

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59106 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 26 2012

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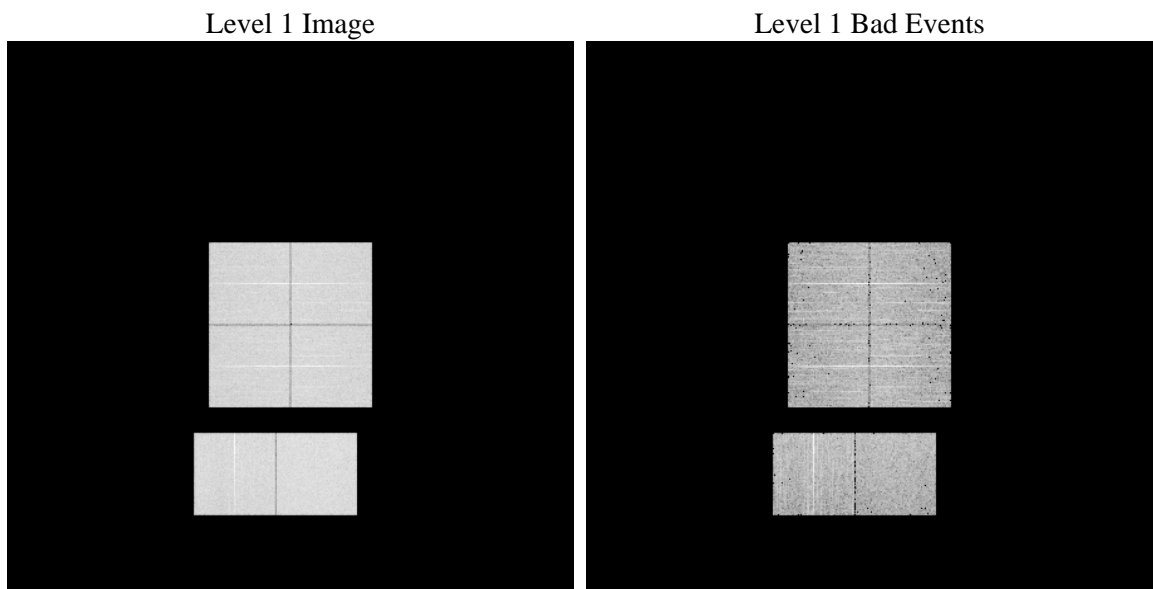
1 Front

seq_num	 	Sequence number
obs_id	59106	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	161.97936340145	Nominal RA [deg]
dec_nom	32.992475195765	Nominal Dec [deg]
roll_nom	164.53253994538	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4846.940104872	Sum of GTIs [s]
livetime	4785.5652307872	Livetime [s]
ontime0	4176.018682152	Sum of GTIs [s]
ontime1	4367.1946209371	Sum of GTIs [s]
ontime2	4146.7680291831	Sum of GTIs [s]
ontime3	4273.3299410641	Sum of GTIs [s]
ontime6	4428.6910859942	Sum of GTIs [s]
ontime7	4846.940104872	Sum of GTIs [s]
l2events	628890	Number of level 2 events

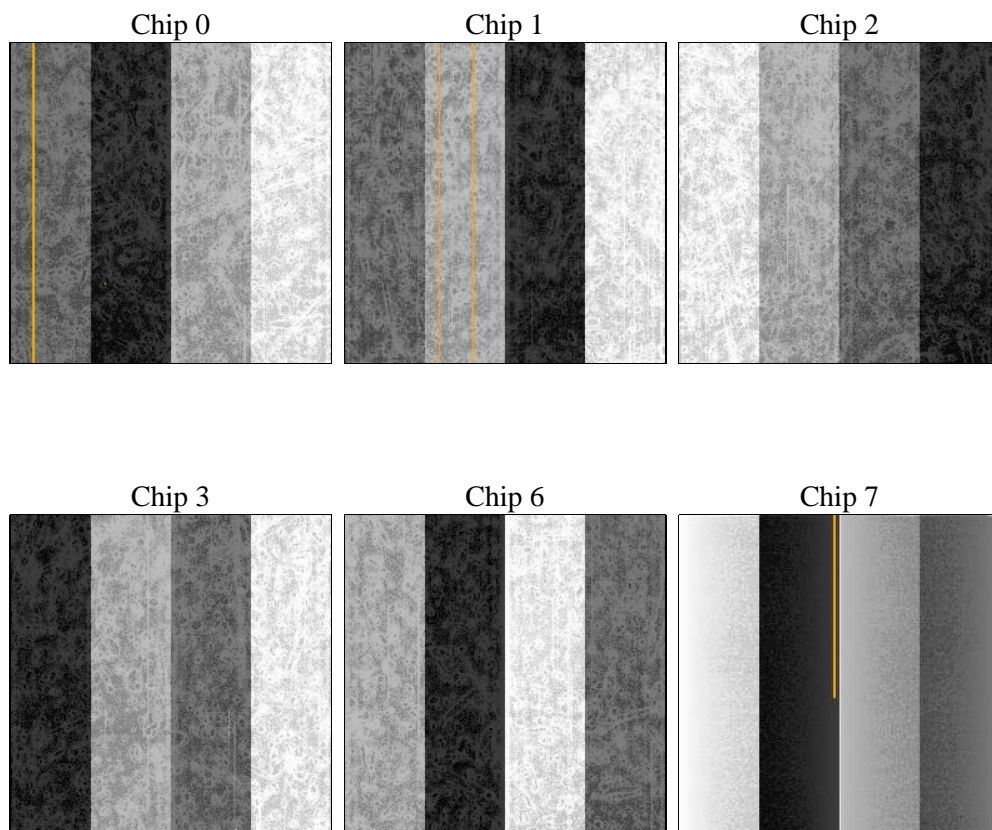
2 OBI

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	4846.940104872	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	4176.018682152	Sum of GTIs [s]
date	2012-03-26T07:00:24	Date and time of file creation	ontime1	4367.1946209371	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4146.7680291831	Sum of GTIs [s]
			ontime3	4273.3299410641	Sum of GTIs [s]
			ontime6	4428.6910859942	Sum of GTIs [s]
			ontime7	4846.940104872	Sum of GTIs [s]
			l1events	884990	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	137579	142605	136858	144902	154005	169041	grade 0 events	54327	56598	55540	57927	59127	32133
rejected events	36908	35789	36391	39229	41236	34543		39%	39%	40%	39%	38%	19%
rejected %	26%	25%	26%	27%	26%	20%	grade 1 events	393	311	412	420	360	131
								0%	0%	0%	0%	0%	0%
							grade 2 events	17472	19239	16654	17808	19424	29170
								12%	13%	12%	12%	12%	17%
							grade 3 events	6378	6705	6596	6818	6844	12658
								4%	4%	4%	4%	4%	7%
							grade 4 events	6485	6703	6475	6886	6919	12557
								4%	4%	4%	4%	4%	7%
							grade 5 events	2010	2174	1906	2267	2340	5851
								1%	1%	1%	1%	1%	3%
							grade 6 events	16101	17660	15296	16234	20541	47980
								11%	12%	11%	11%	13%	28%
							grade 7 events	34413	33215	33979	36542	38450	28561
								25%	23%	24%	25%	24%	16%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	161.9793634014513
[deg] Pointing Dec	0	32.99247519576531
[deg] Pointing Roll	0.0	164.5325399453778
[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)	257012078.739608	257012077.71456
Observation start date	2006-02-22T16:14:39	2006-02-22T16:14:37
[s] Observation end time (MET)	257028396.740368	257028395.71532
Observation end date	2006-02-22T20:46:37	2006-02-22T20:46:35
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.846940104872

A.2 Comments