

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62139 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 23 2012

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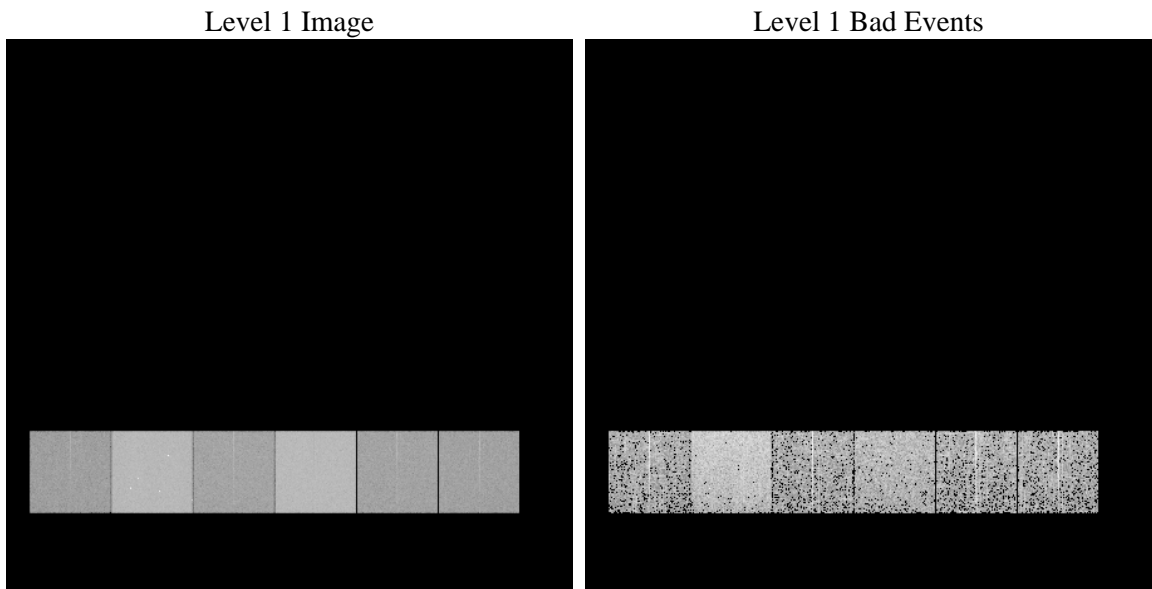
1 Front

seq_num	 	Sequence number
obs_id	62139	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	71.022781583942	Nominal RA [deg]
dec_nom	35.727877881961	Nominal Dec [deg]
roll_nom	277.70102952553	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2959.0599500239	Sum of GTIs [s]
livetime	2921.5905512047	Livetime [s]
ontime4	1189.4601911753	Sum of GTIs [s]
ontime5	3152.9566750079	Sum of GTIs [s]
ontime6	1345.0301905125	Sum of GTIs [s]
ontime7	2959.0599500239	Sum of GTIs [s]
ontime8	1293.1735506505	Sum of GTIs [s]
ontime9	1253.8004275709	Sum of GTIs [s]
l2events	928651	Number of level 2 events

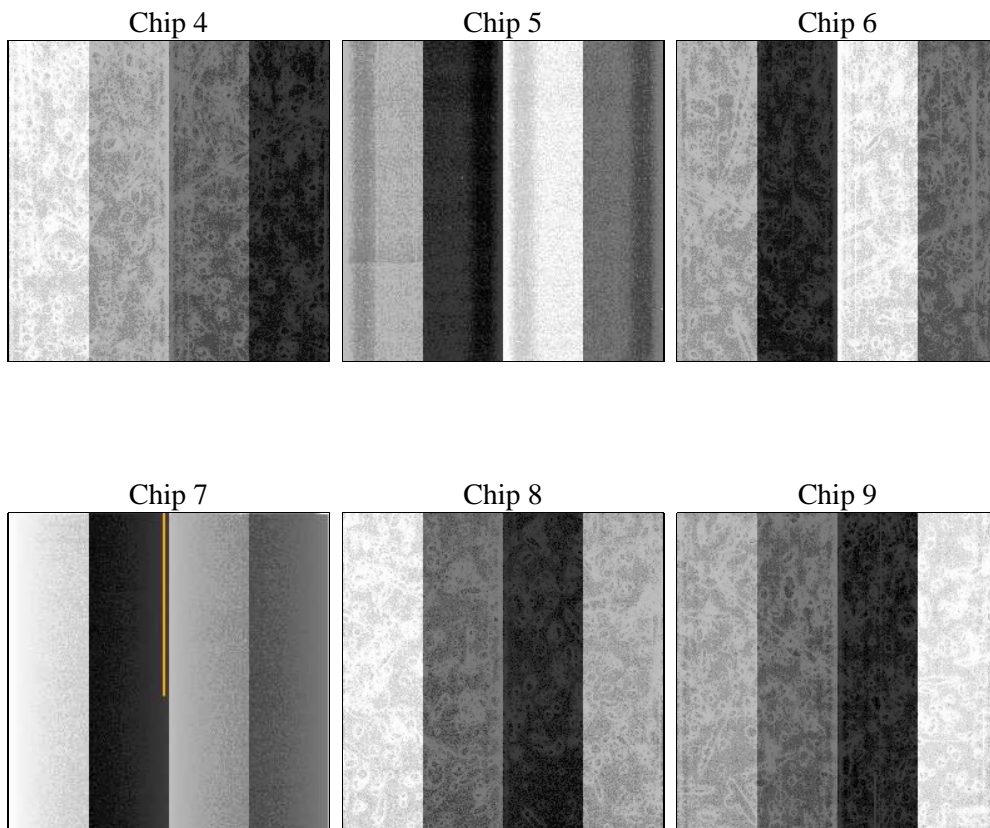
2 OBI

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	2959.0599500239	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	1189.4601911753	Sum of GTIs [s]
date	2012-08-23T20:02:25	Date and time of file creation	ontime5	3152.9566750079	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	1345.0301905125	Sum of GTIs [s]
			ontime7	2959.0599500239	Sum of GTIs [s]
			ontime8	1293.1735506505	Sum of GTIs [s]
			ontime9	1253.8004275709	Sum of GTIs [s]
			l1events	1064123	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	112426	275675	136431	285809	130898	122884	grade 0 events	56710	64304	67894	69663	64425	60162
rejected events	12496	26066	12995	16334	13910	12998		50%	23%	49%	24%	49%	48%
rejected %	11%	9%	9%	5%	10%	10%	grade 1 events	337	269	383	193	399	340
								0%	0%	0%	0%	0%	0%
							grade 2 events	17477	87323	21277	60405	20542	19395
								15%	31%	15%	21%	15%	15%
							grade 3 events	6175	16624	7687	27736	7453	6957
								5%	6%	5%	9%	5%	5%
							grade 4 events	6089	16413	7478	27576	7452	6759
								5%	5%	5%	9%	5%	5%
							grade 5 events	825	5424	1017	3835	1104	1019
								0%	1%	0%	1%	0%	0%
							grade 6 events	13479	64945	19100	84095	17116	16613
								11%	23%	13%	29%	13%	13%
							grade 7 events	11334	20373	11595	12306	12407	11639
								10%	7%	8%	4%	9%	9%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	71.02278158394215
[deg] Pointing Dec	0	35.72787788196108
[deg] Pointing Roll	0.0	277.701029525528
[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)	68527452.78130101	68527452.012835
Observation start date	2000-03-04T03:24:13	2000-03-04T03:24:12
[s] Observation end time (MET)	68573071.43296599	68573070.664498
Observation end date	2000-03-04T16:04:31	2000-03-04T16:04:30
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.9590599500239

A.2 Comments