

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59645 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 23 2012

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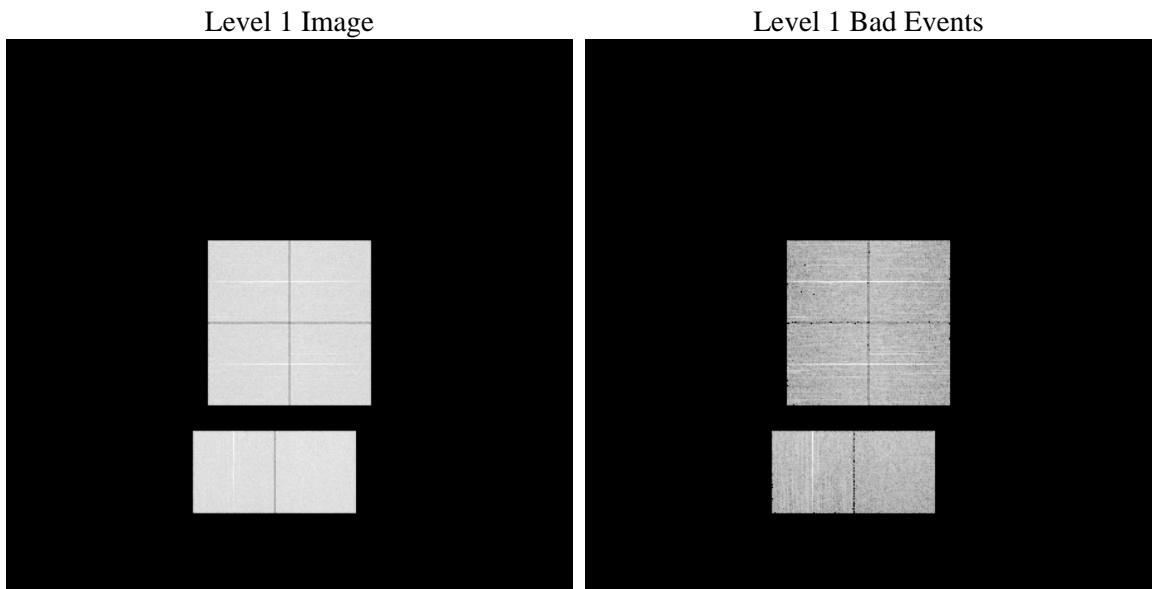
1 Front

seq_num	 	Sequence number
obs_id	59645	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	262.47181211277	Nominal RA [deg]
dec_nom	-2.4949740612416	Nominal Dec [deg]
roll_nom	137.03832225281	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8280.774007231	Sum of GTIs [s]
livetime	8175.9178606679	Livetime [s]
ontime0	7697.3981536031	Sum of GTIs [s]
ontime1	7811.3138463199	Sum of GTIs [s]
ontime2	7519.5849891305	Sum of GTIs [s]
ontime3	7632.5786481202	Sum of GTIs [s]
ontime6	8093.1966823041	Sum of GTIs [s]
ontime7	8280.774007231	Sum of GTIs [s]
l2events	1102338	Number of level 2 events

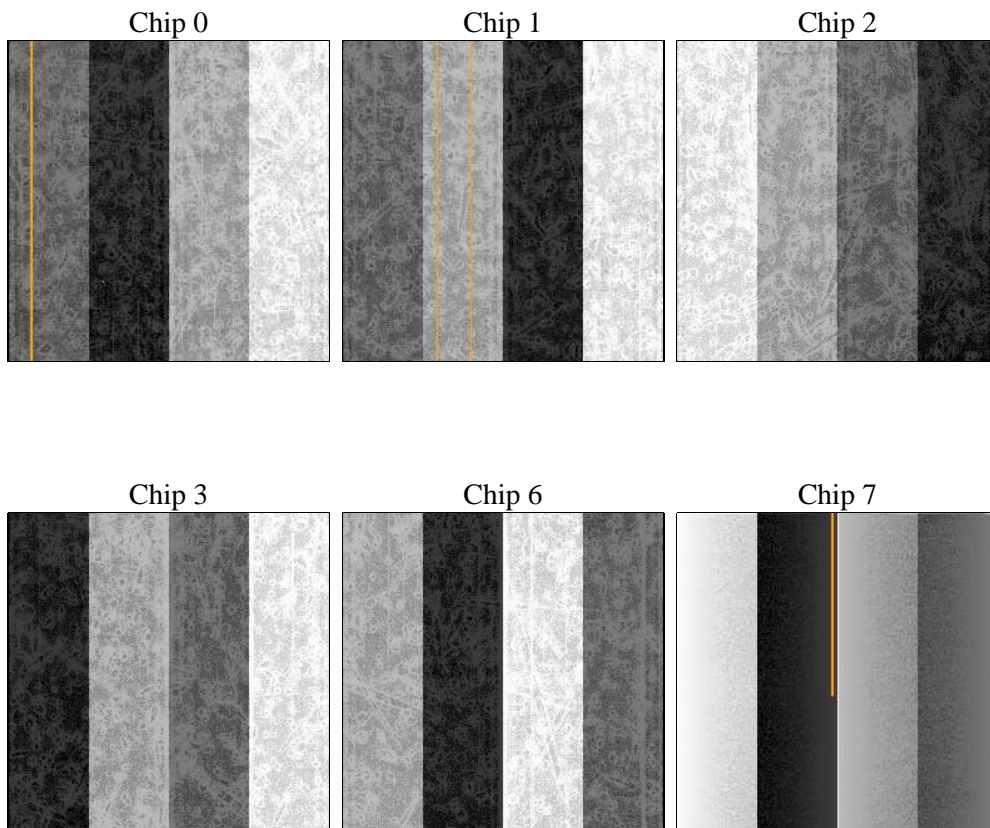
2 OBI

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	8.5.1.1	Processing system revision	ontime	8280.774007231	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	7697.3981536031	Sum of GTIs [s]
date	2012-12-23T22:49:59	Date and time of file creation	ontime1	7811.3138463199	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7519.5849891305	Sum of GTIs [s]
			ontime3	7632.5786481202	Sum of GTIs [s]
			ontime6	8093.1966823041	Sum of GTIs [s]
			ontime7	8280.774007231	Sum of GTIs [s]
			l1events	1489289	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	236803	240429	233945	240433	262439	275240	grade 0 events	100499	101327	101016	103063	109001	52837
rejected events	53463	54397	53914	56117	60683	51850		42%	42%	43%	42%	41%	19%
rejected %	22%	22%	23%	23%	23%	18%	grade 1 events	608	521	617	696	570	195
								0%	0%	0%	0%	0%	0%
							grade 2 events	32163	33242	30198	31493	35090	49001
								13%	13%	12%	13%	13%	17%
							grade 3 events	12100	11901	11828	12221	12865	22189
								5%	4%	5%	5%	4%	8%
							grade 4 events	11665	12002	11743	12060	12557	22134
								4%	4%	5%	5%	4%	8%
							grade 5 events	3314	3491	3177	3653	3837	9047
								1%	1%	1%	1%	1%	3%
							grade 6 events	26913	27630	25327	25479	32316	77229
								11%	11%	10%	10%	12%	28%
							grade 7 events	49541	50315	50039	51768	56203	42608
								20%	20%	21%	21%	21%	15%

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	262.4718121127674	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-2.494974061241595	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	137.0383222528087			
[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)	233517761.557984	233517760.53295			
Observation start date	2005-05-26T18:02:42	2005-05-26T18:02:40			
[s] Observation end time (MET)	233540432.50902	233540431.48398			
Observation end date	2005-05-27T00:20:33	2005-05-27T00:20:31			
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)	2013.01.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.280774007231

A.2 Comments