

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60672 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 31 2012

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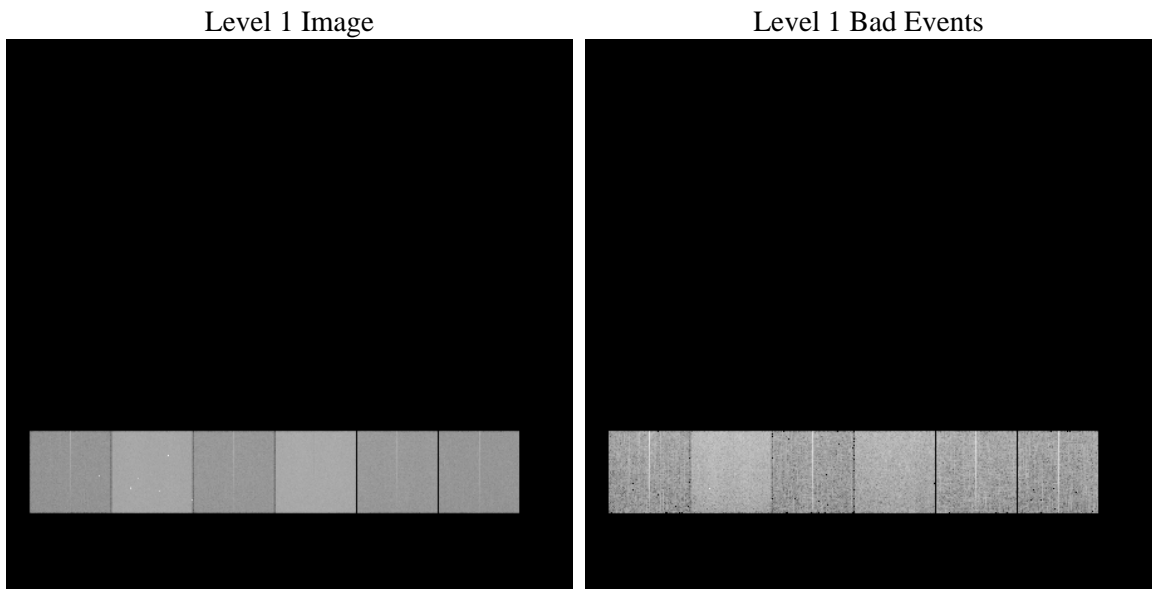
1 Front

seq_num	 	Sequence number
obs_id	60672	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	187.70567335081	Nominal RA [deg]
dec_nom	12.361915937814	Nominal Dec [deg]
roll_nom	248.32984811506	Nominal Roll [deg]
revision	3	Processing version of data
ontime	12204.799954534	Sum of GTIs [s]
livetime	12050.255428661	Livetime [s]
ontime4	5859.7435105741	Sum of GTIs [s]
ontime5	12204.799954534	Sum of GTIs [s]
ontime6	6342.611550957	Sum of GTIs [s]
ontime7	12204.799954534	Sum of GTIs [s]
ontime8	6549.3018393815	Sum of GTIs [s]
ontime9	6135.0648900867	Sum of GTIs [s]
l2events	1807567	Number of level 2 events

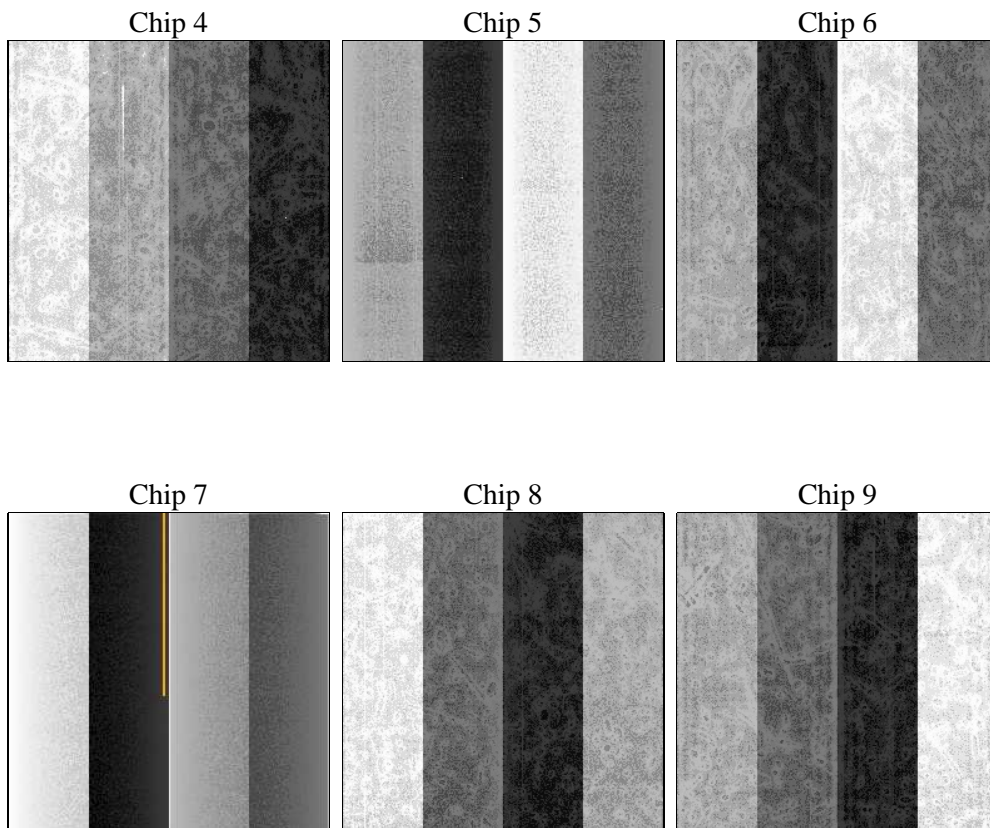
2 OBI

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	12204.799954534	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	5859.7435105741	Sum of GTIs [s]
date	2012-10-31T08:28:38	Date and time of file creation	ontime5	12204.799954534	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	6342.611550957	Sum of GTIs [s]
			ontime7	12204.799954534	Sum of GTIs [s]
			ontime8	6549.3018393815	Sum of GTIs [s]
			ontime9	6135.0648900867	Sum of GTIs [s]
			l1events	2207302	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	260195	510175	294783	552489	312983	276677	grade 0 events	127416	103459	139205	123070	145682	130066
rejected events	41240	75480	40182	60841	47642	41127		48%	20%	47%	22%	46%	47%
rejected %	15%	14%	13%	11%	15%	14%	grade 1 events	810	341	664	340	741	712
								0%	0%	0%	0%	0%	0%
							grade 2 events	35182	154850	43939	108544	45888	40481
								13%	30%	14%	19%	14%	14%
							grade 3 events	14413	26849	15728	49935	17235	15084
								5%	5%	5%	9%	5%	5%
							grade 4 events	14250	26599	15671	49221	17304	14980
								5%	5%	5%	8%	5%	5%
							grade 5 events	2540	13165	2955	11691	3547	2934
								0%	2%	1%	2%	1%	1%
							grade 6 events	27694	122938	40058	160878	39232	34939
								10%	24%	13%	29%	12%	12%
							grade 7 events	37890	61974	36563	48810	43354	37481
								14%	12%	12%	8%	13%	13%

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	187.7056733508076	Alternating exposures requested	N	N
[deg] Pointing Dec	0	12.36191593781428	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	248.3298481150604			
[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)	173617703.960647	173617702.93593			
Observation start date	2003-07-03T11:08:24	2003-07-03T11:08:22			
[s] Observation end time (MET)	173660421.862465	173660420.83775			
Observation end date	2003-07-03T23:00:22	2003-07-03T23:00:20			
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)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.204799954534

A.2 Comments