

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 59966 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 11 2012

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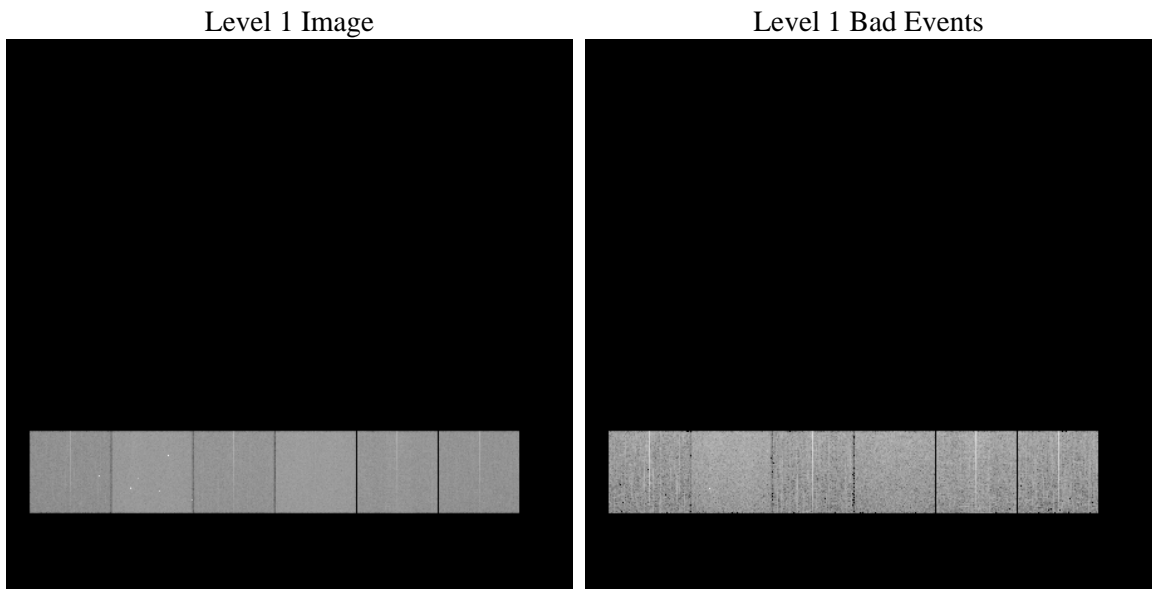
1 Front

seq_num	 	Sequence number
obs_id	59966	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	51.027170506298	Nominal RA [deg]
dec_nom	12.010651774661	Nominal Dec [deg]
roll_nom	348.99092556213	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7800.339522928	Sum of GTIs [s]
livetime	7701.5669270881	Livetime [s]
ontime4	5596.3489408791	Sum of GTIs [s]
ontime5	7800.2984829247	Sum of GTIs [s]
ontime6	6154.6904265583	Sum of GTIs [s]
ontime7	7800.339522928	Sum of GTIs [s]
ontime8	6294.0532447994	Sum of GTIs [s]
ontime9	5985.4311735332	Sum of GTIs [s]
l2events	1053561	Number of level 2 events

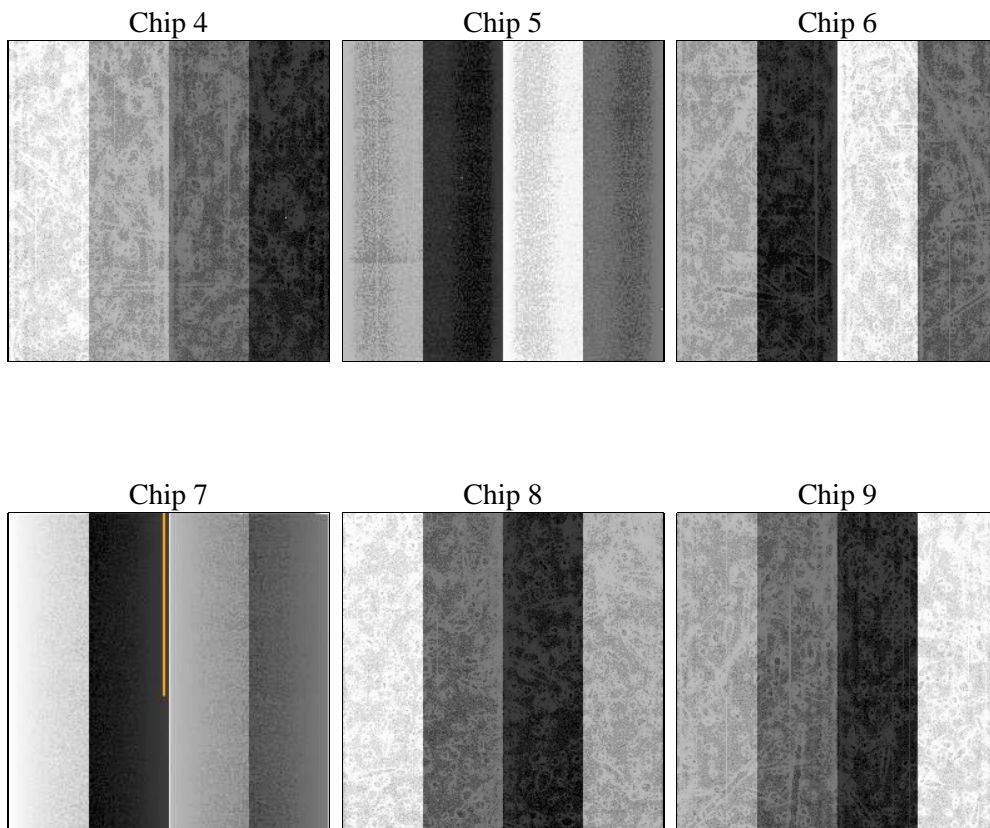
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	7800.339522928	Sum of GTIs [s]
caldsver	4.5.4	 	ontime4	5596.3489408791	Sum of GTIs [s]
date	2012-12-11T22:20:40	Date and time of file creation	ontime5	7800.2984829247	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	6154.6904265583	Sum of GTIs [s]
			ontime7	7800.339522928	Sum of GTIs [s]
			ontime8	6294.0532447994	Sum of GTIs [s]
			ontime9	5985.4311735332	Sum of GTIs [s]
			l1events	1411414	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	192344	268841	222179	282849	235759	209442	grade 0 events	86685	46817	95627	56310	100059	89907
rejected events	43303	55278	46351	48207	51458	45780		45%	17%	43%	19%	42%	42%
rejected %	22%	20%	20%	17%	21%	21%	grade 1 events	649	206	452	198	561	486
								0%	0%	0%	0%	0%	0%
							grade 2 events	23464	77731	30597	51328	32192	28061
								12%	28%	13%	18%	13%	13%
							grade 3 events	9988	12327	10868	23655	11993	10293
								5%	4%	4%	8%	5%	4%
							grade 4 events	9732	11932	10913	23143	12170	10431
								5%	4%	4%	8%	5%	4%
							grade 5 events	2528	8732	3012	8572	3572	3111
								1%	3%	1%	3%	1%	1%
							grade 6 events	19172	64756	27823	80206	27887	24970
								9%	24%	12%	28%	11%	11%
							grade 7 events	40126	46340	42887	39437	47325	42183
								20%	17%	19%	13%	20%	20%

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	51.02717050629776	Alternating exposures requested	N	N
[deg] Pointing Dec	0	12.0106517746607	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	348.9909255621317			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	217028512.011737	217028510.98673			
Observation start date	2004-11-16T21:41:52	2004-11-16T21:41:50			
[s] Observation end time (MET)	217047609.812595	217047608.78759			
Observation end date	2004-11-17T03:00:10	2004-11-17T03:00:08			
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)	2013.01.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.800339522928

A.2 Comments