

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57716 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 18 2012

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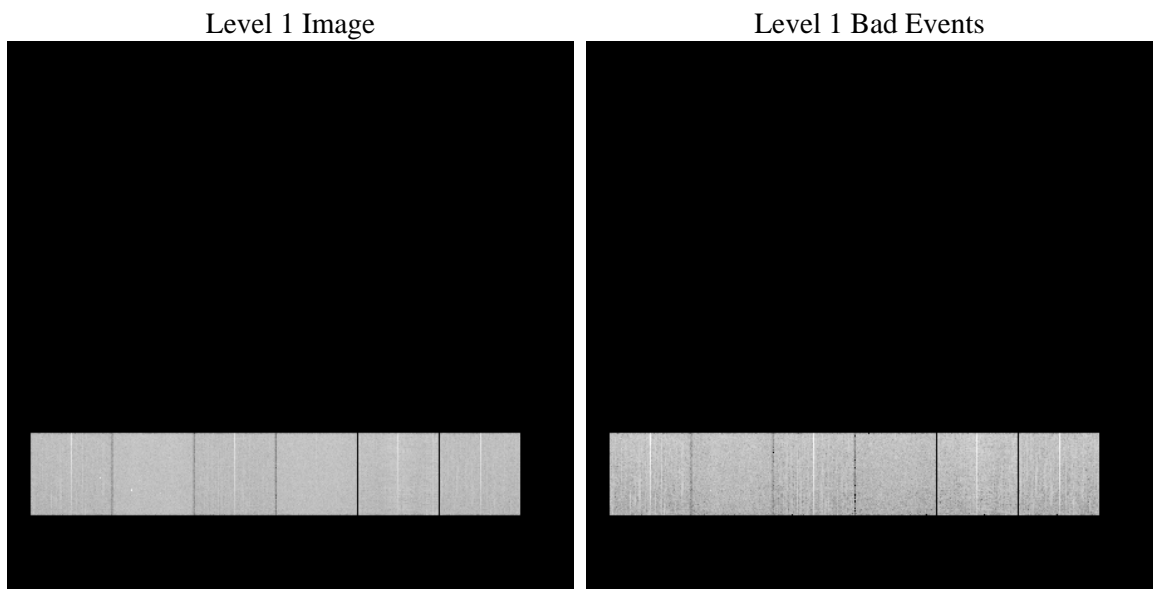
1 Front

seq_num	 	Sequence number
obs_id	57716	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	263.24147931862	Nominal RA [deg]
dec_nom	-46.80430983719	Nominal Dec [deg]
roll_nom	318.5317069357	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8406.3999687433	Sum of GTIs [s]
livetime	8299.9530706127	Livetime [s]
ontime4	8406.3999687433	Sum of GTIs [s]
ontime5	8406.3999687433	Sum of GTIs [s]
ontime6	8406.3999687433	Sum of GTIs [s]
ontime7	8406.3999687433	Sum of GTIs [s]
ontime8	8406.3999687433	Sum of GTIs [s]
ontime9	8406.3999687433	Sum of GTIs [s]
l2events	620284	Number of level 2 events

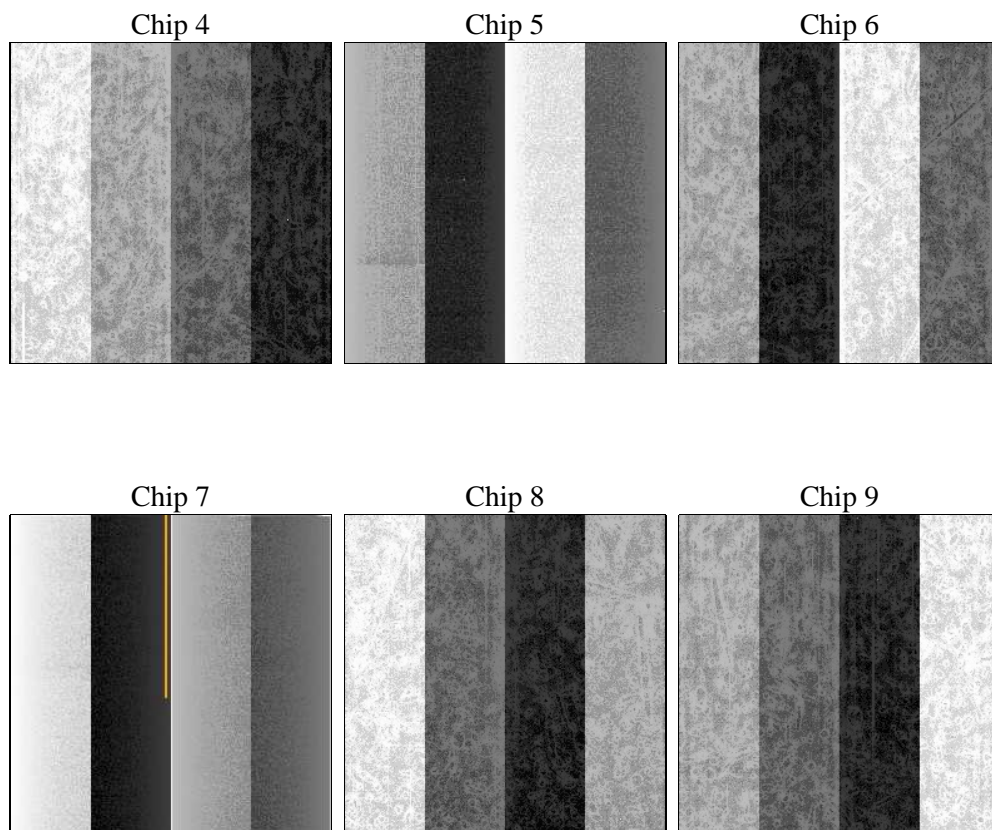
2 OBI

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	8406.3999687433	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8406.3999687433	Sum of GTIs [s]
date	2012-05-17T17:19:21	Date and time of file creation	ontime5	8406.3999687433	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8406.3999687433	Sum of GTIs [s]
			ontime7	8406.3999687433	Sum of GTIs [s]
			ontime8	8406.3999687433	Sum of GTIs [s]
			ontime9	8406.3999687433	Sum of GTIs [s]
			l1events	1130929	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	176954	201824	177196	200484	197834	176637	grade 0 events	54207	20086	53663	26357	58037	52996
rejected events	82050	73282	76512	67661	83470	78780		30%	9%	30%	13%	29%	30%
rejected %	46%	36%	43%	33%	42%	44%	grade 1 events	539	208	348	178	379	400
								0%	0%	0%	0%	0%	0%
							grade 2 events	15328	46617	17969	28774	20943	17028
								8%	23%	10%	14%	10%	9%
							grade 3 events	6688	6430	6492	12770	8398	6460
								3%	3%	3%	6%	4%	3%
							grade 4 events	6614	6328	6537	12684	8216	6427
								3%	3%	3%	6%	4%	3%
							grade 5 events	4389	10066	4405	11035	5666	4811
								2%	4%	2%	5%	2%	2%
							grade 6 events	12579	49772	16572	52928	19394	15458
								7%	24%	9%	26%	9%	8%
							grade 7 events	76610	62317	71210	55758	76801	73057
								43%	30%	40%	27%	38%	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	263.2414793186192
[deg] Pointing Dec	0	-46.80430983718963
[deg] Pointing Roll	0.0	318.531706935697
[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)	331543878.994593	331543877.96959
Observation start date	2008-07-04T07:31:19	2008-07-04T07:31:17
[s] Observation end time (MET)	331554530.795114	331554529.77011
Observation end date	2008-07-04T10:28:51	2008-07-04T10:28:49
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)	2012.05.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4063999687433

A.2 Comments