

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57231 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 2 2012

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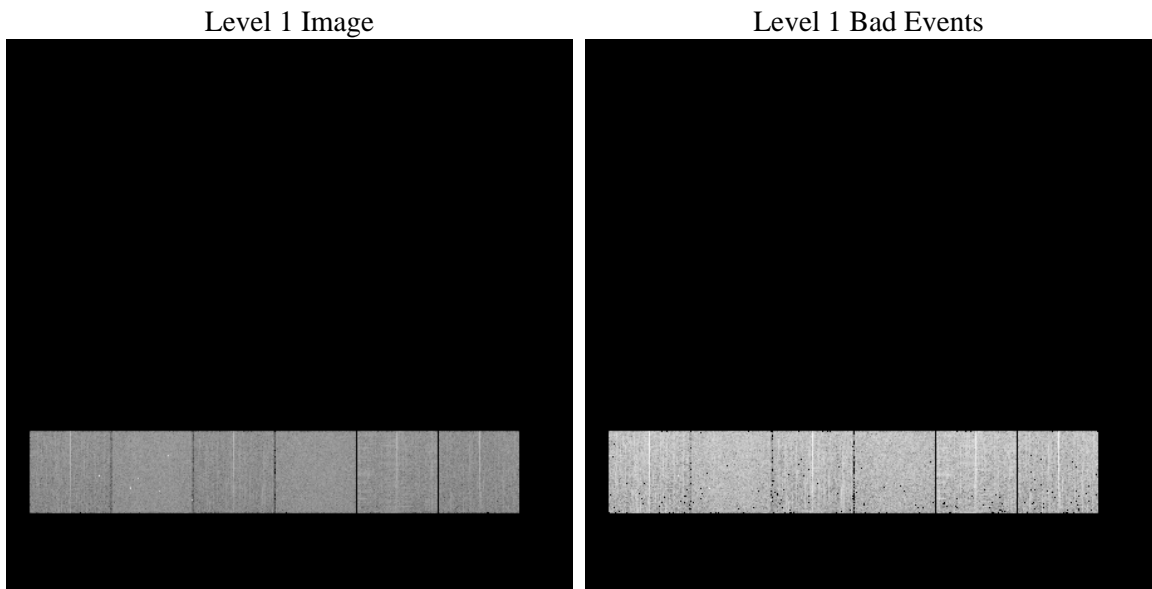
1 Front

seq_num	 	Sequence number
obs_id	57231	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	164.53057906521	Nominal RA [deg]
dec_nom	-19.499734001014	Nominal Dec [deg]
roll_nom	328.20586753173	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	199104	Number of level 2 events

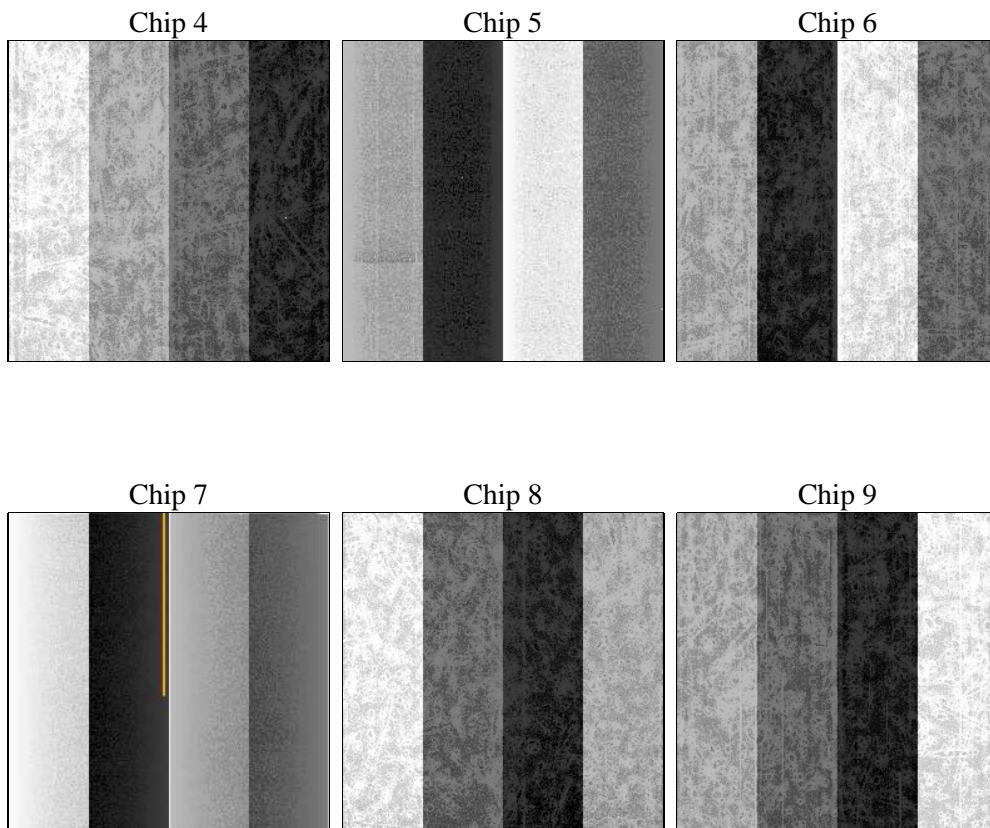
2 OBI

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	8.4.4	Processing system revision	ontime	3036.7999887466	Sum of GTIs [s]
caldbver	4.4.9	 	ontime4	3036.7999887466	Sum of GTIs [s]
date	2012-06-02T18:32:14	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	422021	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	65873	77904	65023	75550	74097	63574	grade 0 events	18496	7567	17720	9042	19492	17638
rejected events	35781	33103	33770	31019	37424	33176		28%	9%	27%	11%	26%	27%
rejected %	54%	42%	51%	41%	50%	52%	grade 1 events	170	153	120	74	152	172
								0%	0%	0%	0%	0%	0%
							grade 2 events	5175	16928	5849	10440	7333	5607
								7%	21%	8%	13%	9%	8%
							grade 3 events	2167	2260	2205	4462	2882	2175
								3%	2%	3%	5%	3%	3%
							grade 4 events	2245	2200	2208	4541	2806	2196
								3%	2%	3%	6%	3%	3%
							grade 5 events	1683	4041	1827	4557	2309	1947
								2%	5%	2%	6%	3%	3%
							grade 6 events	4267	19231	5568	19612	7033	5159
								6%	24%	8%	25%	9%	8%
							grade 7 events	31670	25524	29526	22822	32090	28680
								48%	32%	45%	30%	43%	45%

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	164.5305790652118
[deg] Pointing Dec	0	-19.49973400101376
[deg] Pointing Roll	0.0	328.2058675317332
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673
[mm] SIM defocus	0.7524282194390134	0.7524282194390134
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	353660589.295132	353660589.295132
Observation start date	2009-03-17T07:03:09	2009-03-17T07:03:09
[s] Observation end time (MET)	353665136.345948	353665136.345948
Observation end date	2009-03-17T08:18:56	2009-03-17T08:18:56
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)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0367999887466

A.2 Comments