	3%	3%	3%	3%	5%
							grade 5 events	2203	2169	2122	2284	2364	5885
								3%	3%	3%	3%	3%	6%
							grade 6 events	4755	4988	4538	4667	5416	22112
								7%	7%	6%	6%	8%	25%
							grade 7 events	31323	30094	32309	33985	32013	31670
								48%	47%	49%	50%	48%	35%

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	353.2638638126826
[deg] Pointing Dec	0	-14.85576593677474
[deg] Pointing Roll	0.0	313.3087957360493
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	434578188.95503	434578187.93004
Observation start date	2011-10-09T20:09:49	2011-10-09T20:09:47
[s] Observation end time (MET)	434585126.155394	434585125.1304
Observation end date	2011-10-09T22:05:26	2011-10-09T22:05:25
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.02.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.6780960956812

A.2 Comments