

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58007 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 8 2012

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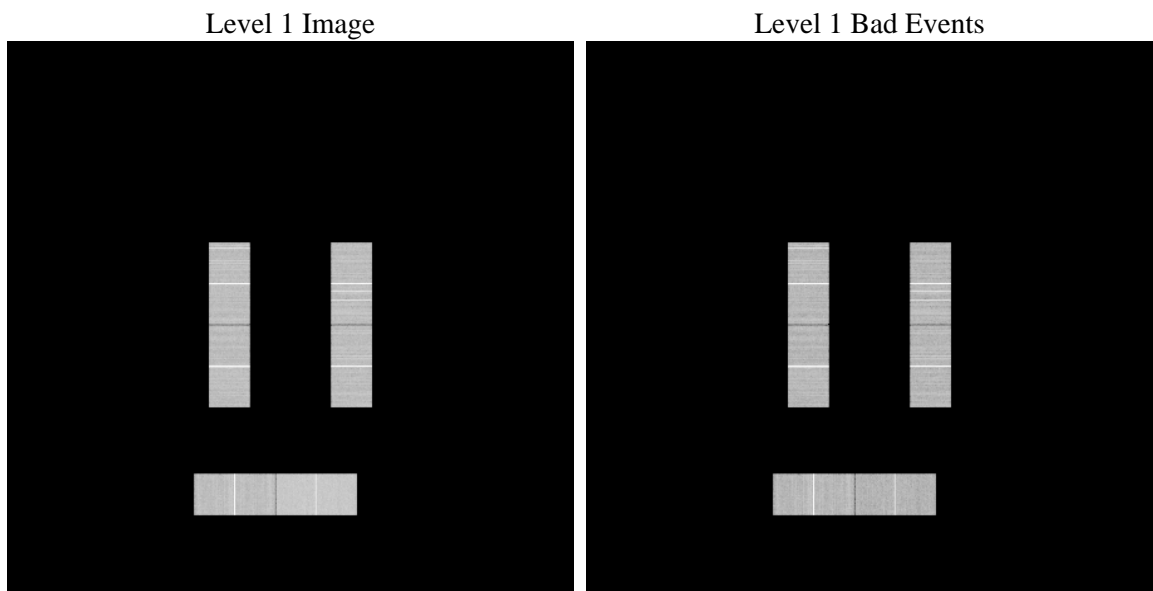
1 Front

seq_num	 	Sequence number
obs_id	58007	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	114.02896967625	Nominal RA [deg]
dec_nom	-4.9901138871662	Nominal Dec [deg]
roll_nom	346.3729935686	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6708.0	Sum of GTIs [s]
livetime	6681.796875	Livetime [s]
ontime0	4250.0726362467	Sum of GTIs [s]
ontime1	4379.9401418567	Sum of GTIs [s]
ontime2	4238.399056077	Sum of GTIs [s]
ontime3	4404.7458730936	Sum of GTIs [s]
ontime6	4479.1645403504	Sum of GTIs [s]
ontime7	6708.0	Sum of GTIs [s]
l2events	285627	Number of level 2 events

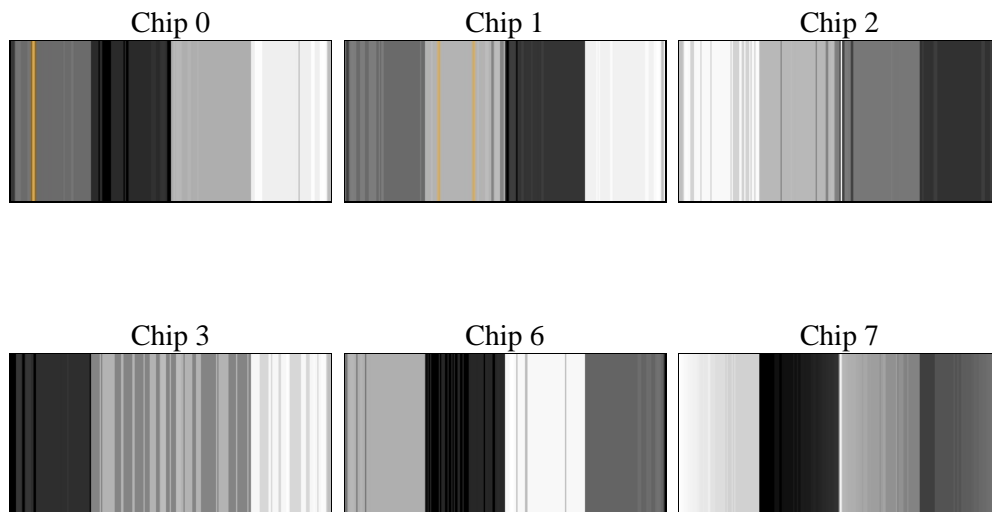
2 OBI

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	6708.0	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	4250.0726362467	Sum of GTIs [s]
date	2012-05-08T05:06:29	Date and time of file creation	ontime1	4379.9401418567	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4238.399056077	Sum of GTIs [s]
			ontime3	4404.7458730936	Sum of GTIs [s]
			ontime6	4479.1645403504	Sum of GTIs [s]
			ontime7	6708.0	Sum of GTIs [s]
			l1events	1162502	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	185865	190881	180886	182150	188065	234655	grade 0 events	6938	6192	6354	6821	5484	18550
rejected events	151706	154008	146435	144508	149069	116101		3%	3%	3%	3%	2%	7%
rejected %	81%	80%	80%	79%	79%	49%	grade 1 events	62	59	71	64	43	154
								0%	0%	0%	0%	0%	0%
							grade 2 events	32099	33807	32672	34326	36489	35352
								17%	17%	18%	18%	19%	15%
							grade 3 events	1600	1385	1417	1681	1423	8133
								0%	0%	0%	0%	0%	3%
							grade 4 events	1499	1372	1548	1567	1348	8240
								0%	0%	0%	0%	0%	3%
							grade 5 events	2029	2078	1846	2157	2170	9116
								1%	1%	1%	1%	1%	3%
							grade 6 events	11166	12193	10867	11884	12935	48367
								6%	6%	6%	6%	6%	20%
							grade 7 events	130472	133795	126111	123650	128173	106743
								70%	70%	69%	67%	68%	45%

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	114.028969676248	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-4.99011388716624	[s] Primary exposure time	0	0
[deg] Pointing Roll	0.0	346.3729935686044			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	317099129.341243	317099128.31625			
Observation start date	2008-01-19T03:05:29	2008-01-19T03:05:28			
[s] Observation end time (MET)	317125240.192507	317125239.16752			
Observation end date	2008-01-19T10:20:40	2008-01-19T10:20:39			
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)	2012.05.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.708

A.2 Comments