

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57802 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 15 2012

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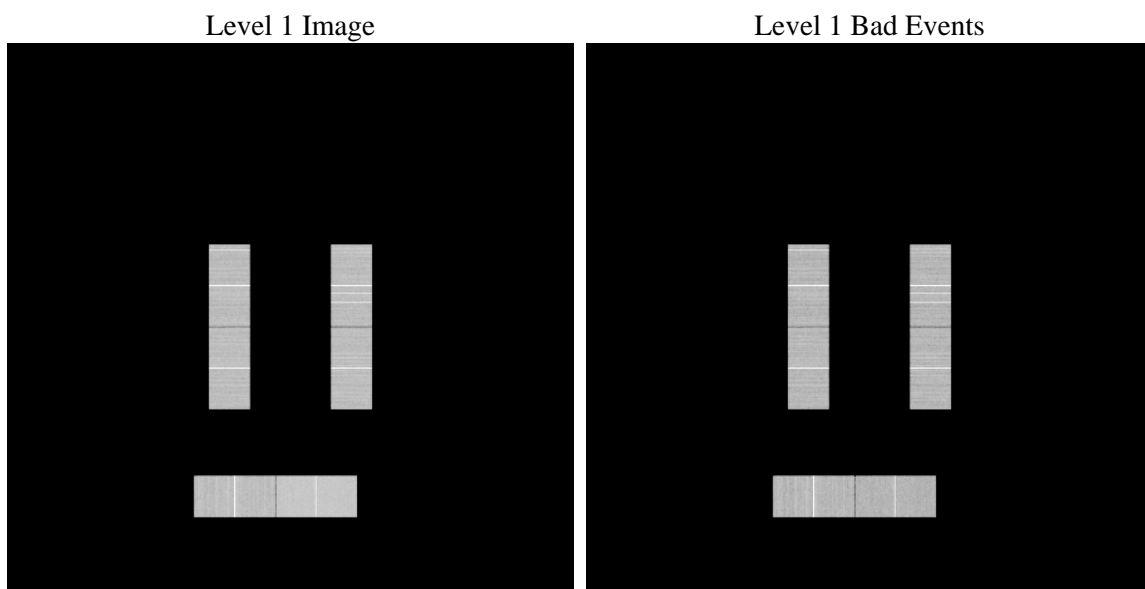
1 Front

seq_num	 	Sequence number
obs_id	57802	Observation id
title	ACIS-012367 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	234.03835027102	Nominal RA [deg]
dec_nom	-44.985346092851	Nominal Dec [deg]
roll_nom	346.61176912999	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8357.75	Sum of GTIs [s]
livetime	8325.1025390625	Livetime [s]
ontime0	5471.4931724668	Sum of GTIs [s]
ontime1	5677.2373302579	Sum of GTIs [s]
ontime2	5439.390304029	Sum of GTIs [s]
ontime3	5655.228094697	Sum of GTIs [s]
ontime6	5820.237197578	Sum of GTIs [s]
ontime7	8357.75	Sum of GTIs [s]
l2events	348167	Number of level 2 events

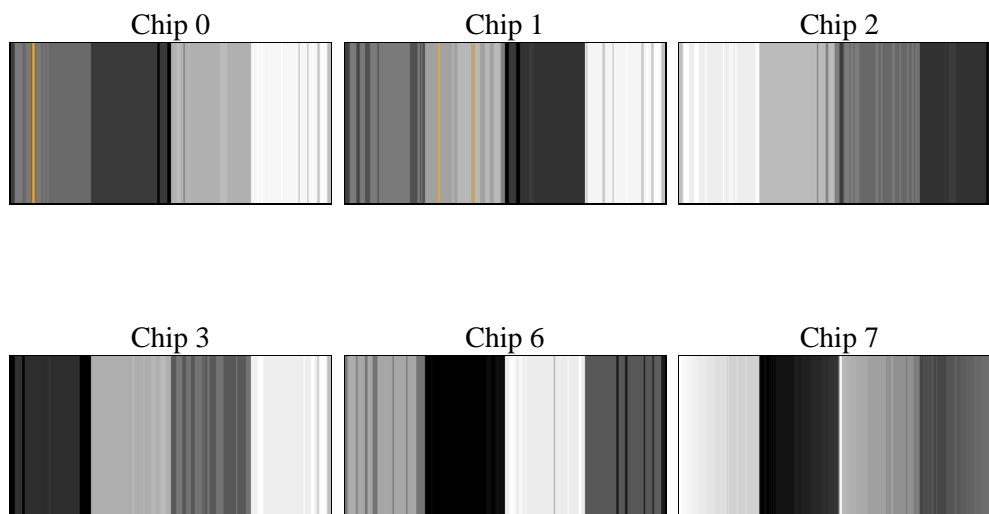
2 OBI

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	8.4.4	Processing system revision	ontime	8357.75	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	5471.4931724668	Sum of GTIs [s]
date	2012-05-15T16:17:06	Date and time of file creation	ontime1	5677.2373302579	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5439.390304029	Sum of GTIs [s]
			ontime3	5655.228094697	Sum of GTIs [s]
			ontime6	5820.237197578	Sum of GTIs [s]
			ontime7	8357.75	Sum of GTIs [s]
			l1events	1446907	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	227927	240638	226222	229826	236925	285369	grade 0 events	8437	7738	8137	8454	7149	20244
rejected events	184873	194249	183673	182539	187358	147344		3%	3%	3%	3%	3%	7%
rejected %	81%	80%	81%	79%	79%	51%	grade 1 events	97	76	92	84	84	144
								0%	0%	0%	0%	0%	0%
							grade 2 events	38620	41518	39116	41575	43969	42527
								16%	17%	17%	18%	18%	14%
							grade 3 events	1983	1827	1792	2011	1869	9021
								0%	0%	0%	0%	0%	3%
							grade 4 events	1890	1767	1832	1887	1789	8740
								0%	0%	0%	0%	0%	3%
							grade 5 events	2428	2644	2454	2789	2938	11064
								1%	1%	1%	1%	1%	3%
							grade 6 events	13831	14428	13596	14246	16042	58222
								6%	5%	6%	6%	6%	20%
							grade 7 events	160641	170640	159203	158780	163085	135407
								70%	70%	70%	69%	68%	47%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	CC33_FAINT	CC33_FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	234.0383502710241
[deg] Pointing Dec	0	-44.98534609285053
[deg] Pointing Roll	0.0	346.6117691299861
[mm] SIM focus pos	-1.429586	-0.7809083437167272
[mm] SIM defocus	0.1037507710433287	0.7524282956875696
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	327883911.315717	327883910.29073
Observation start date	2008-05-22T22:51:51	2008-05-22T22:51:50
[s] Observation end time (MET)	327896926.766351	327896925.74136
Observation end date	2008-05-23T02:28:47	2008-05-23T02:28:45
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)	2012.05.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.35775

A.2 Comments