

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61672 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 15 2012

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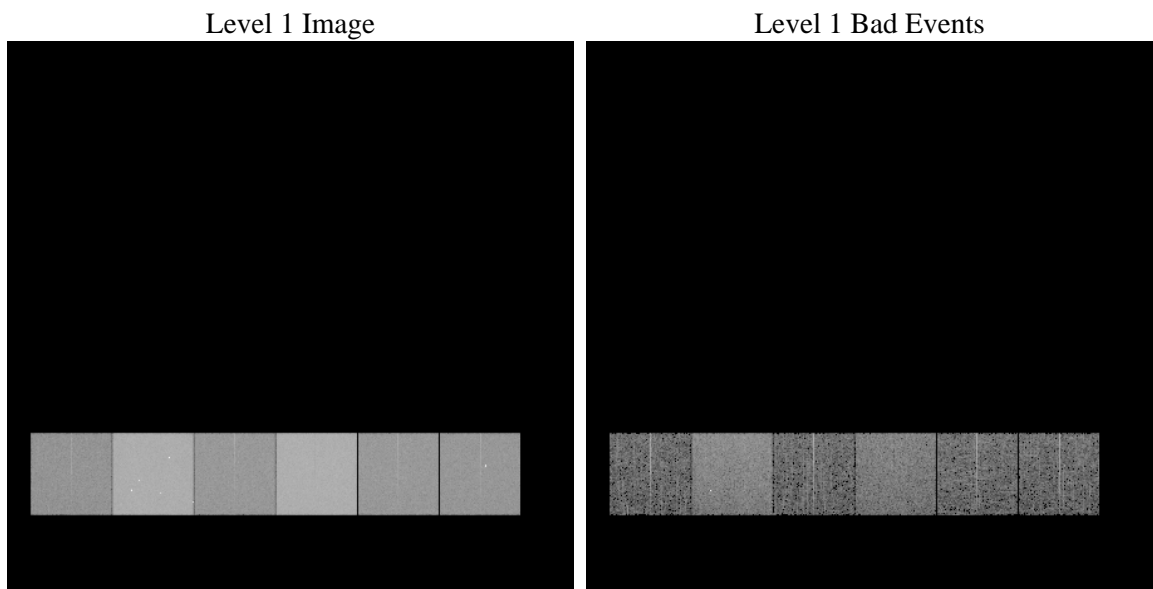
1 Front

seq_num	 	Sequence number
obs_id	61672	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	99.012647039043	Nominal RA [deg]
dec_nom	-29.026464677304	Nominal Dec [deg]
roll_nom	260.07614292898	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5626.8305273205	Sum of GTIs [s]
livetime	5555.580211113	Livetime [s]
ontime4	2191.2441842854	Sum of GTIs [s]
ontime5	6002.7407850921	Sum of GTIs [s]
ontime6	2453.8093639463	Sum of GTIs [s]
ontime7	5626.8305273205	Sum of GTIs [s]
ontime8	2479.3933503926	Sum of GTIs [s]
ontime9	2404.8495701402	Sum of GTIs [s]
l2events	1328486	Number of level 2 events

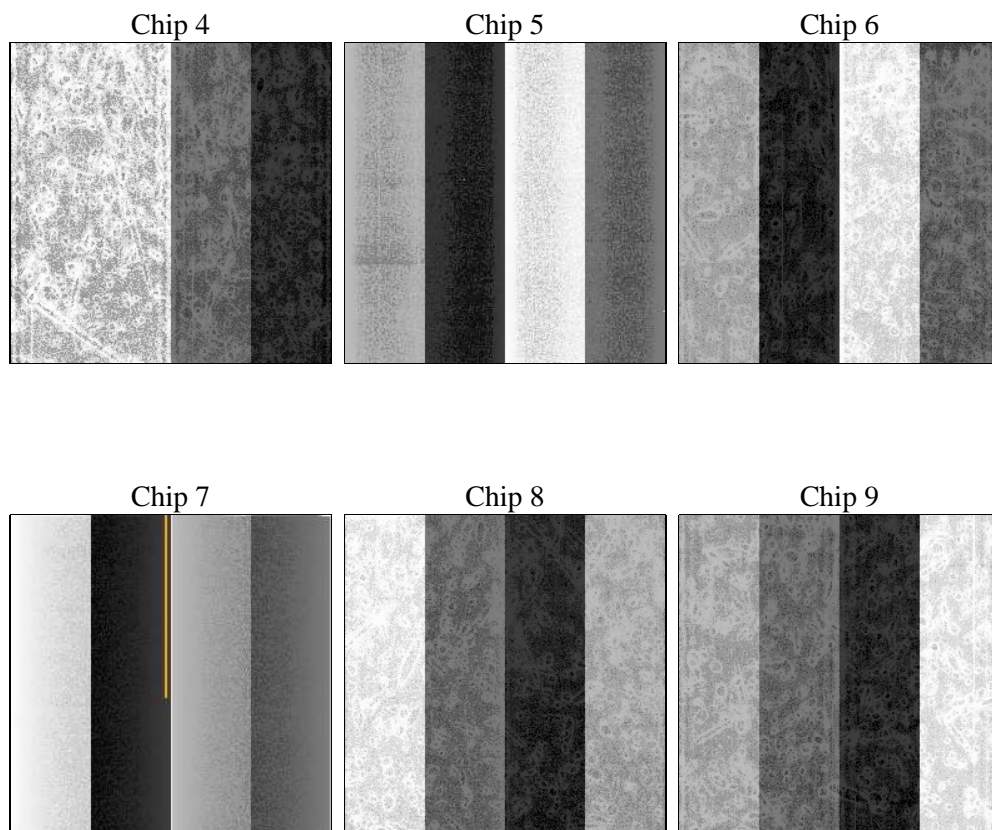
2 OBI

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	5626.8305273205	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	2191.2441842854	Sum of GTIs [s]
date	2012-09-15T04:21:15	Date and time of file creation	ontime5	6002.7407850921	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2453.8093639463	Sum of GTIs [s]
			ontime7	5626.8305273205	Sum of GTIs [s]
			ontime8	2479.3933503926	Sum of GTIs [s]
			ontime9	2404.8495701402	Sum of GTIs [s]
			l1events	1552023	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	161069	406234	192038	416418	194127	182137	grade 0 events	80360	92163	94421	99187	96019	90081
rejected events	20191	46644	20692	32354	21700	20086		49%	22%	49%	23%	49%	49%
rejected %	12%	11%	10%	7%	11%	11%	grade 1 events	454	295	462	260	462	466
								0%	0%	0%	0%	0%	0%
							grade 2 events	25044	127509	29921	85259	30412	28469
								15%	31%	15%	20%	15%	15%
							grade 3 events	8855	23562	10734	39541	11066	10091
								5%	5%	5%	9%	5%	5%
							grade 4 events	8736	23206	10630	39573	10832	9888
								5%	5%	5%	9%	5%	5%
							grade 5 events	1259	8873	1530	6331	1611	1504
								0%	2%	0%	1%	0%	0%
							grade 6 events	19121	96761	27352	124318	25444	24596
								11%	23%	14%	29%	13%	13%
							grade 7 events	17240	33865	16988	21949	18281	17042
								10%	8%	8%	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	99.01264703904323	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-29.02646467730438	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	260.0761429289799			
[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)	103071555.13	103071554.36179			
Observation start date	2001-04-07T22:59:15	2001-04-07T22:59:14			
[s] Observation end time (MET)	103082065.481	103082064.7122			
Observation end date	2001-04-08T01:54:25	2001-04-08T01:54:24			
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)	2012.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.6268305273205

A.2 Comments