

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57593 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 21 2012

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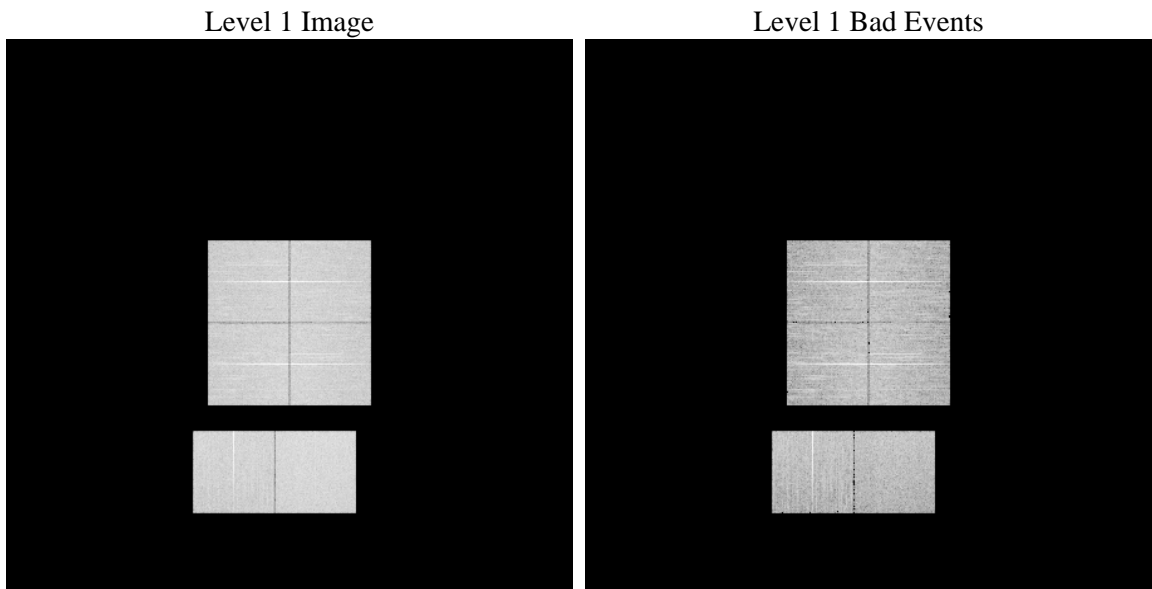
1 Front

seq_num	 	Sequence number
obs_id	57593	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	349.97305704784	Nominal RA [deg]
dec_nom	24.976950799727	Nominal Dec [deg]
roll_nom	210.47367301326	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.7113040686	Sum of GTIs [s]
livetime	7693.0479639312	Livetime [s]
ontime0	7791.6702640653	Sum of GTIs [s]
ontime1	7791.629224062	Sum of GTIs [s]
ontime2	7791.5881840587	Sum of GTIs [s]
ontime3	7791.7523440719	Sum of GTIs [s]
ontime6	7791.5471440554	Sum of GTIs [s]
ontime7	7791.7113040686	Sum of GTIs [s]
l2events	521548	Number of level 2 events

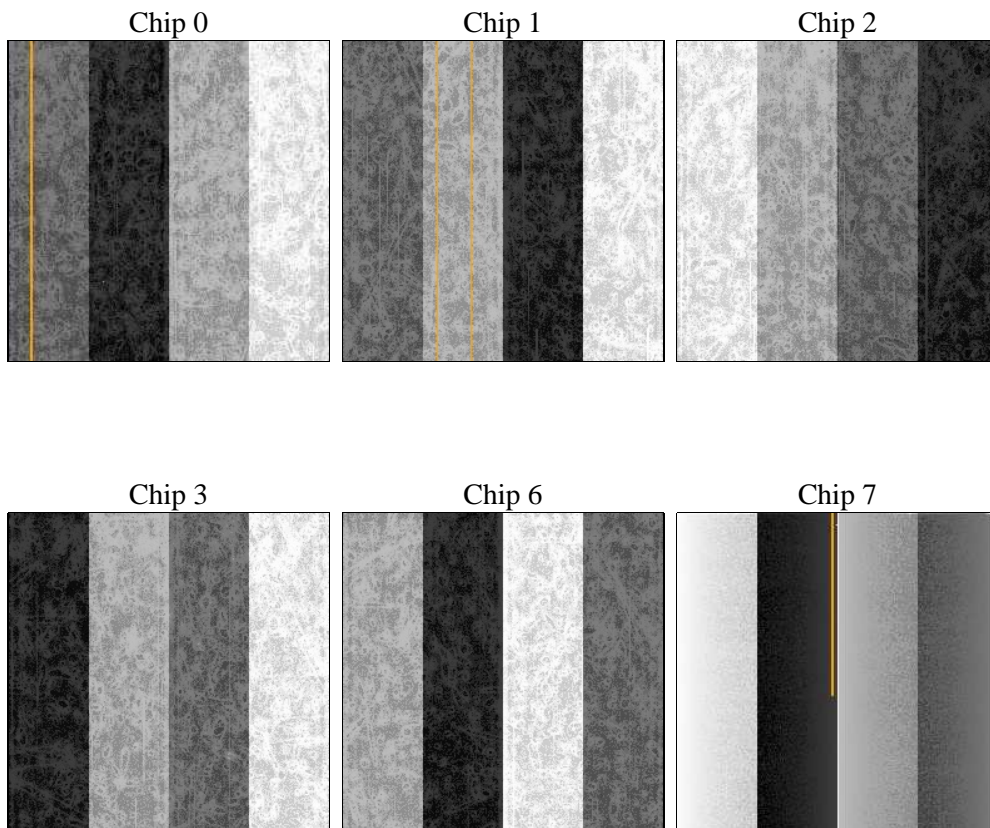
2 OBI

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	8.4.4	Processing system revision	ontime	7791.7113040686	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7791.6702640653	Sum of GTIs [s]
date	2012-05-21T22:53:42	Date and time of file creation	ontime1	7791.629224062	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7791.5881840587	Sum of GTIs [s]
			ontime3	7791.7523440719	Sum of GTIs [s]
			ontime6	7791.5471440554	Sum of GTIs [s]
			ontime7	7791.7113040686	Sum of GTIs [s]
			l1events	959828	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	150714	151793	156230	157912	159254	183925	grade 0 events	45747	45165	46849	47286	46841	23338
rejected events	65749	66166	70900	71678	70435	63862		30%	29%	29%	29%	29%	12%
rejected %	43%	43%	45%	45%	44%	34%	grade 1 events	336	334	385	377	306	150
								0%	0%	0%	0%	0%	0%
							grade 2 events	15177	15884	14632	15108	15815	26087
								10%	10%	9%	9%	9%	14%
							grade 3 events	5638	5725	5722	5891	5737	11123
								3%	3%	3%	3%	3%	6%
							grade 4 events	5671	5706	5836	5760	5808	11173
								3%	3%	3%	3%	3%	6%
							grade 5 events	3619	3896	3572	4227	4120	10272
								2%	2%	2%	2%	2%	5%
							grade 6 events	12770	13188	12323	12223	14660	48386
								8%	8%	7%	7%	9%	26%
							grade 7 events	61756	61895	66911	67040	65967	53396
								40%	40%	42%	42%	41%	29%

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	349.9730570478388
[deg] Pointing Dec	0	24.97695079972745
[deg] Pointing Roll	0.0	210.4736730132565
[mm] SIM focus pos	-1.429586	-0.7809083437167272
[mm] SIM defocus	0.1037507710433287	0.7524282956875696
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	338804970.410627	338804969.38563
Observation start date	2008-09-26T08:29:30	2008-09-26T08:29:29
[s] Observation end time (MET)	338817850.561261	338817849.53626
Observation end date	2008-09-26T12:04:11	2008-09-26T12:04:09
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7917113040686

A.2 Comments