

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58050 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 6 2012

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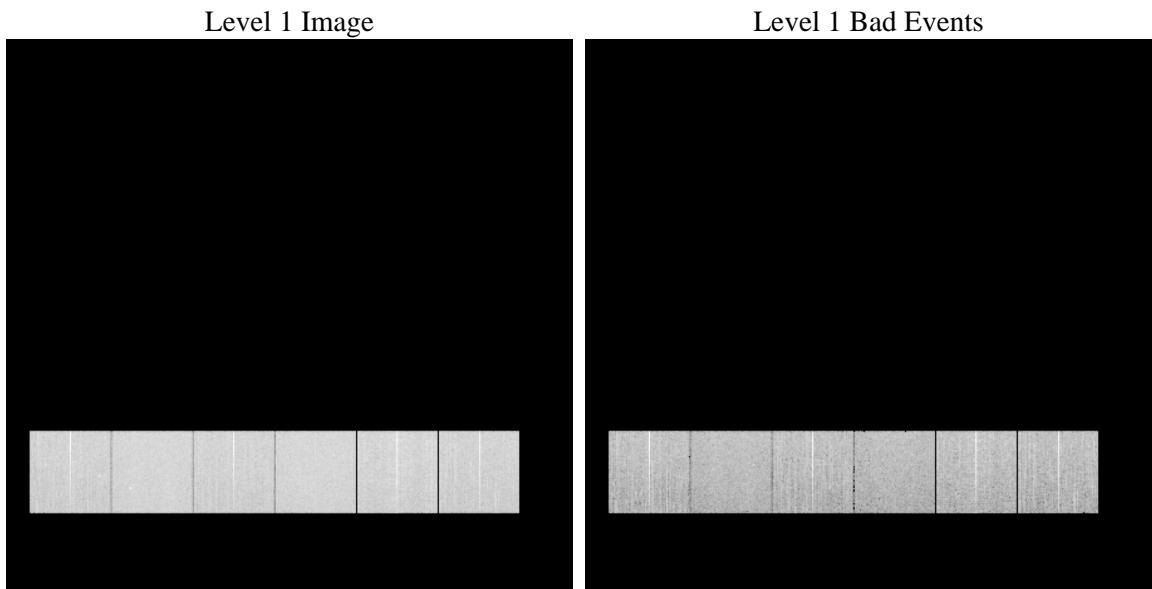
1 Front

seq_num	 	Sequence number
obs_id	58050	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	50.34890988543	Nominal RA [deg]
dec_nom	-23.681221576159	Nominal Dec [deg]
roll_nom	316.87861835685	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8053.3010596633	Sum of GTIs [s]
livetime	7951.3253125301	Livetime [s]
ontime4	8053.1779396534	Sum of GTIs [s]
ontime5	8053.26001966	Sum of GTIs [s]
ontime6	8053.2189796567	Sum of GTIs [s]
ontime7	8053.3010596633	Sum of GTIs [s]
ontime8	8053.1368996501	Sum of GTIs [s]
ontime9	8053.3420996666	Sum of GTIs [s]
l2events	657428	Number of level 2 events

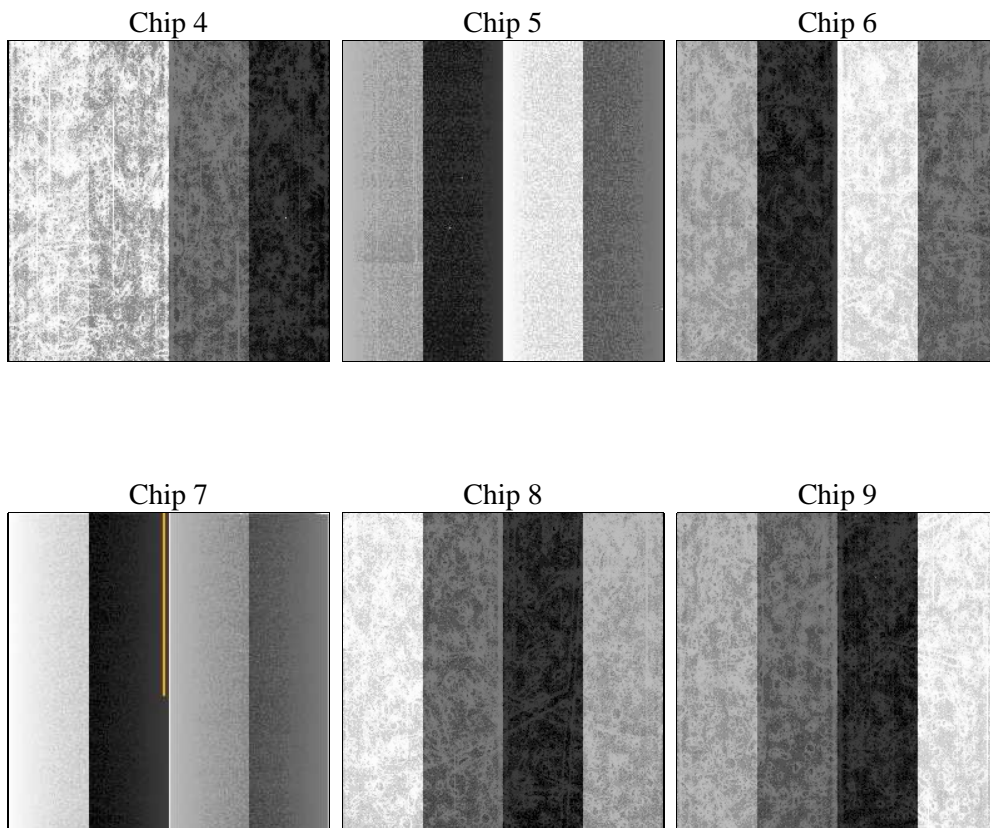
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	7440	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	8053.3010596633	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8053.1779396534	Sum of GTIs [s]
date	2012-05-06T16:23:44	Date and time of file creation	ontime5	8053.26001966	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	8053.2189796567	Sum of GTIs [s]
			ontime7	8053.3010596633	Sum of GTIs [s]
			ontime8	8053.1368996501	Sum of GTIs [s]
			ontime9	8053.3420996666	Sum of GTIs [s]
			l1events	1181310	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	186417	207587	188993	208538	205842	183933	grade 0 events	59374	20809	59547	29073	63479	58029
rejected events	85368	75438	80566	69443	85214	79284		31%	10%	31%	13%	30%	31%
rejected %	45%	36%	42%	33%	41%	43%	grade 1 events	591	214	367	155	423	447
								0%	0%	0%	0%	0%	0%
							grade 2 events	16477	50260	19400	31031	22590	18476
								8%	24%	10%	14%	10%	10%
							grade 3 events	7250	6495	7160	13660	8865	7133
								3%	3%	3%	6%	4%	3%
							grade 4 events	7143	6467	7062	13311	8532	7149
								3%	3%	3%	6%	4%	3%
							grade 5 events	4229	9723	4341	10962	5610	4764
								2%	4%	2%	5%	2%	2%
							grade 6 events	13615	51729	18196	55873	20311	16609
								7%	24%	9%	26%	9%	9%
							grade 7 events	77738	61890	72920	54473	76032	71326
								41%	29%	38%	26%	36%	38%

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	50.3489098803697	50.34890988542999
[deg] Pointing Dec	-23.68122157932306	-23.68122157615851
[deg] Pointing Roll	316.8786183535641	316.8786183568485
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	315087984.943855	315087984.943855
Observation start date	2007-12-26T20:55:00	2007-12-26T20:26:24
[s] Observation end time (MET)	315104921.105905	315104921.105905
Observation end date	2007-12-26T22:59:00	2007-12-27T01:08:41
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
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)	2012.05.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0533010596633

A.2 Comments