

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57943 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 10 2012

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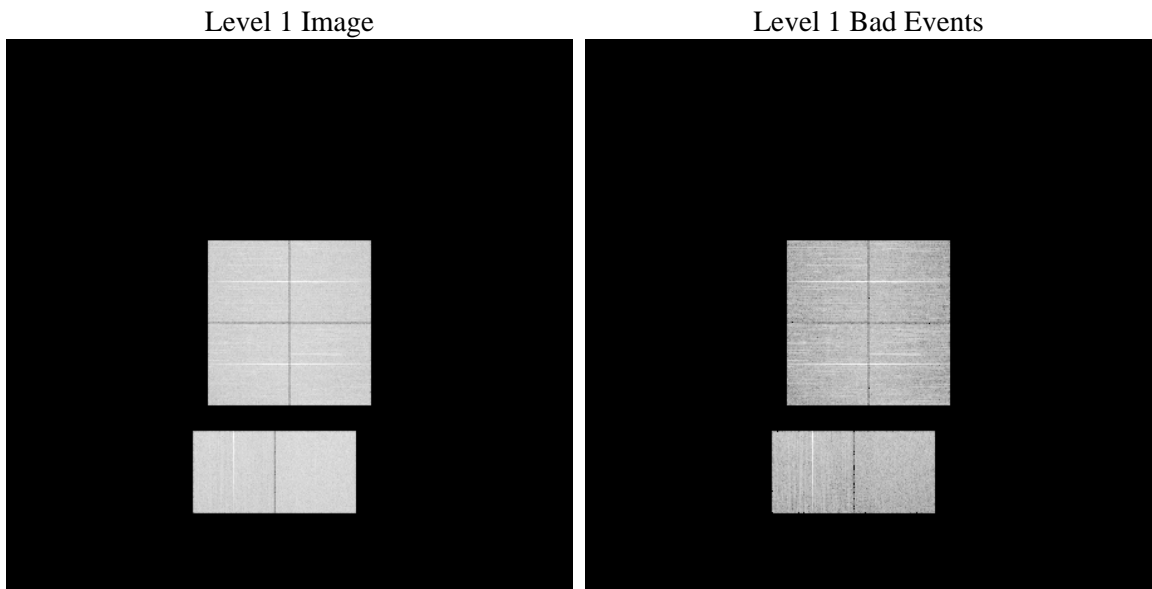
1 Front

seq_num	 	Sequence number
obs_id	57943	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	162.23490811202	Nominal RA [deg]
dec_nom	35.803825368949	Nominal Dec [deg]
roll_nom	175.44952279449	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7756.7999711633	Sum of GTIs [s]
livetime	7658.5786993442	Livetime [s]
ontime0	7756.7999711633	Sum of GTIs [s]
ontime1	7756.7999711633	Sum of GTIs [s]
ontime2	7756.7999711633	Sum of GTIs [s]
ontime3	7756.7999711633	Sum of GTIs [s]
ontime6	7756.7999711633	Sum of GTIs [s]
ontime7	7756.7999711633	Sum of GTIs [s]
l2events	689099	Number of level 2 events

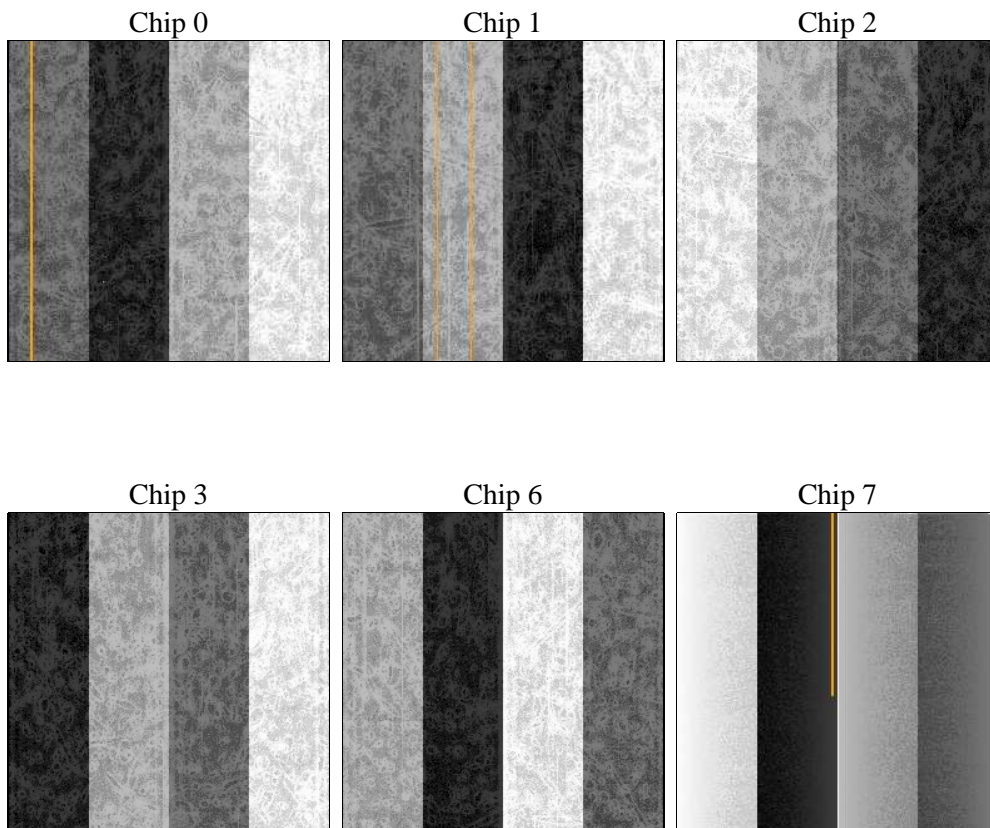
2 OBI

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	8.4.4	Processing system revision	ontime	7756.7999711633	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7756.7999711633	Sum of GTIs [s]
date	2012-05-10T12:26:09	Date and time of file creation	ontime1	7756.7999711633	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7756.7999711633	Sum of GTIs [s]
			ontime3	7756.7999711633	Sum of GTIs [s]
			ontime6	7756.7999711633	Sum of GTIs [s]
			ontime7	7756.7999711633	Sum of GTIs [s]
			l1events	1152755	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	185475	183668	187809	191573	192881	211349	grade 0 events	62003	60382	62531	63223	62032	31064
rejected events	70447	68129	73629	75728	73544	64677		33%	32%	33%	33%	32%	14%
rejected %	37%	37%	39%	39%	38%	30%	grade 1 events	452	383	484	479	421	166
								0%	0%	0%	0%	0%	0%
							grade 2 events	20439	21863	19543	19884	21260	32081
								11%	11%	10%	10%	11%	15%
							grade 3 events	7487	7344	7445	7550	7498	13579
								4%	3%	3%	3%	3%	6%
							grade 4 events	7239	7446	7547	7733	7335	13442
								3%	4%	4%	4%	3%	6%
							grade 5 events	3899	3968	3706	4191	4066	10575
								2%	2%	1%	2%	2%	5%
							grade 6 events	18456	19087	17690	18075	21863	57193
								9%	10%	9%	9%	11%	27%
							grade 7 events	65500	63195	68863	70438	68406	53249
								35%	34%	36%	36%	35%	25%

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	162.2349080187671	162.23490811202
[deg] Pointing Dec	35.80382507048468	35.80382536894916
[deg] Pointing Roll	175.449522804577	175.4495227944944
[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)	320525522.057515	320525522.057515
Observation start date	2008-02-27T19:21:00	2008-02-27T18:52:02
[s] Observation end time (MET)	320535039.162507	320535039.162507
Observation end date	2008-02-27T21:08:00	2008-02-27T21:30:39
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)	2012.05.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7567999711633

A.2 Comments