

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54385 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 25 2012

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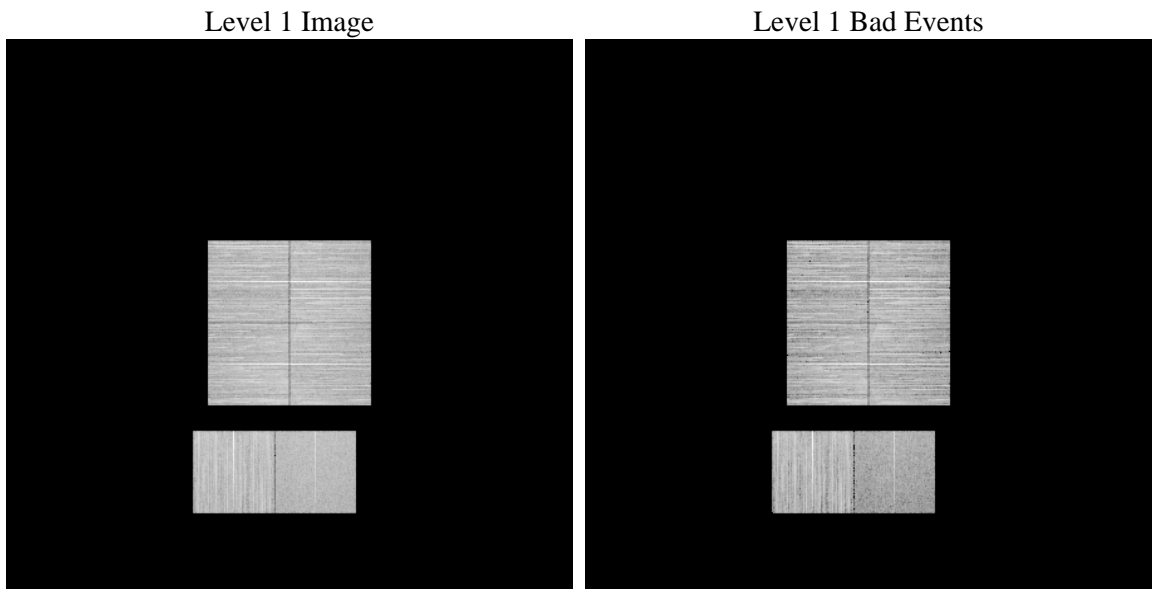
1 Front

seq_num	 	Sequence number
obs_id	54385	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	328.97873081137	Nominal RA [deg]
dec_nom	13.0802057584	Nominal Dec [deg]
roll_nom	190.87392894423	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8291.1999691725	Sum of GTIs [s]
livetime	8186.2118028016	Livetime [s]
ontime0	8291.1999691725	Sum of GTIs [s]
ontime1	8291.1999691725	Sum of GTIs [s]
ontime2	8291.1999691725	Sum of GTIs [s]
ontime3	8291.1999691725	Sum of GTIs [s]
ontime6	8291.1999691725	Sum of GTIs [s]
ontime7	8291.1999691725	Sum of GTIs [s]
l2events	272376	Number of level 2 events

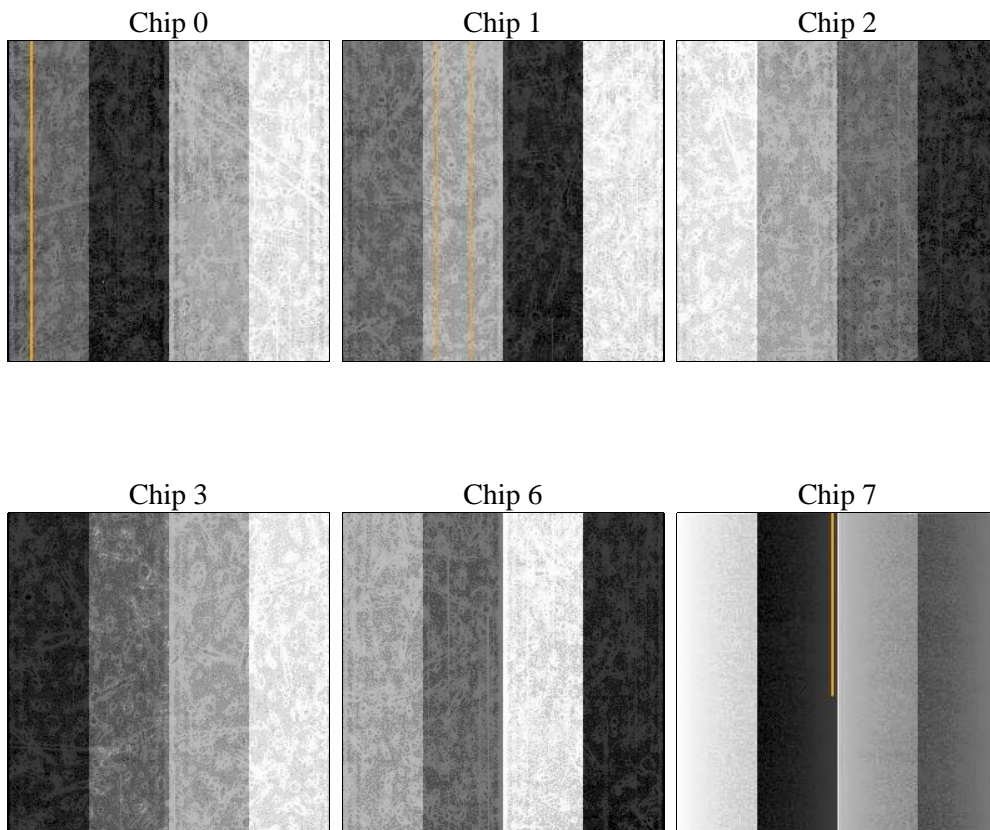
2 OBI

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	8291.1999691725	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime0	8291.1999691725	Sum of GTIs [s]
date	2012-08-25T04:18:37	Date and time of file creation	ontime1	8291.1999691725	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8291.1999691725	Sum of GTIs [s]
			ontime3	8291.1999691725	Sum of GTIs [s]
			ontime6	8291.1999691725	Sum of GTIs [s]
			ontime7	8291.1999691725	Sum of GTIs [s]
			l1events	982718	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	162512	177032	168960	161281	173708	139225	grade 0 events	21990	21412	22549	22687	22659	11157
rejected events	119721	133323	125700	118064	128304	69469		13%	12%	13%	14%	13%	8%
rejected %	73%	75%	74%	73%	73%	49%	grade 1 events	124	96	142	133	105	102
								0%	0%	0%	0%	0%	0%
							grade 2 events	8277	9156	8216	8021	8963	17072
								5%	5%	4%	4%	5%	12%
							grade 3 events	2744	2840	2921	2900	2893	5897
								1%	1%	1%	1%	1%	4%
							grade 4 events	2746	2860	2907	2850	2825	5863
								1%	1%	1%	1%	1%	4%
							grade 5 events	2860	3066	2954	3241	3150	7812
								1%	1%	1%	2%	1%	5%
							grade 6 events	7034	7441	6667	6759	8064	29767
								4%	4%	3%	4%	4%	21%
							grade 7 events	116737	130161	122604	114690	125049	61555
								71%	73%	72%	71%	71%	44%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	328.9787308113708	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	13.08020575839965	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	190.8739289442326	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	462193817.077635	462193816.05263			
Observation start date	2012-08-24T11:10:17	2012-08-24T11:10:16			
[s] Observation end time (MET)	462212373.678627	462212372.65363			
Observation end date	2012-08-24T16:19:34	2012-08-24T16:19:32			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.08.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2911999691725

A.2 Comments