

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61573 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 20 2012

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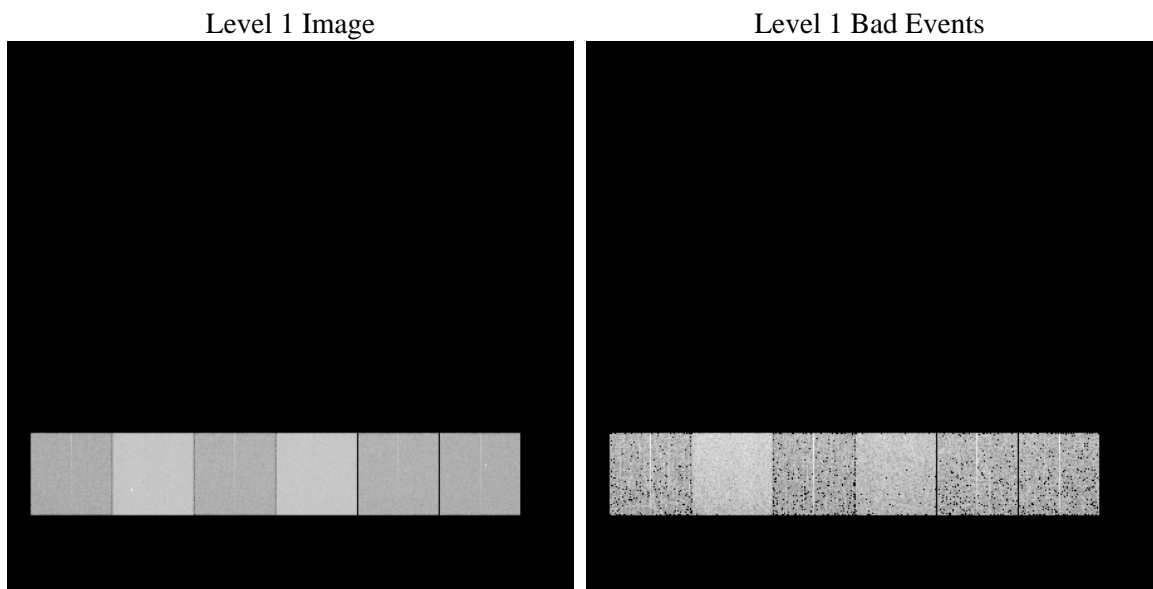
1 Front

seq_num	 	Sequence number
obs_id	61573	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	349.97134587878	Nominal RA [deg]
dec_nom	30.014210788158	Nominal Dec [deg]
roll_nom	117.42767412202	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5467.5923656225	Sum of GTIs [s]
livetime	5398.3584189001	Livetime [s]
ontime4	2119.6382211149	Sum of GTIs [s]
ontime5	5897.2829669565	Sum of GTIs [s]
ontime6	2315.943198964	Sum of GTIs [s]
ontime7	5467.5923656225	Sum of GTIs [s]
ontime8	2346.5109806657	Sum of GTIs [s]
ontime9	2238.2815982699	Sum of GTIs [s]
l2events	1227479	Number of level 2 events

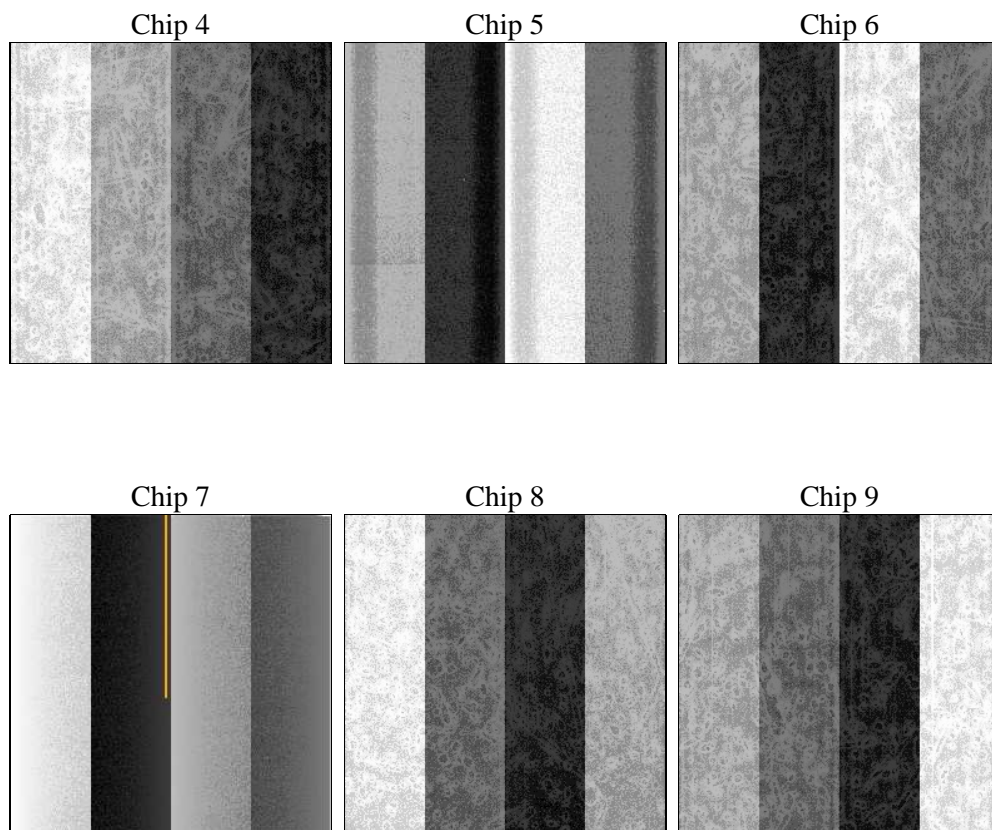
2 OBI

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	5467.5923656225	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	2119.6382211149	Sum of GTIs [s]
date	2012-09-20T13:16:11	Date and time of file creation	ontime5	5897.2829669565	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2315.943198964	Sum of GTIs [s]
			ontime7	5467.5923656225	Sum of GTIs [s]
			ontime8	2346.5109806657	Sum of GTIs [s]
			ontime9	2238.2815982699	Sum of GTIs [s]
			l1events	1428123	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	149927	378565	173050	387881	176450	162250	grade 0 events	73671	84694	84852	91873	86320	78800
rejected events	19552	41616	18082	29037	20318	18461		49%	22%	49%	23%	48%	48%
rejected %	13%	10%	10%	7%	11%	11%	grade 1 events	407	263	426	232	442	469
								0%	0%	0%	0%	0%	0%
							grade 2 events	23232	118082	26715	79453	27267	25522
								15%	31%	15%	20%	15%	15%
							grade 3 events	8007	22262	9453	36744	9826	8889
								5%	5%	5%	9%	5%	5%
							grade 4 events	8060	22145	9600	36073	9776	8916
								5%	5%	5%	9%	5%	5%
							grade 5 events	1211	8127	1354	5984	1530	1371
								0%	2%	0%	1%	0%	0%
							grade 6 events	17405	89766	24348	114701	22943	21662
								11%	23%	14%	29%	13%	13%
							grade 7 events	17934	33226	16302	22821	18346	16621
								11%	8%	9%	5%	10%	10%

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	349.9713458787849	Alternating exposures requested	N	N
[deg] Pointing Dec	0	30.01421078815832	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	117.4276741220165			
[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)	109880837.445	109880836.67653			
Observation start date	2001-06-25T18:27:17	2001-06-25T18:27:16			
[s] Observation end time (MET)	109891191.995	109891191.22693			
Observation end date	2001-06-25T21:19:52	2001-06-25T21:19:51			
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)	2012.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.4675923656225

A.2 Comments