

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61926 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 1 2012

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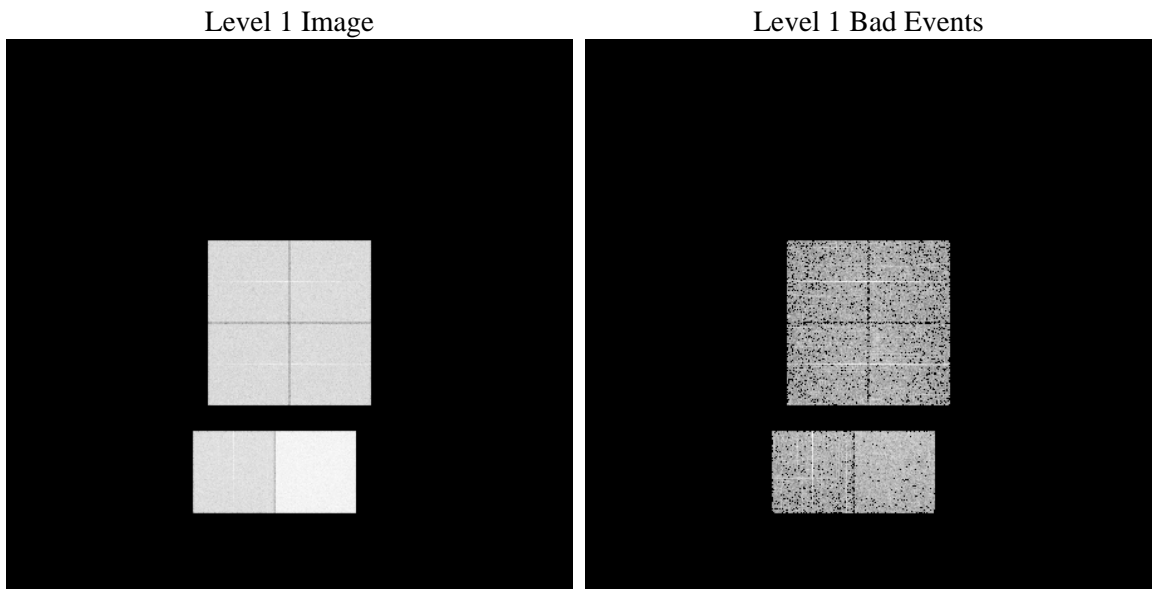
1 Front

seq_num	 	Sequence number
obs_id	61926	Observation id
title	ACIS-012367 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	79.43997855818	Nominal RA [deg]
dec_nom	30.933019755806	Nominal Dec [deg]
roll_nom	94.286621436804	Nominal Roll [deg]
revision	4	Processing version of data
ontime	3980.8325180709	Sum of GTIs [s]
livetime	3930.4248197576	Livetime [s]
ontime0	1586.6763638705	Sum of GTIs [s]
ontime1	1666.7605298907	Sum of GTIs [s]
ontime2	1564.0710642338	Sum of GTIs [s]
ontime3	1576.8712436408	Sum of GTIs [s]
ontime6	1781.2617836744	Sum of GTIs [s]
ontime7	3980.8325180709	Sum of GTIs [s]
l2events	915039	Number of level 2 events

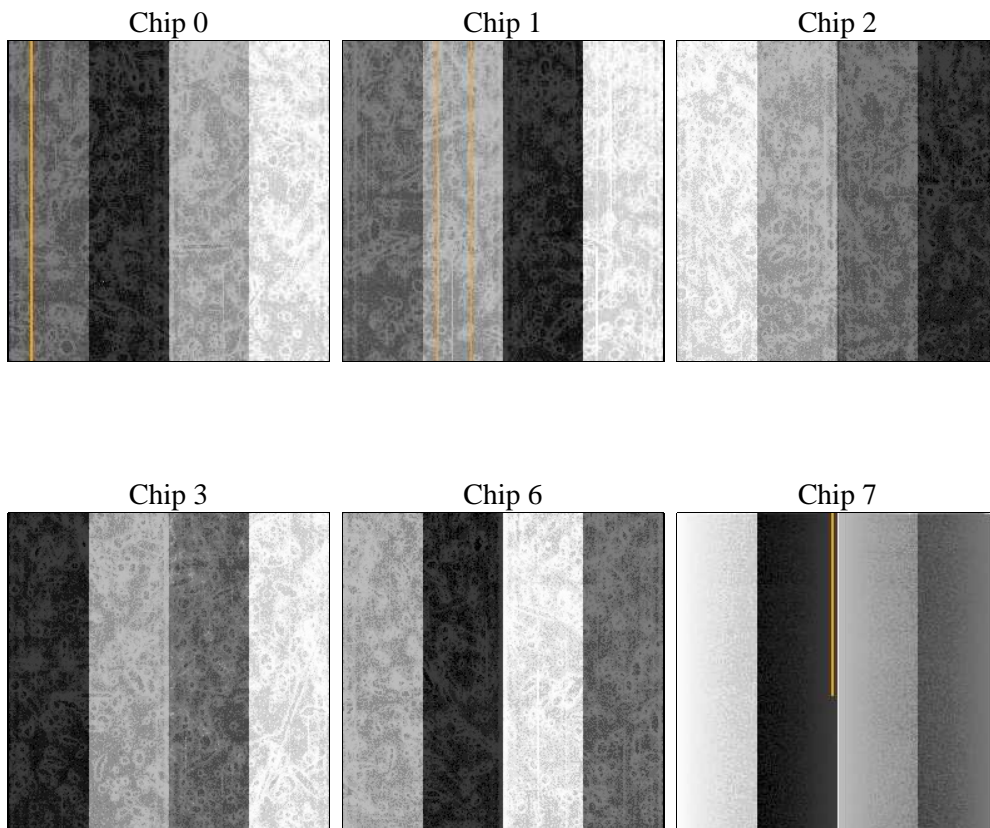
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3980.8325180709	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	1586.6763638705	Sum of GTIs [s]
date	2012-09-01T19:52:23	Date and time of file creation	ontime1	1666.7605298907	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	1564.0710642338	Sum of GTIs [s]
			ontime3	1576.8712436408	Sum of GTIs [s]
			ontime6	1781.2617836744	Sum of GTIs [s]
			ontime7	3980.8325180709	Sum of GTIs [s]
			l1events	1045724	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	134685	141487	134983	137447	160572	336550	grade 0 events	66869	70604	67126	68713	78611	81248
rejected events	13570	13642	14251	15052	16262	19977		49%	49%	49%	49%	48%	24%
rejected %	10%	9%	10%	10%	10%	5%	grade 1 events	348	392	404	406	418	232
								0%	0%	0%	0%	0%	0%
							grade 2 events	21013	22539	20983	21229	25280	70293
								15%	15%	15%	15%	15%	20%
							grade 3 events	7799	7978	7728	7687	8943	32257
								5%	5%	5%	5%	5%	9%
							grade 4 events	7644	8175	7566	7725	8698	32368
								5%	5%	5%	5%	5%	9%
							grade 5 events	994	1146	1008	997	1228	4507
								0%	0%	0%	0%	0%	1%
							grade 6 events	17790	18549	17329	17041	22778	100407
								13%	13%	12%	12%	14%	29%
							grade 7 events	12228	12104	12839	13649	14616	15238
								9%	8%	9%	9%	9%	4%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	79.4399785581798	Alternating exposures requested	N	N
[deg] Pointing Dec	0	30.93301975580621	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	94.28662143680438			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	85206923.74699999	85206922.97865599			
Observation start date	2000-09-13T04:35:24	2000-09-13T04:35:22			
[s] Observation end time (MET)	85230375.748	85230374.979537			
Observation end date	2000-09-13T11:06:16	2000-09-13T11:06:14			
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)	2012.09.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.9808325180709

A.2 Comments