

V&V Reference Report

L2 ASCDS Version : 10.2.1

Observation 52974 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 23 2014

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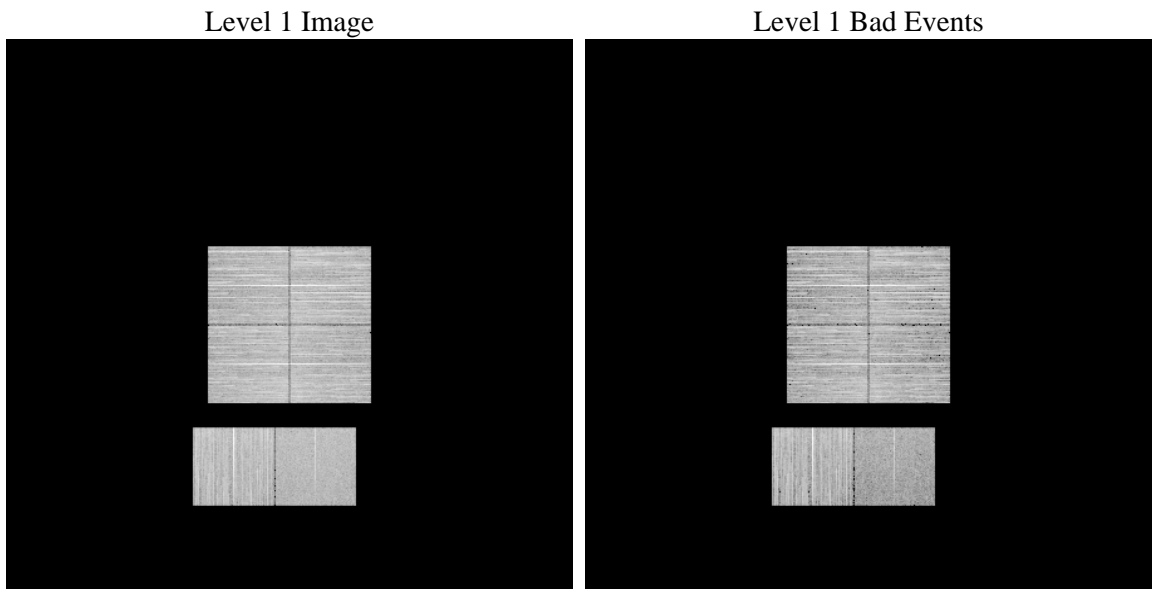
1 Front

seq_num	 	Sequence number
obs_id	52974	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	270.4435769162	Nominal RA [deg]
dec_nom	-11.873828512734	Nominal Dec [deg]
roll_nom	84.8160836396	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8031.5932539701	Sum of GTIs [s]
livetime	7929.8923841435	Livetime [s]
ontime0	8031.5522139668	Sum of GTIs [s]
ontime1	8031.5111739635	Sum of GTIs [s]
ontime2	8031.4701339602	Sum of GTIs [s]
ontime3	8031.6342939734	Sum of GTIs [s]
ontime6	8031.4290939569	Sum of GTIs [s]
ontime7	8031.5932539701	Sum of GTIs [s]
l2events	185150	Number of level 2 events

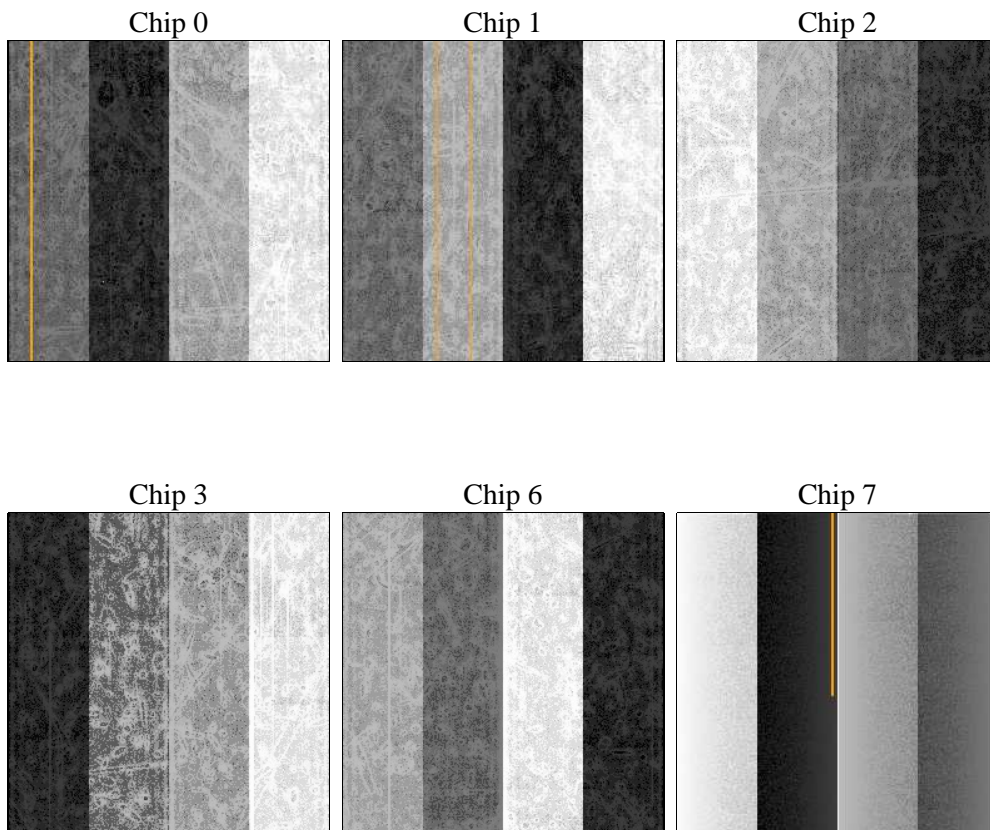
2 OBI

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	10.2.1	Processing system revision	ontime	8031.5932539701	Sum of GTIs [s]
caldbver	4.6.0	 	ontime0	8031.5522139668	Sum of GTIs [s]
date	2014-02-23T19:04:05	Date and time of file creation	ontime1	8031.5111739635	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8031.4701339602	Sum of GTIs [s]
			ontime3	8031.6342939734	Sum of GTIs [s]
			ontime6	8031.4290939569	Sum of GTIs [s]
			ontime7	8031.5932539701	Sum of GTIs [s]
			l1events	769077	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	124006	141311	133757	124697	135360	109946	grade 0 events	14165	13880	15019	14735	13811	7246
rejected events	95338	112096	104794	95797	105738	59213		11%	9%	11%	11%	10%	6%
rejected %	76%	79%	78%	76%	78%	53%	grade 1 events	79	54	79	80	75	81
								0%	0%	0%	0%	0%	0%
							grade 2 events	6098	6756	5710	5698	6665	12671
								4%	4%	4%	4%	4%	11%
							grade 3 events	1934	1848	1901	1987	1921	3995
								1%	1%	1%	1%	1%	3%
							grade 4 events	1844	1909	1888	2076	1842	4029
								1%	1%	1%	1%	1%	3%
							grade 5 events	2487	2516	2342	2737	2603	6436
								2%	1%	1%	2%	1%	5%
							grade 6 events	4800	5009	4603	4548	5545	23080
								3%	3%	3%	3%	4%	20%
							grade 7 events	92599	109339	102215	92836	102898	52408
								74%	77%	76%	74%	76%	47%

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	OVERRIDE	OVERRIDE
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	270.4435769162002	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-11.87382851273371	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	84.81608363959973	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-1.4281808131	-1.4281808131			
[mm] SIM defocus	0.1051557500557434	0.1051557500557434			
SIM translation stage pos (mm)	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	509527103.997268	509527103.997268			
Observation start date	2014-02-23T07:18:24	2014-02-23T07:18:23			
[s] Observation end time (MET)	509538350.598867	509538350.598867			
Observation end date	2014-02-23T10:25:51	2014-02-23T10:25:50			
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)	2014.02.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0315932539701

A.2 Comments