

V&V Reference Report

L2 ASCDS Version : 10.2.1

Observation 52866 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 9 2014

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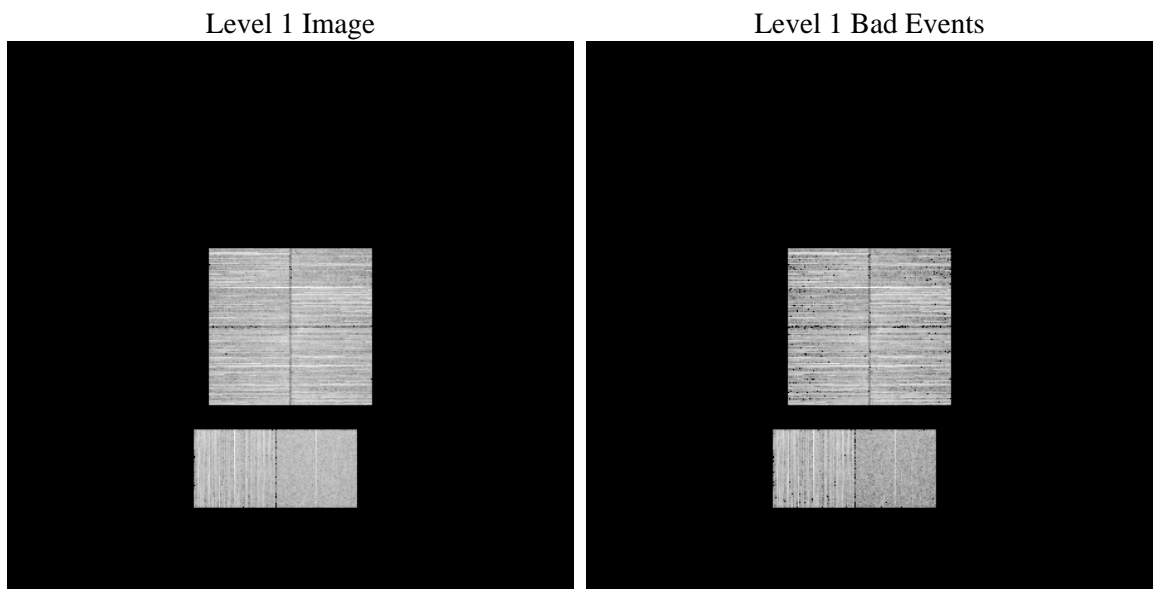
1 Front

seq_num	 	Sequence number
obs_id	52866	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	185.03362356684	Nominal RA [deg]
dec_nom	-31.997255539422	Nominal Dec [deg]
roll_nom	332.44768418574	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5080.2633897066	Sum of GTIs [s]
livetime	5015.9340356988	Livetime [s]
ontime0	5080.2223497033	Sum of GTIs [s]
ontime1	5080.1813097	Sum of GTIs [s]
ontime2	5080.1402696967	Sum of GTIs [s]
ontime3	5080.3044297099	Sum of GTIs [s]
ontime6	5080.0992296934	Sum of GTIs [s]
ontime7	5080.2633897066	Sum of GTIs [s]
l2events	107992	Number of level 2 events

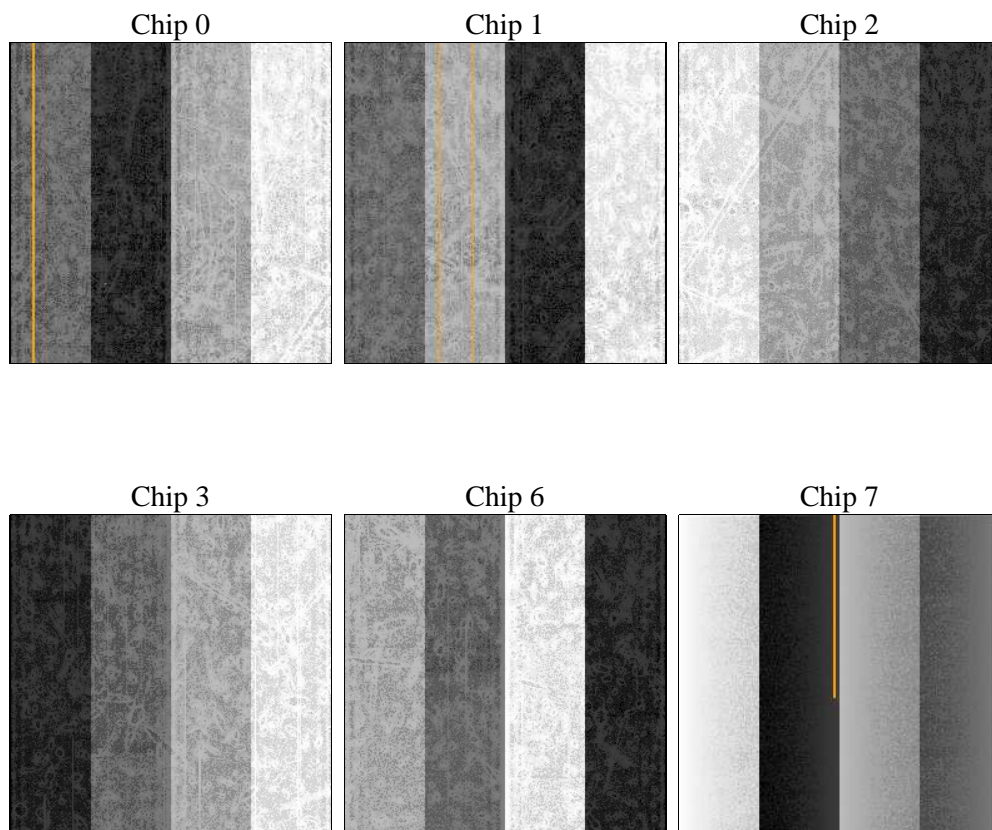
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.2.1	Processing system revision	ontime	5080.2633897066	Sum of GTIs [s]
caldsver	4.6.1	 	ontime0	5080.2223497033	Sum of GTIs [s]
date	2014-04-09T13:52:13	Date and time of file creation	ontime1	5080.1813097	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	5080.1402696967	Sum of GTIs [s]
			ontime3	5080.3044297099	Sum of GTIs [s]
			ontime6	5080.0992296934	Sum of GTIs [s]
			ontime7	5080.2633897066	Sum of GTIs [s]
			l1events	511493	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	82782	86624	88622	90230	89476	73759	grade 0 events	8605	8537	8990	8891	8752	4763
rejected events	66307	70093	72061	73868	72583	41999		10%	9%	10%	9%	9%	6%
rejected %	80%	80%	81%	81%	81%	56%	grade 1 events	50	48	44	48	35	57
								0%	0%	0%	0%	0%	0%
							grade 2 events	3532	3636	3263	3216	3693	8107
								4%	4%	3%	3%	4%	10%
							grade 3 events	1147	1171	1186	1147	1149	2728
								1%	1%	1%	1%	1%	3%
							grade 4 events	1134	1121	1131	1228	1138	2743
								1%	1%	1%	1%	1%	3%
							grade 5 events	1676	1754	1588	1921	1891	4639
								2%	2%	1%	2%	2%	6%
							grade 6 events	2766	2840	2710	2593	2925	14837
								3%	3%	3%	2%	3%	20%
							grade 7 events	63872	67517	69710	71186	69893	35885
								77%	77%	78%	78%	78%	48%

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	185.0336235668419
[deg] Pointing Dec	0	-31.99725553942245
[deg] Pointing Roll	0.0	332.447684185744
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	513381344.059681	513381344.059681
Observation start date	2014-04-08T21:55:44	2014-04-08T21:55:44
[s] Observation end time (MET)	513387532.573782	513387532.573782
Observation end date	2014-04-08T23:38:53	2014-04-08T23:38:52
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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)	2014.04.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0802633897066

A.2 Comments