

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58133 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 4 2012

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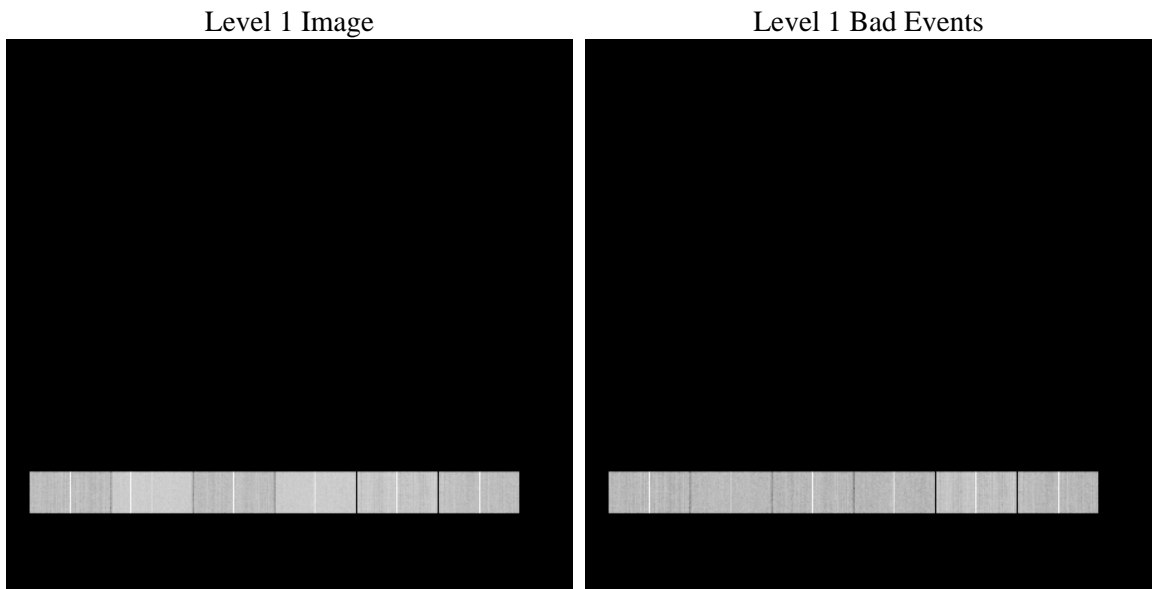
1 Front

seq_num	 	Sequence number
obs_id	58133	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	56.971349194273	Nominal RA [deg]
dec_nom	33.000378336939	Nominal Dec [deg]
roll_nom	145.07759483805	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7906.0	Sum of GTIs [s]
livetime	7875.1171875	Livetime [s]
ontime4	4077.8468413353	Sum of GTIs [s]
ontime5	7906.0	Sum of GTIs [s]
ontime6	4390.1125553846	Sum of GTIs [s]
ontime7	7906.0	Sum of GTIs [s]
ontime8	4506.8459872007	Sum of GTIs [s]
ontime9	4404.7039077282	Sum of GTIs [s]
l2events	379086	Number of level 2 events

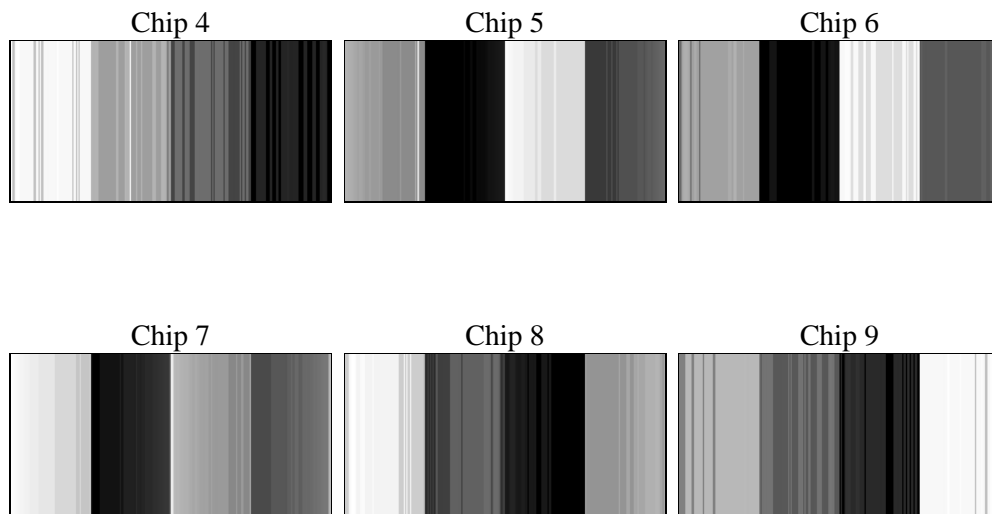
2 OBI

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	8.4.4	Processing system revision	ontime	7906.0	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	4077.8468413353	Sum of GTIs [s]
date	2012-05-04T13:42:48	Date and time of file creation	ontime5	7906.0	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4390.1125553846	Sum of GTIs [s]
			ontime7	7906.0	Sum of GTIs [s]
			ontime8	4506.8459872007	Sum of GTIs [s]
			ontime9	4404.7039077282	Sum of GTIs [s]
			l1events	1367055	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	180871	295995	185071	276472	242642	186004	grade 0 events	5791	24469	5362	21626	10849	6109
rejected events	153632	142223	152318	136313	202842	154112		3%	8%	2%	7%	4%	3%
rejected %	84%	48%	82%	49%	83%	82%	grade 1 events	73	128	66	167	113	53
								0%	0%	0%	0%	0%	0%
							grade 2 events	32019	63956	35830	41825	38306	34488
								17%	21%	19%	15%	15%	18%
							grade 3 events	1468	3504	1472	9733	2739	1449
								0%	1%	0%	3%	1%	0%
							grade 4 events	1546	3264	1426	9957	2749	1520
								0%	1%	0%	3%	1%	0%
							grade 5 events	2199	8951	2359	10843	3129	2481
								1%	3%	1%	3%	1%	1%
							grade 6 events	9815	58679	12728	57116	15207	12120
								5%	19%	6%	20%	6%	6%
							grade 7 events	127960	133044	125828	125205	169550	127784
								70%	44%	67%	45%	69%	68%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	CC33_FAINT	CC33_FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	56.97134919427279
[deg] Pointing Dec	0	33.00037833693869
[deg] Pointing Roll	0.0	145.0775948380514
[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)	311157376.253862	311157375.22888
Observation start date	2007-11-11T08:36:16	2007-11-11T08:36:15
[s] Observation end time (MET)	311183491.205122	311183490.18014
Observation end date	2007-11-11T15:51:31	2007-11-11T15:51:30
Read mode	CONTINUOUS	CONTINUOUS

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	0	0

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.906

A.2 Comments