

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57748 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 17 2012

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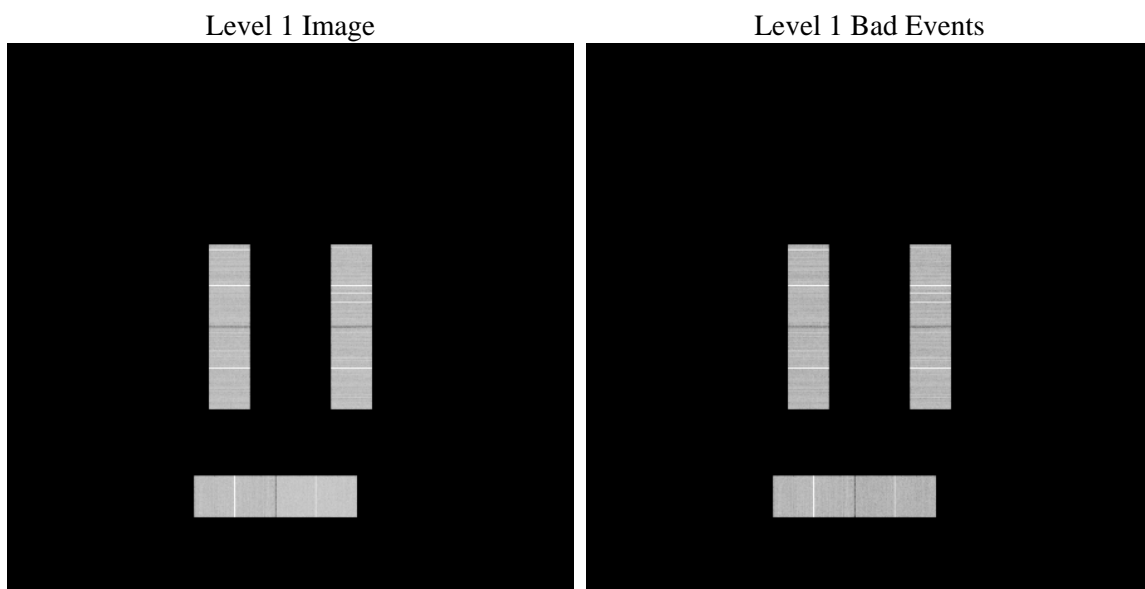
1 Front

seq_num	 	Sequence number
obs_id	57748	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	251.04114418164	Nominal RA [deg]
dec_nom	-42.006781161335	Nominal Dec [deg]
roll_nom	313.75901371124	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8399.25	Sum of GTIs [s]
livetime	8366.4404296875	Livetime [s]
ontime0	5655.3054900765	Sum of GTIs [s]
ontime1	5787.3195636272	Sum of GTIs [s]
ontime2	5585.2648236156	Sum of GTIs [s]
ontime3	5748.6928519011	Sum of GTIs [s]
ontime6	5904.8253452778	Sum of GTIs [s]
ontime7	8399.25	Sum of GTIs [s]
l2events	349522	Number of level 2 events

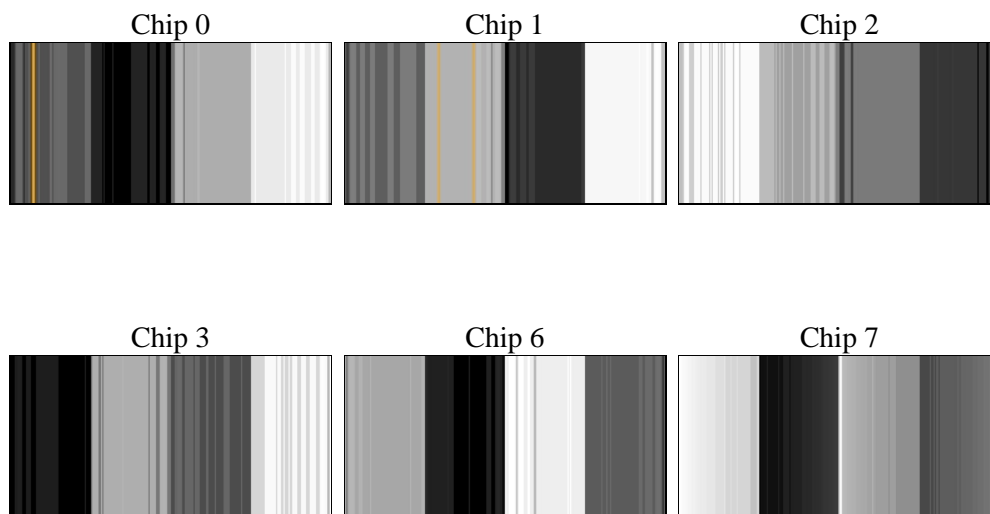
2 OBI

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	8399.25	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	5655.3054900765	Sum of GTIs [s]
date	2012-05-17T02:29:46	Date and time of file creation	ontime1	5787.3195636272	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5585.2648236156	Sum of GTIs [s]
			ontime3	5748.6928519011	Sum of GTIs [s]
			ontime6	5904.8253452778	Sum of GTIs [s]
			ontime7	8399.25	Sum of GTIs [s]
			l1events	1446777	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	233942	239175	225191	231433	236839	280197	grade 0 events	8209	7487	7908	8199	6881	20748
rejected events	189779	192503	182194	184352	186443	143326		3%	3%	3%	3%	2%	7%
rejected %	81%	80%	80%	79%	78%	51%	grade 1 events	85	68	65	105	81	163
								0%	0%	0%	0%	0%	0%
							grade 2 events	39075	40813	38967	41045	43990	40994
								16%	17%	17%	17%	18%	14%
							grade 3 events	1959	1699	1735	2013	1832	9166
								0%	0%	0%	0%	0%	3%
							grade 4 events	1853	1693	1826	1952	1809	9249
								0%	0%	0%	0%	0%	3%
							grade 5 events	2678	2705	2534	2829	2958	11020
								1%	1%	1%	1%	1%	3%
							grade 6 events	13821	14473	13407	14056	16072	56787
								5%	6%	5%	6%	6%	20%
							grade 7 events	166262	170237	158749	161234	163216	132070
								71%	71%	70%	69%	68%	47%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	251.0411441816353	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-42.00678116133541	[s] Primary exposure time	0	0
[deg] Pointing Roll	0.0	313.7590137112417			
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	330400253.638656	330400252.61366			
Observation start date	2008-06-21T01:50:54	2008-06-21T01:50:52			
[s] Observation end time (MET)	330412051.389233	330412050.36423			
Observation end date	2008-06-21T05:07:31	2008-06-21T05:07:30			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.39925

A.2 Comments