

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 58970 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 1 2012

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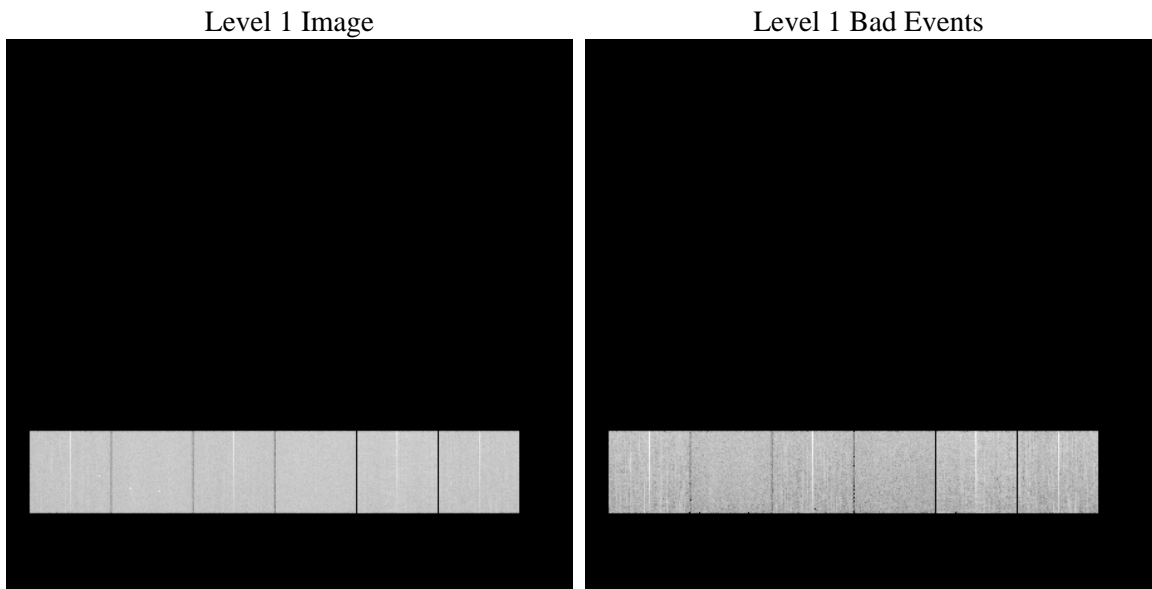
1 Front

seq_num	 	Sequence number
obs_id	58970	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	223.03907805	Nominal RA [deg]
dec_nom	-45.990846245098	Nominal Dec [deg]
roll_nom	345.75402976679	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8181.7376543283	Sum of GTIs [s]
livetime	8078.1355656983	Livetime [s]
ontime4	8181.6145343184	Sum of GTIs [s]
ontime5	8181.696614325	Sum of GTIs [s]
ontime6	8181.6555743217	Sum of GTIs [s]
ontime7	8181.7376543283	Sum of GTIs [s]
ontime8	8181.5734943449	Sum of GTIs [s]
ontime9	8181.7786943316	Sum of GTIs [s]
l2events	927228	Number of level 2 events

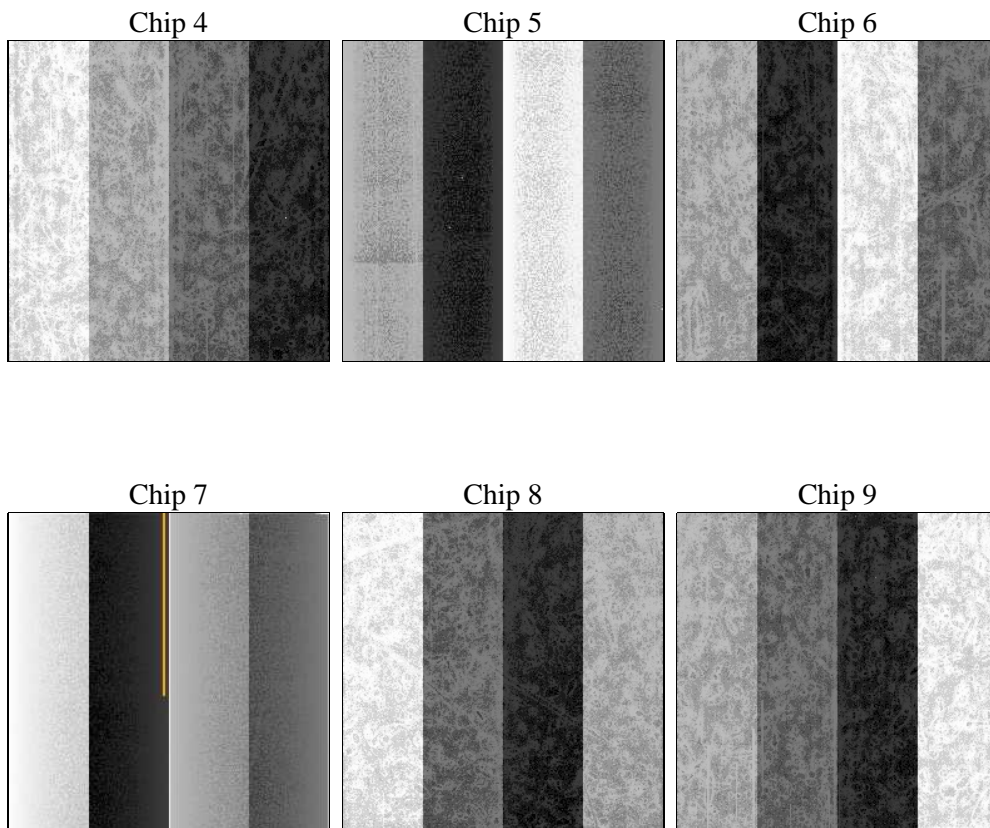
2 OBI

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	8.4.3	Processing system revision	ontime	8181.7376543283	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8181.6145343184	Sum of GTIs [s]
date	2012-04-01T05:40:54	Date and time of file creation	ontime5	8181.696614325	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8181.6555743217	Sum of GTIs [s]
			ontime7	8181.7376543283	Sum of GTIs [s]
			ontime8	8181.5734943449	Sum of GTIs [s]
			ontime9	8181.7786943316	Sum of GTIs [s]
			l1events	1431980	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	228562	237748	232929	246549	254664	231528	grade 0 events	87791	30913	87639	41809	91616	86136
rejected events	79039	67427	71424	61197	82940	75828		38%	13%	37%	16%	35%	37%
rejected %	34%	28%	30%	24%	32%	32%	grade 1 events	774	213	525	166	549	635
								0%	0%	0%	0%	0%	0%
							grade 2 events	23396	64237	28592	41003	31036	26892
								10%	27%	12%	16%	12%	11%
							grade 3 events	10448	8855	10426	18628	11817	10309
								4%	3%	4%	7%	4%	4%
							grade 4 events	10150	8650	10360	18005	11851	10324
								4%	3%	4%	7%	4%	4%
							grade 5 events	3939	9347	4162	10030	5170	4528
								1%	3%	1%	4%	2%	1%
							grade 6 events	19508	59654	26363	67970	27383	23795
								8%	25%	11%	27%	10%	10%
							grade 7 events	72556	55879	64862	48938	75242	68909
								31%	23%	27%	19%	29%	29%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	223.039078050002	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-45.99084624509807	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	345.7540297667879			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	263906052.760607	263906051.7356			
Observation start date	2006-05-13T11:14:13	2006-05-13T11:14:11			
[s] Observation end time (MET)	263929478.1117	263929477.08669			
Observation end date	2006-05-13T17:44:38	2006-05-13T17:44:37			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1817376543283

A.2 Comments