

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57843 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 13 2012

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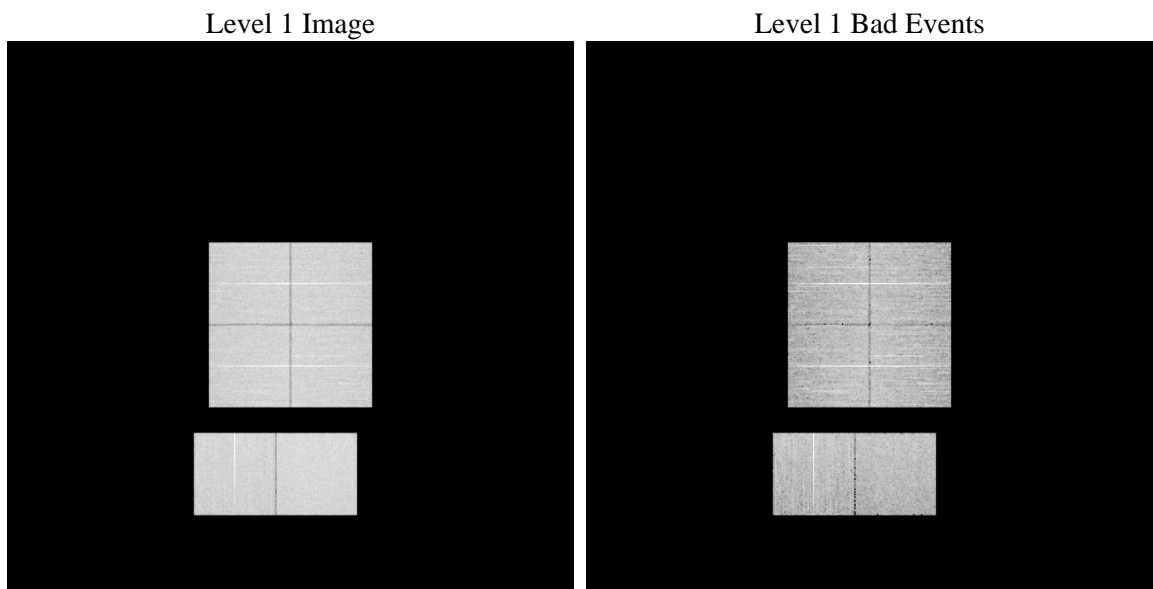
1 Front

seq_num	 	Sequence number
obs_id	57843	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	200.03641659832	Nominal RA [deg]
dec_nom	-37.999029543177	Nominal Dec [deg]
roll_nom	329.05306830809	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.6410461664	Sum of GTIs [s]
livetime	8166.9005466556	Livetime [s]
ontime0	8271.6000061631	Sum of GTIs [s]
ontime1	8271.5589661598	Sum of GTIs [s]
ontime2	8271.5179261565	Sum of GTIs [s]
ontime3	8271.6820861697	Sum of GTIs [s]
ontime6	8271.4768861532	Sum of GTIs [s]
ontime7	8271.6410461664	Sum of GTIs [s]
l2events	603536	Number of level 2 events

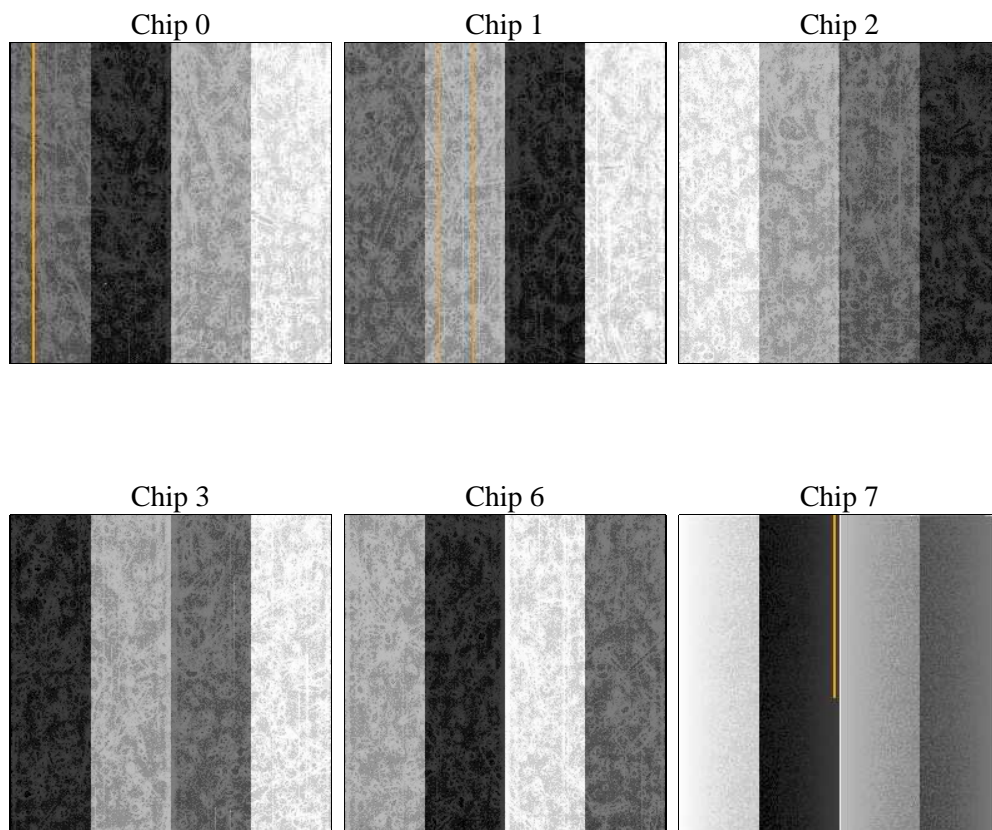
2 OBI

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	8271.6410461664	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8271.6000061631	Sum of GTIs [s]
date	2012-05-13T14:07:28	Date and time of file creation	ontime1	8271.5589661598	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8271.5179261565	Sum of GTIs [s]
			ontime3	8271.6820861697	Sum of GTIs [s]
			ontime6	8271.4768861532	Sum of GTIs [s]
			ontime7	8271.6410461664	Sum of GTIs [s]
			l1events	1049853	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	166377	167028	169605	172616	175675	198552	grade 0 events	53815	53412	54676	55218	54590	27082
rejected events	66947	66944	70312	72394	72330	63911		32%	31%	32%	31%	31%	13%
rejected %	40%	40%	41%	41%	41%	32%	grade 1 events	386	281	409	419	334	137
								0%	0%	0%	0%	0%	0%
							grade 2 events	17521	18366	17020	17318	18284	29298
								10%	10%	10%	10%	10%	14%
							grade 3 events	6658	6570	6740	6709	6772	12788
								4%	3%	3%	3%	3%	6%
							grade 4 events	6570	6450	6618	6798	6694	12697
								3%	3%	3%	3%	3%	6%
							grade 5 events	3897	4110	3726	4267	4267	10602
								2%	2%	2%	2%	2%	5%
							grade 6 events	14907	15333	14290	14219	17035	52821
								8%	9%	8%	8%	9%	26%
							grade 7 events	62623	62506	66126	67668	67699	53127
								37%	37%	38%	39%	38%	26%

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	200.0364165983207
[deg] Pointing Dec	0	-37.99902954317714
[deg] Pointing Roll	0.0	329.0530683080935
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	325590848.853979	325590847.82897
Observation start date	2008-04-26T09:54:09	2008-04-26T09:54:07
[s] Observation end time (MET)	325614171.705117	325614170.68011
Observation end date	2008-04-26T16:22:52	2008-04-26T16:22:50
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.05.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2716410461664

A.2 Comments