

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60386 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 11 2012

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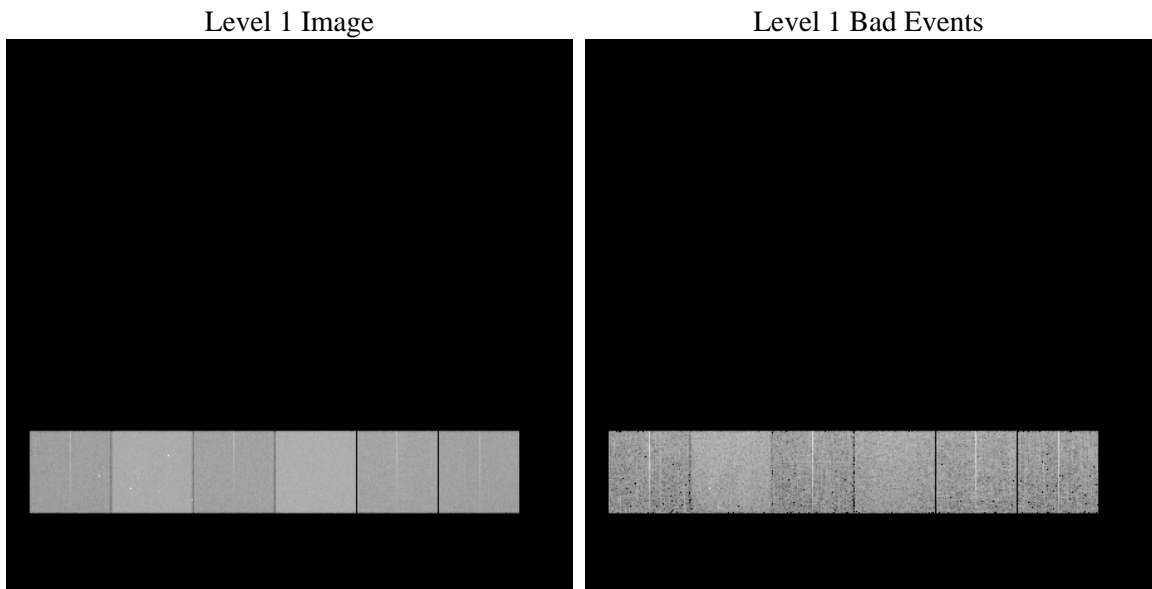
1 Front

seq_num	 	Sequence number
obs_id	60386	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	224.49199950539	Nominal RA [deg]
dec_nom	-5.9725152729301	Nominal Dec [deg]
roll_nom	73.260310841457	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8462.5498578548	Sum of GTIs [s]
livetime	8355.3919560189	Livetime [s]
ontime4	5150.1564096212	Sum of GTIs [s]
ontime5	8462.5088178515	Sum of GTIs [s]
ontime6	5461.331212014	Sum of GTIs [s]
ontime7	8462.5498578548	Sum of GTIs [s]
ontime8	5694.5992003977	Sum of GTIs [s]
ontime9	5338.2983100414	Sum of GTIs [s]
l2events	1225918	Number of level 2 events

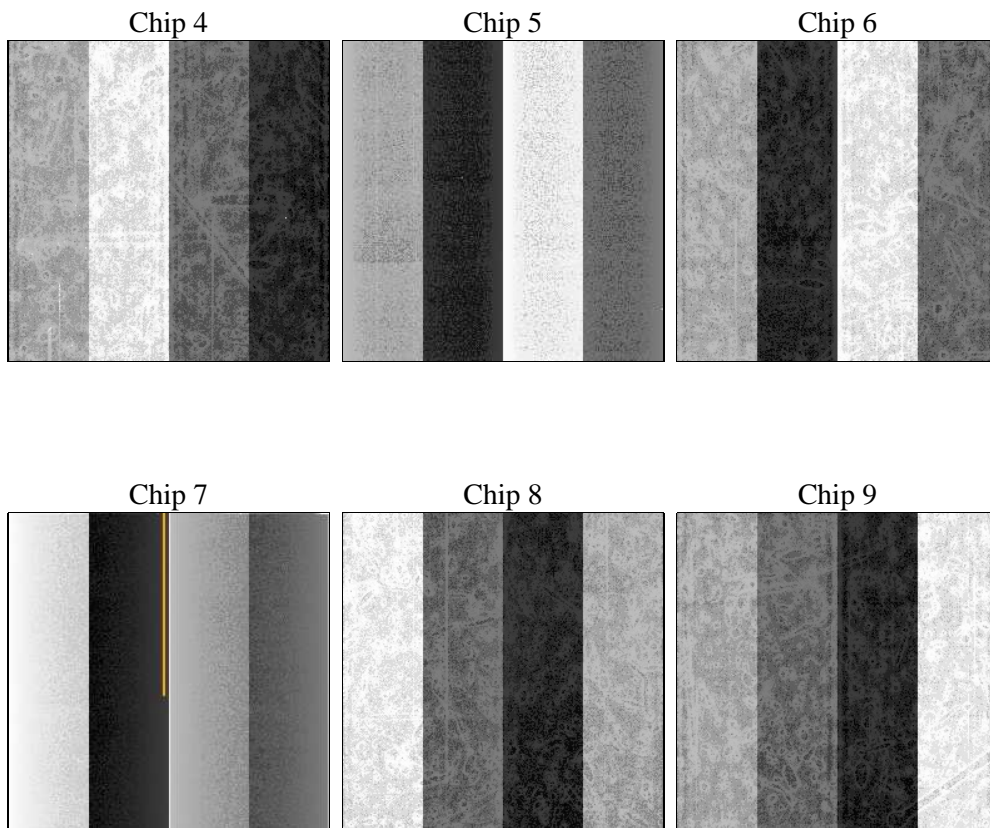
2 OBI

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	8462.5498578548	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	5150.1564096212	Sum of GTIs [s]
date	2012-11-11T14:00:24	Date and time of file creation	ontime5	8462.5088178515	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5461.331212014	Sum of GTIs [s]
			ontime7	8462.5498578548	Sum of GTIs [s]
			ontime8	5694.5992003977	Sum of GTIs [s]
			ontime9	5338.2983100414	Sum of GTIs [s]
			l1events	1534209	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	200101	316172	223548	340159	240905	213324	grade 0 events	96841	60370	103068	73134	109785	98032
rejected events	34139	52186	34323	43663	40396	35193		48%	19%	46%	21%	45%	45%
rejected %	17%	16%	15%	12%	16%	16%	grade 1 events	658	223	495	209	526	526
								0%	0%	0%	0%	0%	0%
							grade 2 events	26427	95887	32614	65016	34961	30554
								13%	30%	14%	19%	14%	14%
							grade 3 events	10785	16079	11798	29736	12884	11505
								5%	5%	5%	8%	5%	5%
							grade 4 events	10781	15793	11642	29736	13001	11368
								5%	4%	5%	8%	5%	5%
							grade 5 events	2185	8790	2505	8048	2978	2501
								1%	2%	1%	2%	1%	1%
							grade 6 events	21251	75971	30219	98985	29978	26782
								10%	24%	13%	29%	12%	12%
							grade 7 events	31173	43059	31207	35295	36792	32056
								15%	13%	13%	10%	15%	15%

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	224.4919995053924	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-5.972515272930105	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	73.26031084145738			
[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)	192164561.109946	192164560.08524			
Observation start date	2004-02-03T03:02:41	2004-02-03T03:02:40			
[s] Observation end time (MET)	192187326.360941	192187325.33624			
Observation end date	2004-02-03T09:22:06	2004-02-03T09:22:05			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4625498578548

A.2 Comments