

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57086 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 8 2012

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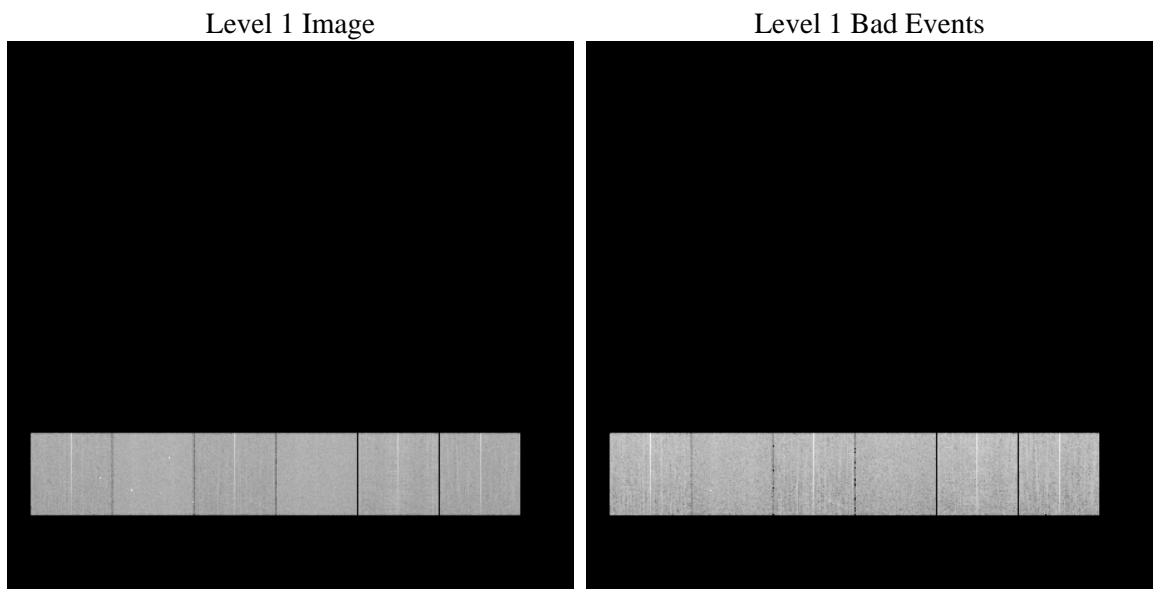
1 Front

seq_num	 	Sequence number
obs_id	57086	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	27.966544938089	Nominal RA [deg]
dec_nom	-30.997993183011	Nominal Dec [deg]
roll_nom	143.25135356858	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8399.9999687672	Sum of GTIs [s]
livetime	8293.6341112899	Livetime [s]
ontime4	8399.9999687672	Sum of GTIs [s]
ontime5	8399.9999687672	Sum of GTIs [s]
ontime6	8399.9999687672	Sum of GTIs [s]
ontime7	8399.9999687672	Sum of GTIs [s]
ontime8	8399.9999687672	Sum of GTIs [s]
ontime9	8399.9999687672	Sum of GTIs [s]
l2events	529703	Number of level 2 events

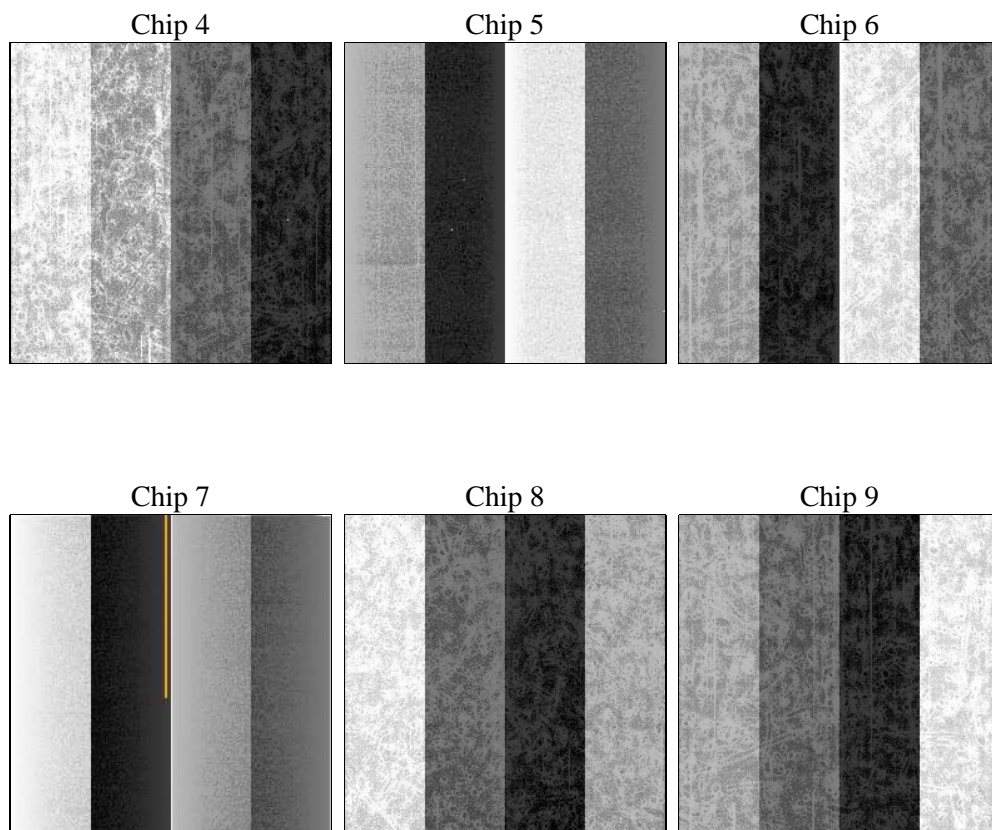
2 OBI

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	8.4.5	Processing system revision	ontime	8399.9999687672	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8399.9999687672	Sum of GTIs [s]
date	2012-06-07T18:06:40	Date and time of file creation	ontime5	8399.9999687672	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8399.9999687672	Sum of GTIs [s]
			ontime7	8399.9999687672	Sum of GTIs [s]
			ontime8	8399.9999687672	Sum of GTIs [s]
			ontime9	8399.9999687672	Sum of GTIs [s]
			l1events	1078485	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	167737	197918	165104	192929	189022	165775	grade 0 events	44984	15216	43110	21565	48247	43382
rejected events	89533	78798	82929	74136	91648	85649		26%	7%	26%	11%	25%	26%
rejected %	53%	39%	50%	38%	48%	51%	grade 1 events	498	252	291	177	349	352
								0%	0%	0%	0%	0%	0%
							grade 2 events	12056	44574	15035	26165	18327	13778
								7%	22%	9%	13%	9%	8%
							grade 3 events	5640	4885	5327	10627	7232	5569
								3%	2%	3%	5%	3%	3%
							grade 4 events	5431	4531	5305	10670	6922	5238
								3%	2%	3%	5%	3%	3%
							grade 5 events	4355	9911	4556	11610	5947	5004
								2%	5%	2%	6%	3%	3%
							grade 6 events	10524	50579	13856	50489	17196	12639
								6%	25%	8%	26%	9%	7%
							grade 7 events	84249	67970	77624	61626	84802	79813
								50%	34%	47%	31%	44%	48%

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	27.96654493808887
[deg] Pointing Dec	0	-30.99799318301138
[deg] Pointing Roll	0.0	143.251353568582
[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)	359644357.143003	359644356.11798
Observation start date	2009-05-25T13:12:37	2009-05-25T13:12:36
[s] Observation end time (MET)	359653112.693438	359653111.66842
Observation end date	2009-05-25T15:38:33	2009-05-25T15:38:31
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)	2012.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3999999687672

A.2 Comments