

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56043 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 2 2012

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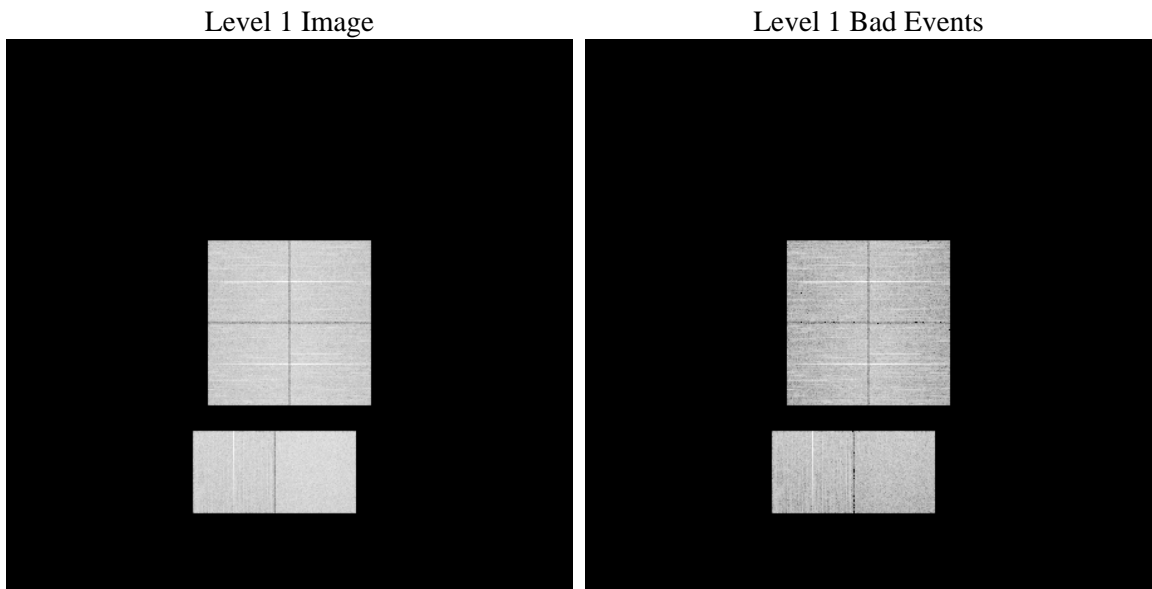
1 Front

seq_num	 	Sequence number
obs_id	56043	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	100.93833725568	Nominal RA [deg]
dec_nom	-36.756239769276	Nominal Dec [deg]
roll_nom	148.97590228522	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8086.2394038439	Sum of GTIs [s]
livetime	7983.8465715636	Livetime [s]
ontime0	8086.1983638406	Sum of GTIs [s]
ontime1	8086.1573238373	Sum of GTIs [s]
ontime2	8086.116283834	Sum of GTIs [s]
ontime3	8086.2804438472	Sum of GTIs [s]
ontime6	8086.0752438307	Sum of GTIs [s]
ontime7	8086.2394038439	Sum of GTIs [s]
l2events	368444	Number of level 2 events

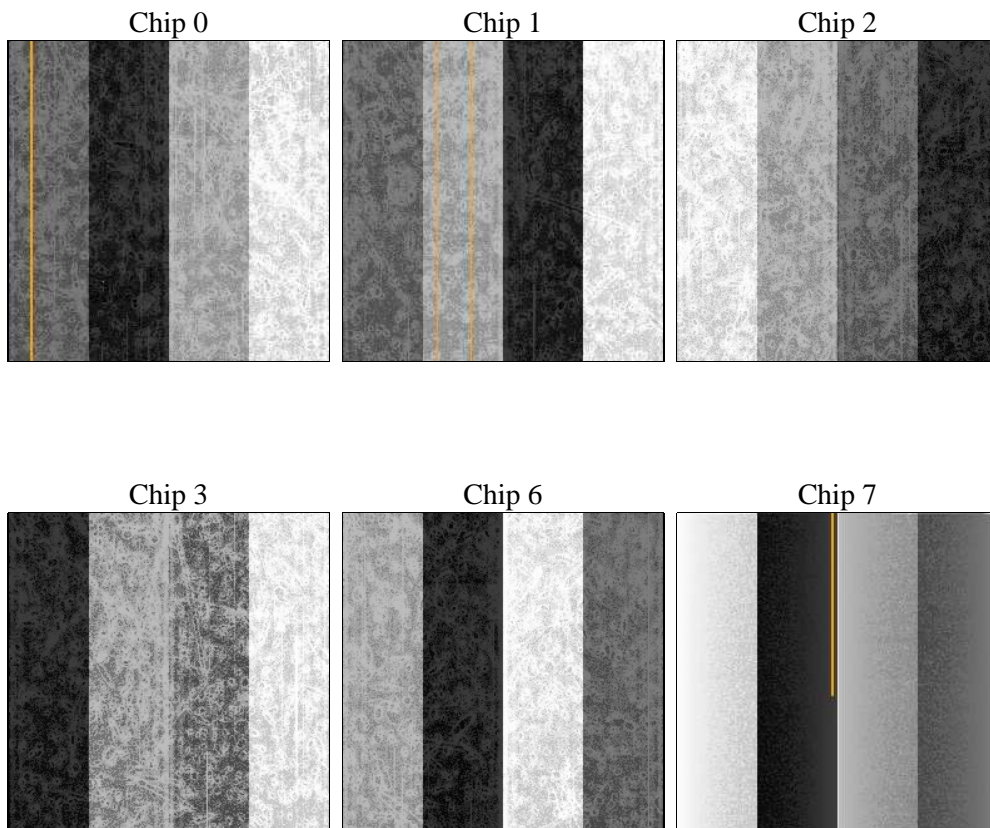
2 OBI

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	8086.2394038439	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8086.1983638406	Sum of GTIs [s]
date	2012-07-02T19:44:04	Date and time of file creation	ontime1	8086.1573238373	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8086.116283834	Sum of GTIs [s]
			ontime3	8086.2804438472	Sum of GTIs [s]
			ontime6	8086.0752438307	Sum of GTIs [s]
			ontime7	8086.2394038439	Sum of GTIs [s]
			l1events	794153	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	123175	122214	125518	129472	132139	161635	grade 0 events	31676	31027	32492	32577	32487	16875
rejected events	64739	63514	66908	70762	70751	68034		25%	25%	25%	25%	24%	10%
rejected %	52%	51%	53%	54%	53%	42%	grade 1 events	190	200	253	245	187	142
								0%	0%	0%	0%	0%	0%
							grade 2 events	10754	11692	10497	10679	11549	20867
								8%	9%	8%	8%	8%	12%
							grade 3 events	4121	4045	4183	4121	4064	8782
								3%	3%	3%	3%	3%	5%
							grade 4 events	4096	3974	4150	4084	4168	8758
								3%	3%	3%	3%	3%	5%
							grade 5 events	3831	4028	3599	4208	4250	10565
								3%	3%	2%	3%	3%	6%
							grade 6 events	9327	9482	8803	8805	10699	40678
								7%	7%	7%	6%	8%	25%
							grade 7 events	59180	57766	61541	64753	64735	54968
								48%	47%	49%	50%	48%	34%

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	100.9383372556751
[deg] Pointing Dec	0	-36.75623976927635
[deg] Pointing Roll	0.0	148.9759022852247
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	400041942.085836	400041942.085836
Observation start date	2010-09-05T02:45:42	2010-09-05T02:45:42
[s] Observation end time (MET)	400052000.629872	400052000.629872
Observation end date	2010-09-05T05:33:21	2010-09-05T05:33:20
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)	2012.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0862394038439

A.2 Comments