

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61083 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 13 2012

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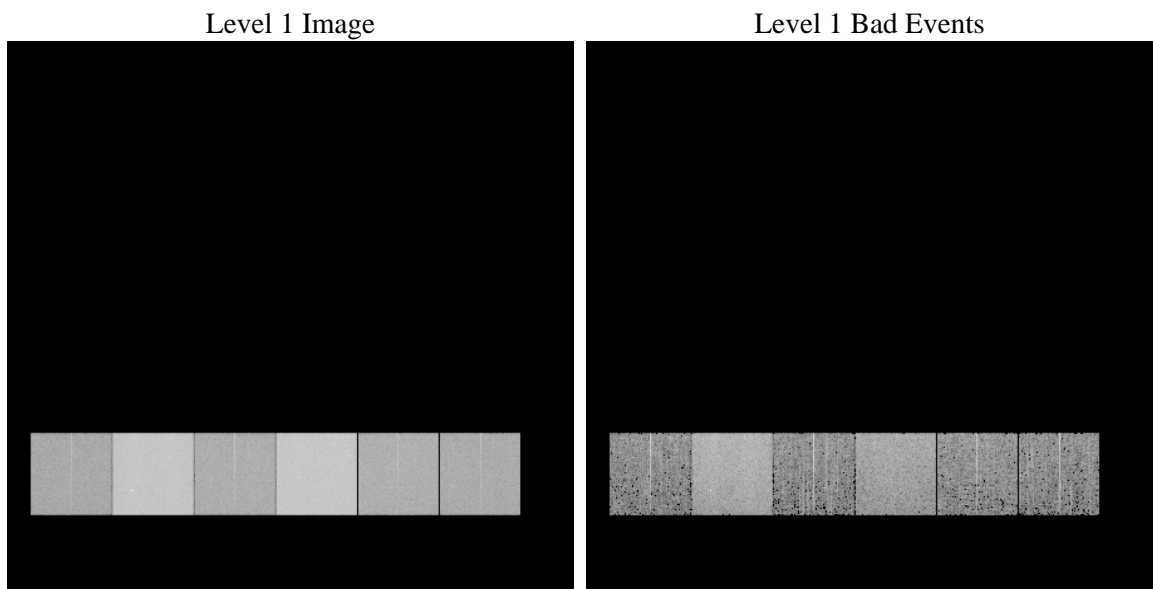
1 Front

seq_num	 	Sequence number
obs_id	61083	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	344.47037884141	Nominal RA [deg]
dec_nom	15.000979686565	Nominal Dec [deg]
roll_nom	145.16811940307	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8107.4861979783	Sum of GTIs [s]
livetime	8004.8243259974	Livetime [s]
ontime4	2871.5585230291	Sum of GTIs [s]
ontime5	8457.4694479704	Sum of GTIs [s]
ontime6	3150.2871055305	Sum of GTIs [s]
ontime7	8107.4861979783	Sum of GTIs [s]
ontime8	3278.2582687438	Sum of GTIs [s]
ontime9	3020.6460737884	Sum of GTIs [s]
l2events	1296525	Number of level 2 events

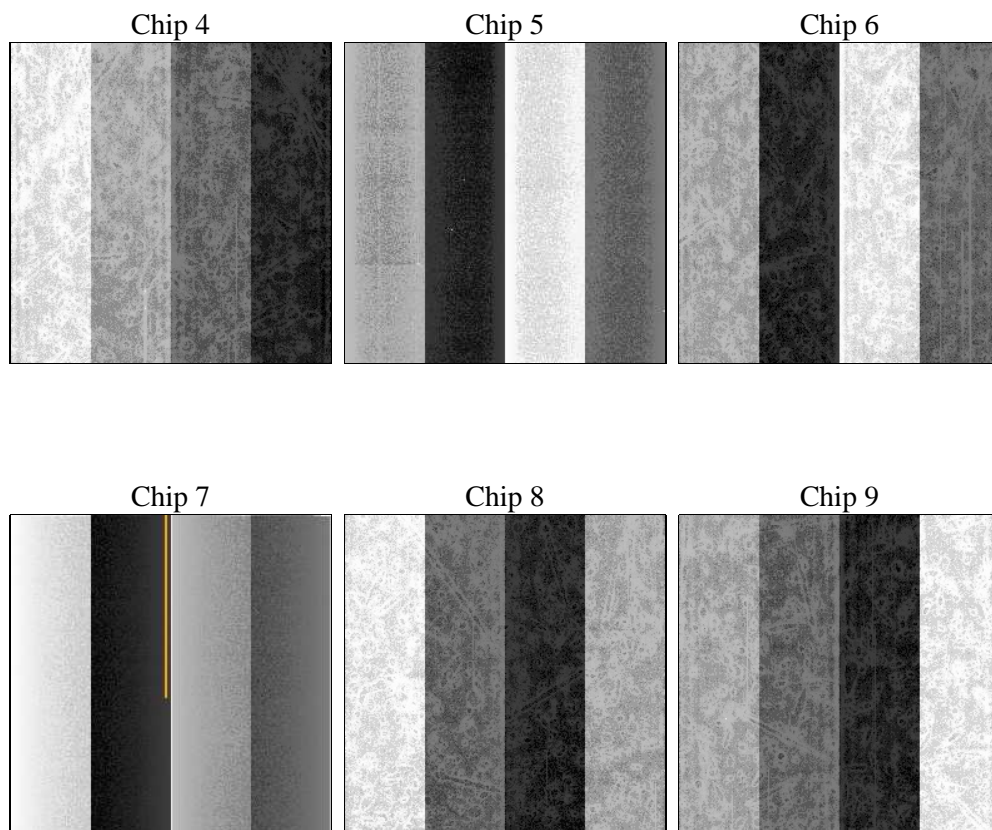
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8107.4861979783	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	2871.5585230291	Sum of GTIs [s]
date	2012-10-13T23:48:54	Date and time of file creation	ontime5	8457.4694479704	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3150.2871055305	Sum of GTIs [s]
			ontime7	8107.4861979783	Sum of GTIs [s]
			ontime8	3278.2582687438	Sum of GTIs [s]
			ontime9	3020.6460737884	Sum of GTIs [s]
			l1events	1555491	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	153750	422181	178850	444449	190000	166261	grade 0 events	77492	68522	84479	99260	91428	79678
rejected events	23240	62917	24143	44171	26041	23029		50%	16%	47%	22%	48%	47%
rejected %	15%	14%	13%	9%	13%	13%	grade 1 events	574	263	400	278	460	473
								0%	0%	0%	0%	0%	0%
							grade 2 events	19358	145438	26748	88789	27952	23705
								12%	34%	14%	19%	14%	14%
							grade 3 events	8580	18608	9239	39756	10587	9164
								5%	4%	5%	8%	5%	5%
							grade 4 events	8710	17789	9600	39344	10431	9292
								5%	4%	5%	8%	5%	5%
							grade 5 events	1481	10575	1688	8603	1945	1691
								0%	2%	0%	1%	1%	1%
							grade 6 events	16370	108907	24641	133129	23724	21393
								10%	25%	13%	29%	12%	12%
							grade 7 events	21185	52079	22055	35290	23473	20865
								13%	12%	12%	7%	12%	12%

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	344.470378841411
[deg] Pointing Dec	0	15.00097968656522
[deg] Pointing Roll	0.0	145.1681194030736
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	145786232.444711	145786231.41999
Observation start date	2002-08-15T08:10:32	2002-08-15T08:10:31
[s] Observation end time (MET)	145808848.045644	145808847.02092
Observation end date	2002-08-15T14:27:28	2002-08-15T14:27:27
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	0.000000	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)	2012.10.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1074861979783

A.2 Comments