

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61443 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 25 2012

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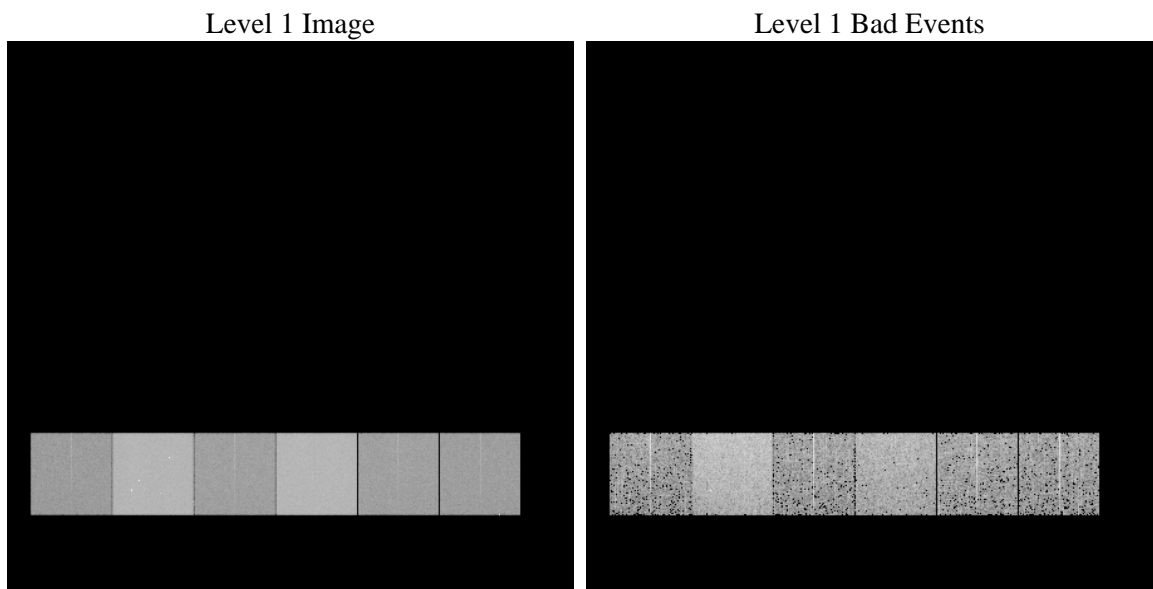
1 Front

seq_num	 	Sequence number
obs_id	61443	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	307.02691962856	Nominal RA [deg]
dec_nom	-35.01824146929	Nominal Dec [deg]
roll_nom	287.68396538807	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5872.1914283782	Sum of GTIs [s]
livetime	5797.8342047029	Livetime [s]
ontime4	2365.95670183	Sum of GTIs [s]
ontime5	6290.2342610508	Sum of GTIs [s]
ontime6	2557.1780215502	Sum of GTIs [s]
ontime7	5872.1914283782	Sum of GTIs [s]
ontime8	2576.6240719855	Sum of GTIs [s]
ontime9	2456.7059013695	Sum of GTIs [s]
l2events	1228621	Number of level 2 events

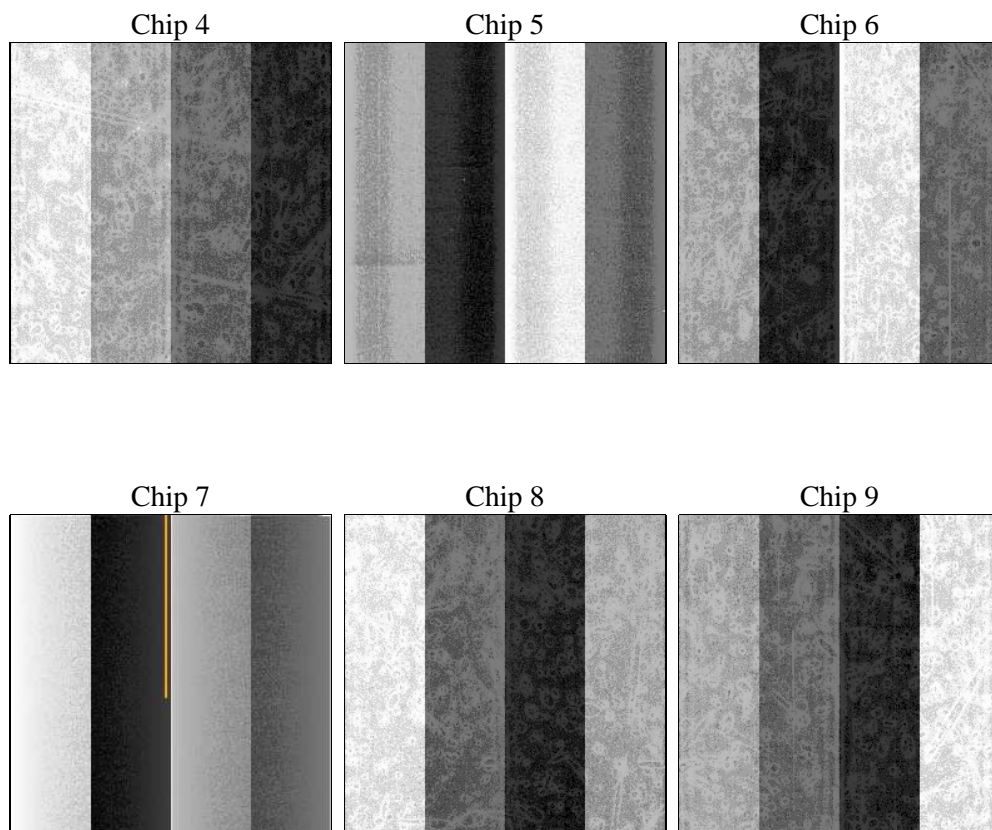
2 OBI

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	5872.1914283782	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	2365.95670183	Sum of GTIs [s]
date	2012-09-25T07:39:52	Date and time of file creation	ontime5	6290.2342610508	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2557.1780215502	Sum of GTIs [s]
			ontime7	5872.1914283782	Sum of GTIs [s]
			ontime8	2576.6240719855	Sum of GTIs [s]
			ontime9	2456.7059013695	Sum of GTIs [s]
			l1events	1424221	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	150760	373831	175905	383467	177357	162901	grade 0 events	75861	87135	86215	91841	87153	80557
rejected events	16982	39764	18297	27609	19234	17339		50%	23%	49%	23%	49%	49%
rejected %	11%	10%	10%	7%	10%	10%	grade 1 events	397	361	411	209	406	378
								0%	0%	0%	0%	0%	0%
							grade 2 events	23573	114527	27339	79212	27895	25620
								15%	30%	15%	20%	15%	15%
							grade 3 events	8058	22711	9588	36486	9886	8912
								5%	6%	5%	9%	5%	5%
							grade 4 events	8277	22292	9716	36088	10123	8899
								5%	5%	5%	9%	5%	5%
							grade 5 events	1074	7799	1422	5815	1503	1357
								0%	2%	0%	1%	0%	0%
							grade 6 events	18075	87402	24750	112231	23066	21574
								11%	23%	14%	29%	13%	13%
							grade 7 events	15445	31604	16464	21585	17325	15604
								10%	8%	9%	5%	9%	9%

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	307.0269196285556	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-35.0182414692901	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	287.6839653880722			
[mm] SIM focus pos	-0.684267	-1.428180813131781			
[mm] SIM defocus	0	0.1051558262725154			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	119246199.264	119246198.49547			
Observation start date	2001-10-12T03:56:39	2001-10-12T03:56:38			
[s] Observation end time (MET)	119258064.664	119258063.89595			
Observation end date	2001-10-12T07:14:25	2001-10-12T07:14:23			
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)	2012.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.8721914283782

A.2 Comments