

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57594 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 21 2012

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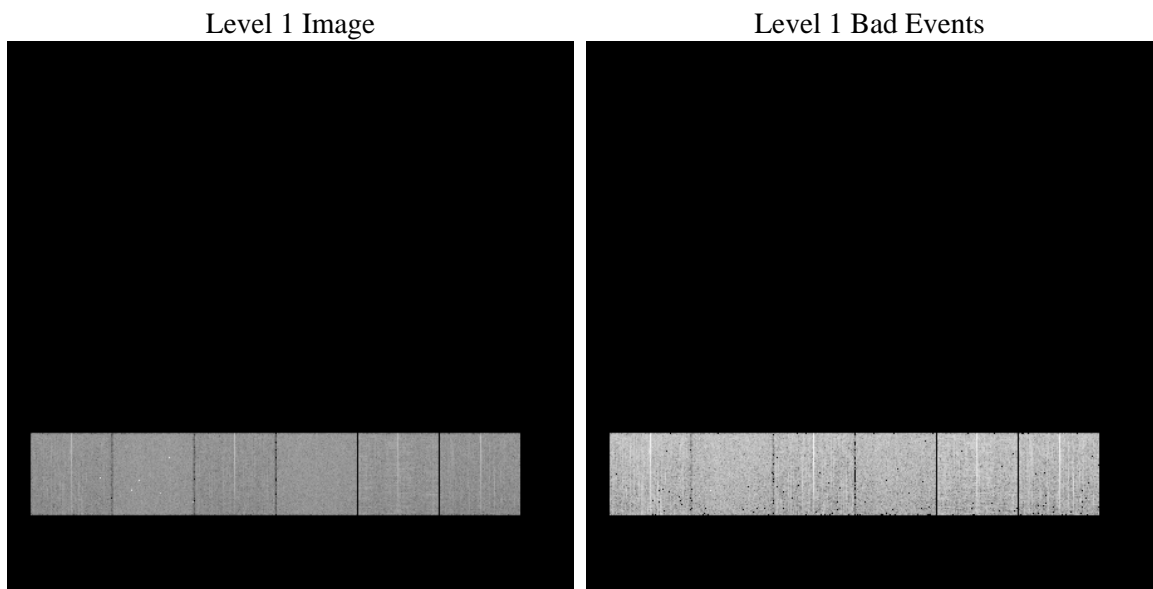
1 Front

seq_num	 	Sequence number
obs_id	57594	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	349.98159409655	Nominal RA [deg]
dec_nom	24.975820772376	Nominal Dec [deg]
roll_nom	205.70662130168	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3740.113037765	Sum of GTIs [s]
livetime	3692.7534744551	Livetime [s]
ontime4	3739.9899177551	Sum of GTIs [s]
ontime5	3740.0719977617	Sum of GTIs [s]
ontime6	3740.0309577584	Sum of GTIs [s]
ontime7	3740.113037765	Sum of GTIs [s]
ontime8	3739.9488777518	Sum of GTIs [s]
ontime9	3740.1540777683	Sum of GTIs [s]
l2events	266772	Number of level 2 events

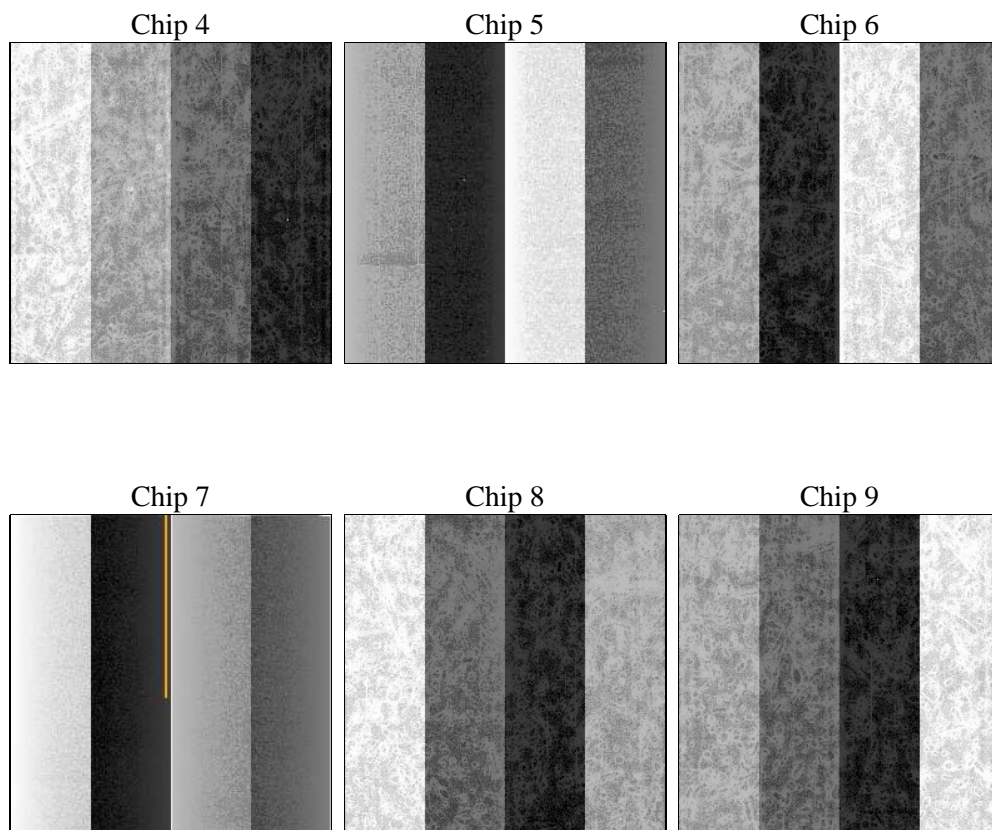
2 OBI

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	3740.113037765	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	3739.9899177551	Sum of GTIs [s]
date	2012-05-21T21:41:34	Date and time of file creation	ontime5	3740.0719977617	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3740.0309577584	Sum of GTIs [s]
			ontime7	3740.113037765	Sum of GTIs [s]
			ontime8	3739.9488777518	Sum of GTIs [s]
			ontime9	3740.1540777683	Sum of GTIs [s]
			l1events	510239	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	80321	92853	78691	90512	89513	78349	grade 0 events	23995	10078	23072	11632	25030	22662
rejected events	39385	34886	36090	32431	40474	36884		29%	10%	29%	12%	27%	28%
rejected %	49%	37%	45%	35%	45%	47%	grade 1 events	235	110	152	77	171	175
								0%	0%	0%	0%	0%	0%
							grade 2 events	6570	20749	7713	12721	9353	7463
								8%	22%	9%	14%	10%	9%
							grade 3 events	2905	2835	2868	5617	3658	2856
								3%	3%	3%	6%	4%	3%
							grade 4 events	2902	2806	2741	5673	3530	2808
								3%	3%	3%	6%	3%	3%
							grade 5 events	1979	4729	2060	5092	2616	2245
								2%	5%	2%	5%	2%	2%
							grade 6 events	5469	22781	7194	23689	8539	6562
								6%	24%	9%	26%	9%	8%
							grade 7 events	36266	28765	32891	26011	36616	33578
								45%	30%	41%	28%	40%	42%

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	349.9815940965468
[deg] Pointing Dec	0	24.9758207723761
[deg] Pointing Roll	0.0	205.7066213016817
[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)	338612641.451163	338612640.42616
Observation start date	2008-09-24T03:04:01	2008-09-24T03:04:00
[s] Observation end time (MET)	338630367.802035	338630366.77703
Observation end date	2008-09-24T07:59:28	2008-09-24T07:59:26
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)	2012.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.740113037765

A.2 Comments