

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57481 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 24 2012

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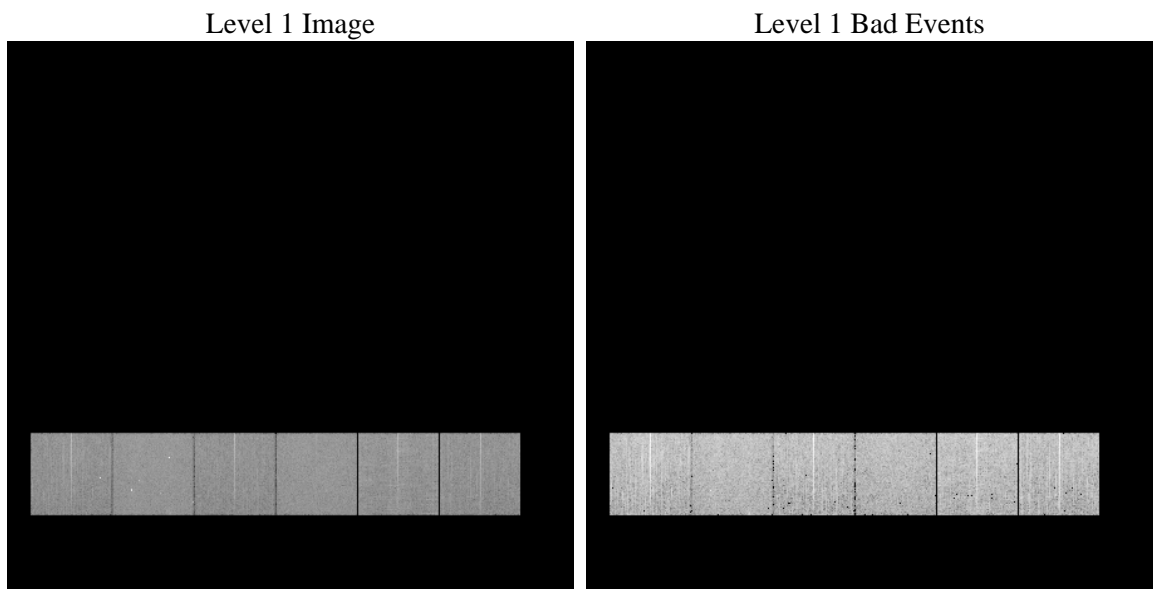
1 Front

seq_num	 	Sequence number
obs_id	57481	Observation id
title	ACIS-456789 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	52.027109333917	Nominal RA [deg]
dec_nom	-2.9943016871445	Nominal Dec [deg]
roll_nom	337.91418579365	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4879.9999818802	Sum of GTIs [s]
livetime	4818.2064837264	Livetime [s]
ontime4	4879.9999818802	Sum of GTIs [s]
ontime5	4879.9999818802	Sum of GTIs [s]
ontime6	4879.9999818802	Sum of GTIs [s]
ontime7	4879.9999818802	Sum of GTIs [s]
ontime8	4879.9999818802	Sum of GTIs [s]
ontime9	4879.9999818802	Sum of GTIs [s]
l2events	363033	Number of level 2 events

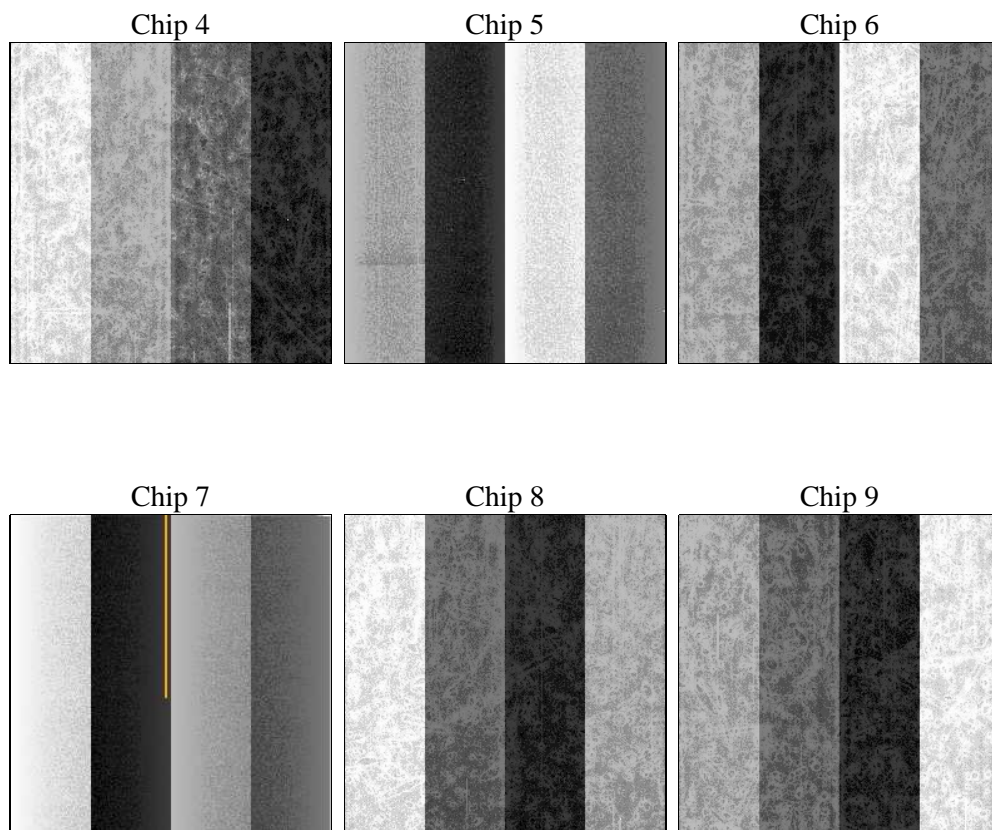
2 OBI

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	4879.9999818802	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	4879.9999818802	Sum of GTIs [s]
date	2012-05-24T17:26:26	Date and time of file creation	ontime5	4879.9999818802	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4879.9999818802	Sum of GTIs [s]
			ontime7	4879.9999818802	Sum of GTIs [s]
			ontime8	4879.9999818802	Sum of GTIs [s]
			ontime9	4879.9999818802	Sum of GTIs [s]
			l1events	669795	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	106908	121039	102588	117865	116652	104743	grade 0 events	32303	13286	30401	15490	33198	30501
rejected events	50404	43270	44010	40480	50371	47188		30%	10%	29%	13%	28%	29%
rejected %	47%	35%	42%	34%	43%	45%	grade 1 events	308	235	209	98	222	230
								0%	0%	0%	0%	0%	0%
							grade 2 events	8811	27594	10666	17050	12051	10020
								8%	22%	10%	14%	10%	9%
							grade 3 events	3836	3754	3672	7159	4777	3885
								3%	3%	3%	6%	4%	3%
							grade 4 events	3882	3714	3661	7040	4773	3782
								3%	3%	3%	5%	4%	3%
							grade 5 events	2497	5841	2683	6660	3362	2948
								2%	4%	2%	5%	2%	2%
							grade 6 events	7725	29479	10221	30704	11519	9400
								7%	24%	9%	26%	9%	8%
							grade 7 events	47546	37136	41075	33664	46750	43977
								44%	30%	40%	28%	40%	41%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	52.02710933391744
[deg] Pointing Dec	0	-2.994301687144462
[deg] Pointing Roll	0.0	337.9141857936504
[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)	344062497.019803	344062495.9948
Observation start date	2008-11-26T04:54:57	2008-11-26T04:54:55
[s] Observation end time (MET)	344074179.97038	344074178.94538
Observation end date	2008-11-26T08:09:40	2008-11-26T08:09:38
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)	2012.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.8799999818802

A.2 Comments