

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56390 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 22 2012

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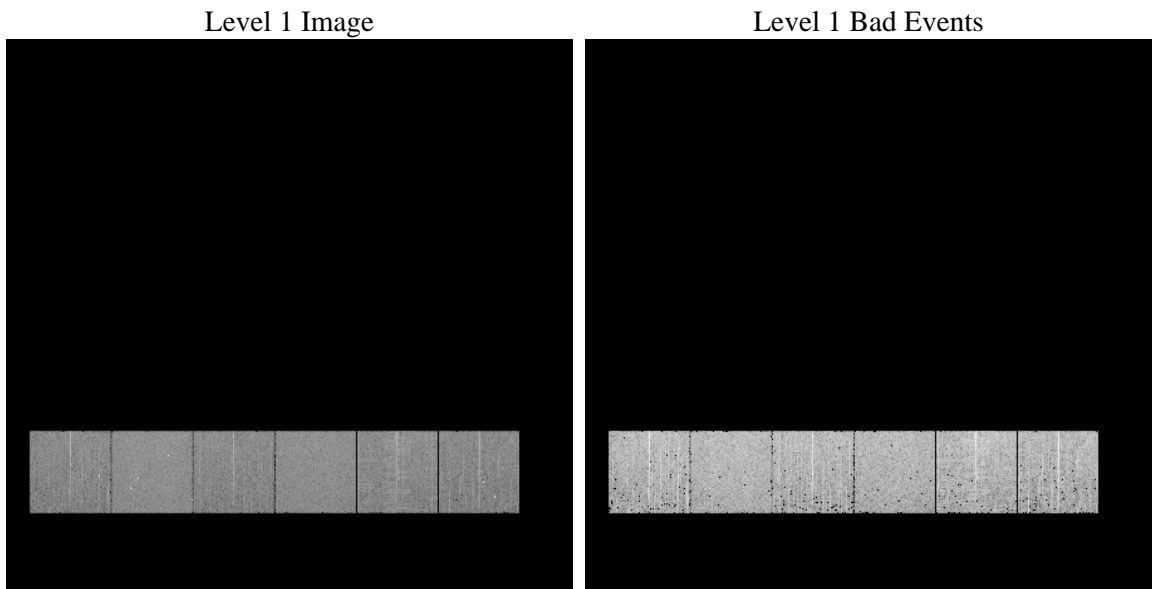
1 Front

seq_num	 	Sequence number
obs_id	56390	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	154.05590376522	Nominal RA [deg]
dec_nom	-8.5232219154661	Nominal Dec [deg]
roll_nom	292.73251483442	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3036.7999887466	Sum of GTIs [s]
livetime	2998.3461987477	Livetime [s]
ontime4	3036.7999887466	Sum of GTIs [s]
ontime5	3036.7999887466	Sum of GTIs [s]
ontime6	3036.7999887466	Sum of GTIs [s]
ontime7	3036.7999887466	Sum of GTIs [s]
ontime8	3036.7999887466	Sum of GTIs [s]
ontime9	3036.7999887466	Sum of GTIs [s]
l2events	163323	Number of level 2 events

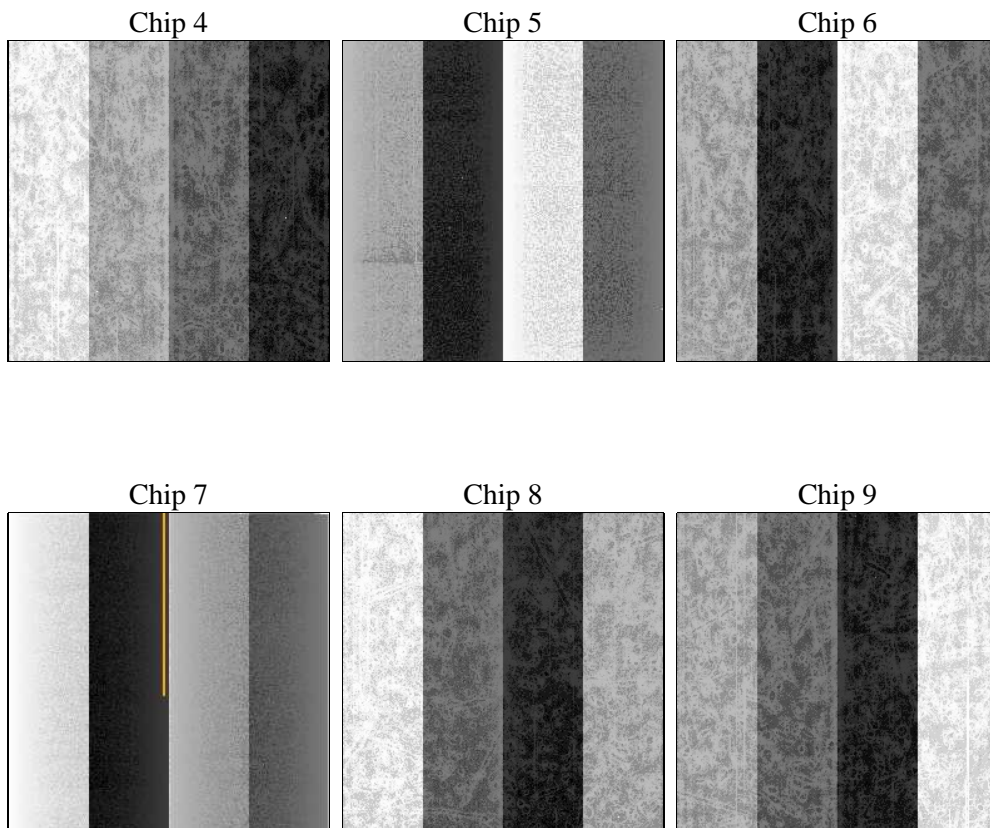
2 OBI

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	3036.7999887466	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	3036.7999887466	Sum of GTIs [s]
date	2012-06-22T19:45:47	Date and time of file creation	ontime5	3036.7999887466	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3036.7999887466	Sum of GTIs [s]
			ontime7	3036.7999887466	Sum of GTIs [s]
			ontime8	3036.7999887466	Sum of GTIs [s]
			ontime9	3036.7999887466	Sum of GTIs [s]
			l1events	371750	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	57100	70783	57053	66502	63921	56391	grade 0 events	14779	6769	14165	7183	15576	14560
rejected events	33071	31401	32033	28991	34117	30954		25%	9%	24%	10%	24%	25%
rejected %	57%	44%	56%	43%	53%	54%	grade 1 events	150	126	89	55	99	95
								0%	0%	0%	0%	0%	0%
							grade 2 events	4215	14751	4905	8752	6191	5267
								7%	20%	8%	13%	9%	9%
							grade 3 events	1788	1933	1774	3693	2404	1703
								3%	2%	3%	5%	3%	3%
							grade 4 events	1799	1887	1721	3699	2337	1752
								3%	2%	3%	5%	3%	3%
							grade 5 events	1697	3822	1776	4299	2228	1920
								2%	5%	3%	6%	3%	3%
							grade 6 events	3412	17215	4518	17147	5947	4167
								5%	24%	7%	25%	9%	7%
							grade 7 events	29260	24280	28105	21674	29139	26927
								51%	34%	49%	32%	45%	47%

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	154.0559037652172
[deg] Pointing Dec	0	-8.52322191546614
[deg] Pointing Roll	0.0	292.7325148344228
[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)	385193596.578634	385193596.578634
Observation start date	2010-03-17T06:13:17	2010-03-17T06:13:16
[s] Observation end time (MET)	385198145.061525	385198145.061525
Observation end date	2010-03-17T07:29:05	2010-03-17T07:29:05
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)	2012.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0367999887466

A.2 Comments