

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57628 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 20 2012

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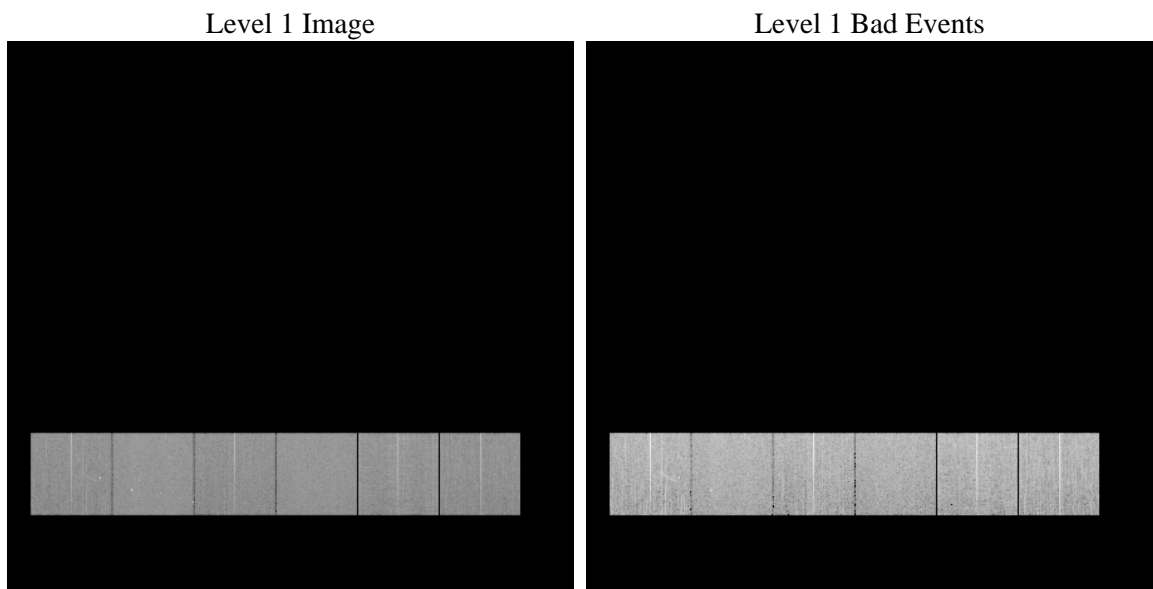
1 Front

seq_num	 	Sequence number
obs_id	57628	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	356.37064414129	Nominal RA [deg]
dec_nom	11.702280848617	Nominal Dec [deg]
roll_nom	142.5714966029	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7590.3999717832	Sum of GTIs [s]
livetime	7494.2857569503	Livetime [s]
ontime4	7590.3999717832	Sum of GTIs [s]
ontime5	7590.3999717832	Sum of GTIs [s]
ontime6	7590.3999717832	Sum of GTIs [s]
ontime7	7590.3999717832	Sum of GTIs [s]
ontime8	7590.3999717832	Sum of GTIs [s]
ontime9	7590.3999717832	Sum of GTIs [s]
l2events	547577	Number of level 2 events

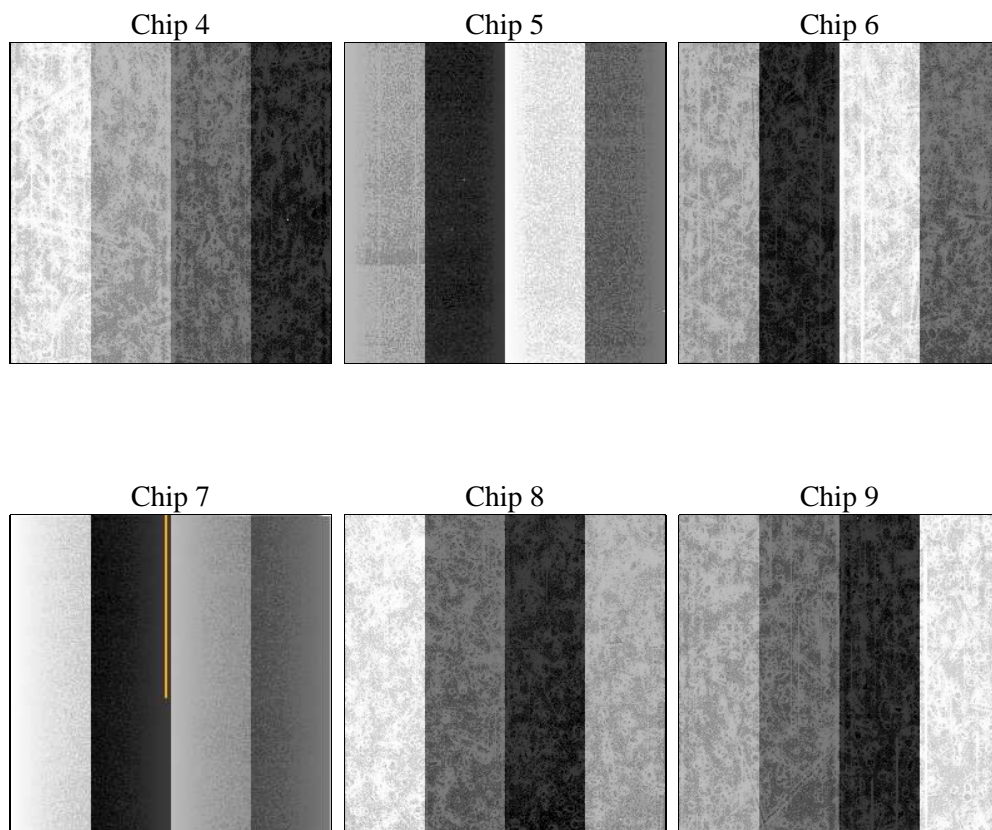
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6360	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7590.3999717832	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7590.3999717832	Sum of GTIs [s]
date	2012-05-20T22:55:37	Date and time of file creation	ontime5	7590.3999717832	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7590.3999717832	Sum of GTIs [s]
			ontime7	7590.3999717832	Sum of GTIs [s]
			ontime8	7590.3999717832	Sum of GTIs [s]
			ontime9	7590.3999717832	Sum of GTIs [s]
			l1events	1048357	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	164151	190205	161499	186973	182072	163457	grade 0 events	49634	18955	47476	24183	51886	47108
rejected events	80343	72760	74017	67434	81736	78433		30%	9%	29%	12%	28%	28%
rejected %	48%	38%	45%	36%	44%	47%	grade 1 events	531	248	319	154	357	361
								0%	0%	0%	0%	0%	0%
							grade 2 events	13564	43135	15820	26726	19137	15089
								8%	22%	9%	14%	10%	9%
							grade 3 events	5803	6072	5797	11651	7265	5815
								3%	3%	3%	6%	3%	3%
							grade 4 events	5979	5744	5839	11453	7210	5934
								3%	3%	3%	6%	3%	3%
							grade 5 events	3981	9630	4276	10683	5345	4614
								2%	5%	2%	5%	2%	2%
							grade 6 events	11133	46640	14878	48703	17685	13365
								6%	24%	9%	26%	9%	8%
							grade 7 events	73526	59781	67094	53420	73187	71171
								44%	31%	41%	28%	40%	43%

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	356.370644182208	356.3706441412932
[deg] Pointing Dec	11.70228121733153	11.70228084861735
[deg] Pointing Roll	142.5714966044538	142.5714966028996
[mm] SIM focus pos	-1.5263399358	-1.5263399358
[mm] SIM defocus	0.006996627355743357	0.006996627355743357
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	336748785.459502	336748785.459502
Observation start date	2008-09-02T13:46:00	2008-09-02T13:19:45
[s] Observation end time (MET)	336758302.44225	336758302.44225
Observation end date	2008-09-02T15:32:00	2008-09-02T15:58:22
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5903999717832

A.2 Comments