

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59163 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Mar 23 2012

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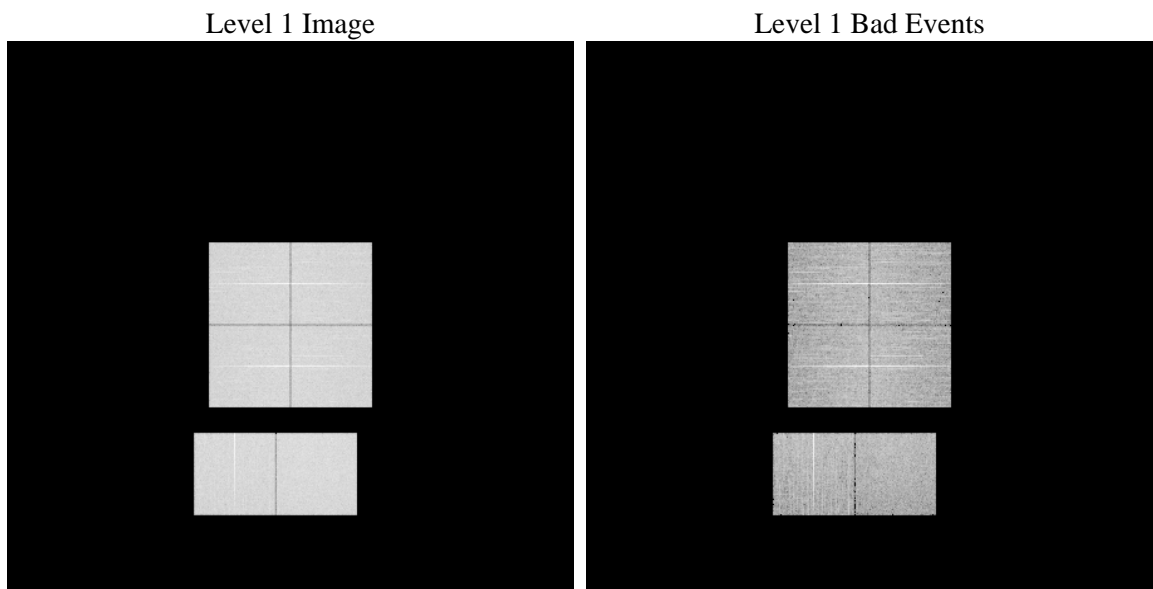
1 Front

seq_num	 	Sequence number
obs_id	59163	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	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	134.45723232584	Nominal RA [deg]
dec_nom	46.496530979606	Nominal Dec [deg]
roll_nom	153.95598721884	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8278.3999691606	Sum of GTIs [s]
livetime	8173.573884097	Livetime [s]
ontime0	8278.3999691606	Sum of GTIs [s]
ontime1	8278.3999691606	Sum of GTIs [s]
ontime2	8278.3999691606	Sum of GTIs [s]
ontime3	8278.3999691606	Sum of GTIs [s]
ontime6	8278.3999691606	Sum of GTIs [s]
ontime7	8278.3999691606	Sum of GTIs [s]
l2events	1000303	Number of level 2 events

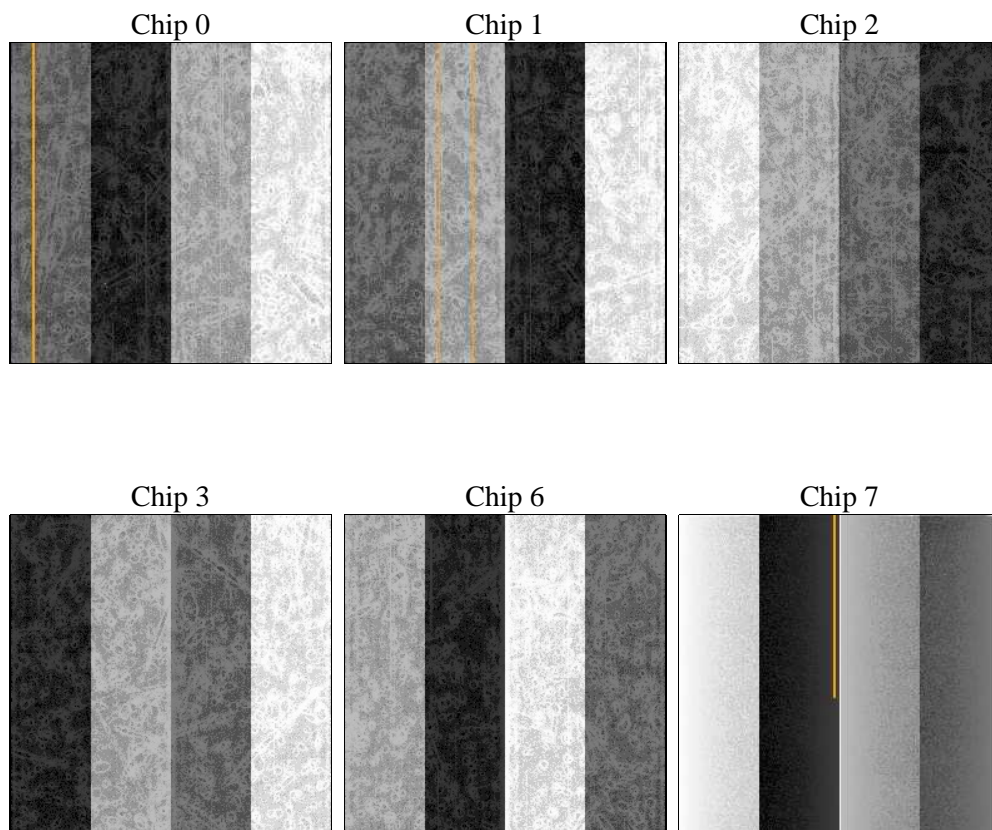
2 OBI

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	8.4.3	Processing system revision	ontime	8278.3999691606	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8278.3999691606	Sum of GTIs [s]
date	2012-03-23T17:02:43	Date and time of file creation	ontime1	8278.3999691606	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	8278.3999691606	Sum of GTIs [s]
			ontime3	8278.3999691606	Sum of GTIs [s]
			ontime6	8278.3999691606	Sum of GTIs [s]
			ontime7	8278.3999691606	Sum of GTIs [s]
			l1events	1426734	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	231153	230044	234306	235555	241719	253957	grade 0 events	91814	92258	95074	94931	95096	45314
rejected events	63101	60889	63755	65117	65087	55895		39%	40%	40%	40%	39%	17%
rejected %	27%	26%	27%	27%	26%	22%	grade 1 events	584	509	614	584	530	173
								0%	0%	0%	0%	0%	0%
							grade 2 events	29337	30158	29021	29150	30513	43403
								12%	13%	12%	12%	12%	17%
							grade 3 events	11066	10992	11111	11239	11164	19590
								4%	4%	4%	4%	4%	7%
							grade 4 events	10929	10779	11074	11484	11418	19415
								4%	4%	4%	4%	4%	7%
							grade 5 events	3590	3794	3463	3906	3943	9772
								1%	1%	1%	1%	1%	3%
							grade 6 events	24986	25033	24334	23703	28513	70408
								10%	10%	10%	10%	11%	27%
							grade 7 events	58847	56521	59615	60558	60542	45882
								25%	24%	25%	25%	25%	18%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	134.4572323258432	Alternating exposures requested	N	N
[deg] Pointing Dec	0	46.49653097960603	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	153.9559872188449			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	254083461.903642	254083459.87865			
Observation start date	2006-01-19T18:44:22	2006-01-19T18:44:19			
[s] Observation end time (MET)	254105792.554677	254105790.52968			
Observation end date	2006-01-20T00:56:33	2006-01-20T00:56:30			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.03.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2783999691606

A.2 Comments