

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56285 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 25 2012

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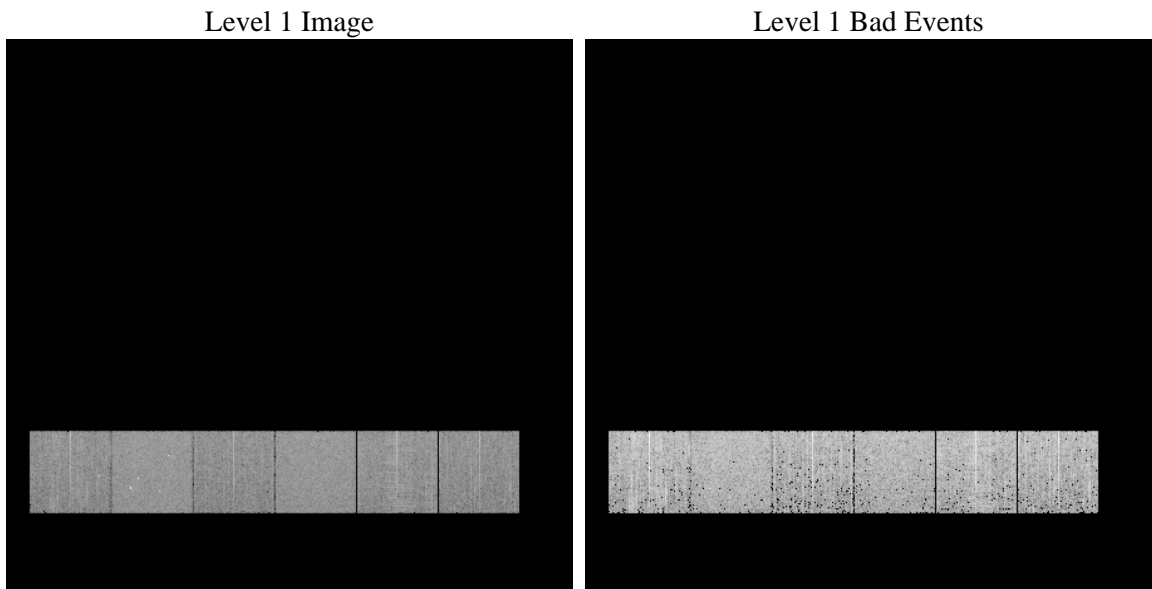
1 Front

seq_num	 	Sequence number
obs_id	56285	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	230.0212283368	Nominal RA [deg]
dec_nom	-38.976549626177	Nominal Dec [deg]
roll_nom	21.951366012963	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3278.507592082	Sum of GTIs [s]
livetime	3236.9931548708	Livetime [s]
ontime4	3278.3844720721	Sum of GTIs [s]
ontime5	3278.4665520787	Sum of GTIs [s]
ontime6	3278.4255120754	Sum of GTIs [s]
ontime7	3278.507592082	Sum of GTIs [s]
ontime8	3278.3434320688	Sum of GTIs [s]
ontime9	3278.5486320853	Sum of GTIs [s]
l2events	170495	Number of level 2 events

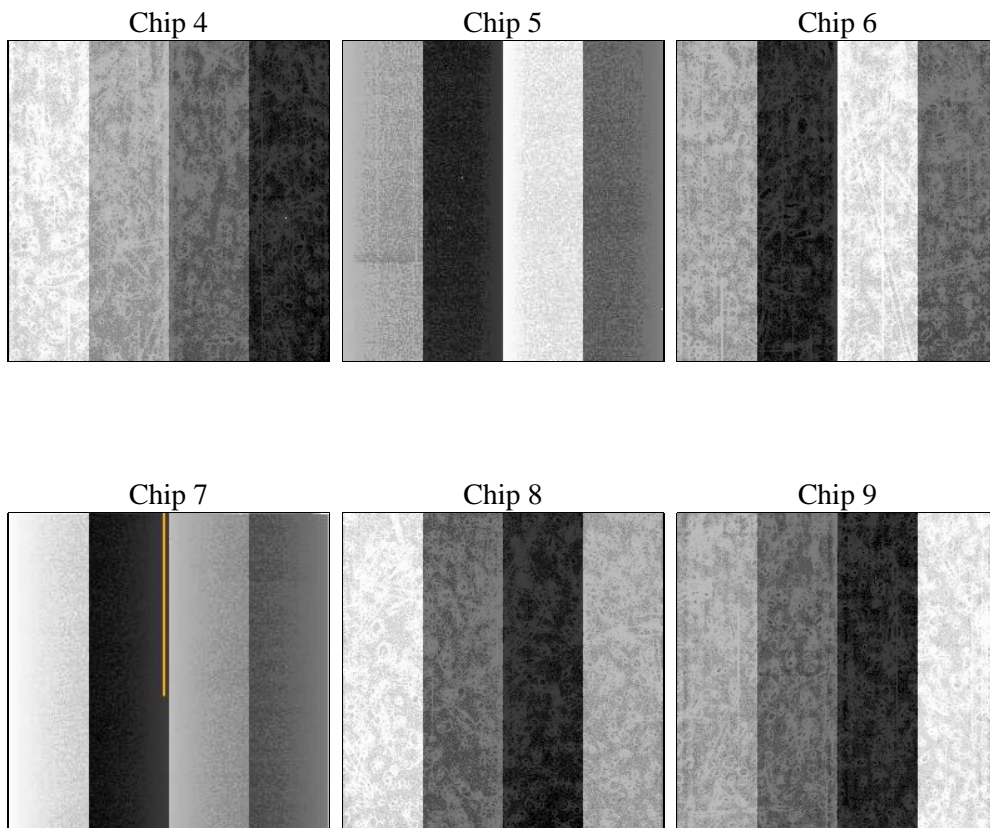
2 OBI

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	3278.507592082	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	3278.3844720721	Sum of GTIs [s]
date	2012-06-25T10:39:27	Date and time of file creation	ontime5	3278.4665520787	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3278.4255120754	Sum of GTIs [s]
			ontime7	3278.507592082	Sum of GTIs [s]
			ontime8	3278.3434320688	Sum of GTIs [s]
			ontime9	3278.5486320853	Sum of GTIs [s]
			l1events	350379	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	54219	67223	51068	64396	60906	52567	grade 0 events	14364	6348	13699	7147	15009	13134
rejected events	28944	26838	24772	25268	29895	27493		26%	9%	26%	11%	24%	24%
rejected %	53%	39%	48%	39%	49%	52%	grade 1 events	120	88	87	56	98	108
								0%	0%	0%	0%	0%	0%
							grade 2 events	4025	14252	4751	8628	5785	4538
								7%	21%	9%	13%	9%	8%
							grade 3 events	1820	1828	1709	3700	2320	1721
								3%	2%	3%	5%	3%	3%
							grade 4 events	1706	1662	1745	3643	2338	1729
								3%	2%	3%	5%	3%	3%
							grade 5 events	1559	3519	1592	4110	2102	1783
								2%	5%	3%	6%	3%	3%
							grade 6 events	3360	16295	4392	16010	5559	3952
								6%	24%	8%	24%	9%	7%
							grade 7 events	27265	23231	23093	21102	27695	25602
								50%	34%	45%	32%	45%	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	230.0212283368043
[deg] Pointing Dec	0	-38.9765496261774
[deg] Pointing Roll	0.0	21.95136601296346
[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)	389308172.287675	389308171.2627
Observation start date	2010-05-03T21:09:32	2010-05-03T21:09:31
[s] Observation end time (MET)	389319560.038254	389319559.01328
Observation end date	2010-05-04T00:19:20	2010-05-04T00:19:19
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)	2012.07.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.278507592082

A.2 Comments