

V&V Reference Report

L2 ASCDS Version : 10.2.2

Observation 52722 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 6 2014

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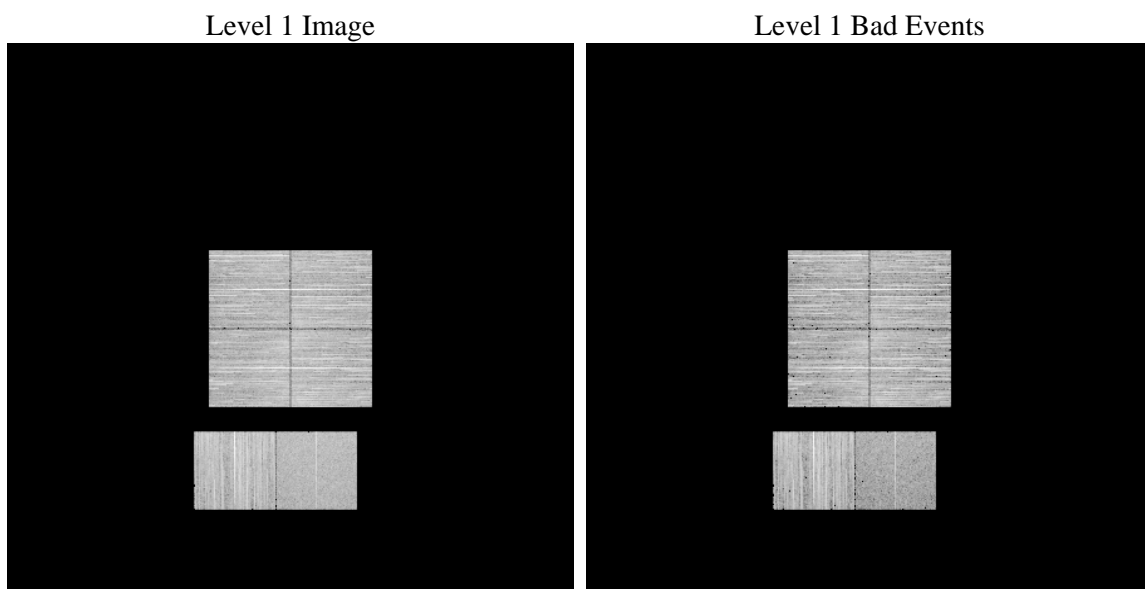
1 Front

seq_num	 	Sequence number
obs_id	52722	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	168.50589389516	Nominal RA [deg]
dec_nom	24.971860511739	Nominal Dec [deg]
roll_nom	247.74468508134	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6326.3999764919	Sum of GTIs [s]
livetime	6246.2912906889	Livetime [s]
ontime0	6326.3999764919	Sum of GTIs [s]
ontime1	6326.3999764919	Sum of GTIs [s]
ontime2	6326.3999764919	Sum of GTIs [s]
ontime3	6326.3999764919	Sum of GTIs [s]
ontime6	6326.3999764919	Sum of GTIs [s]
ontime7	6326.3999764919	Sum of GTIs [s]
l2events	133647	Number of level 2 events

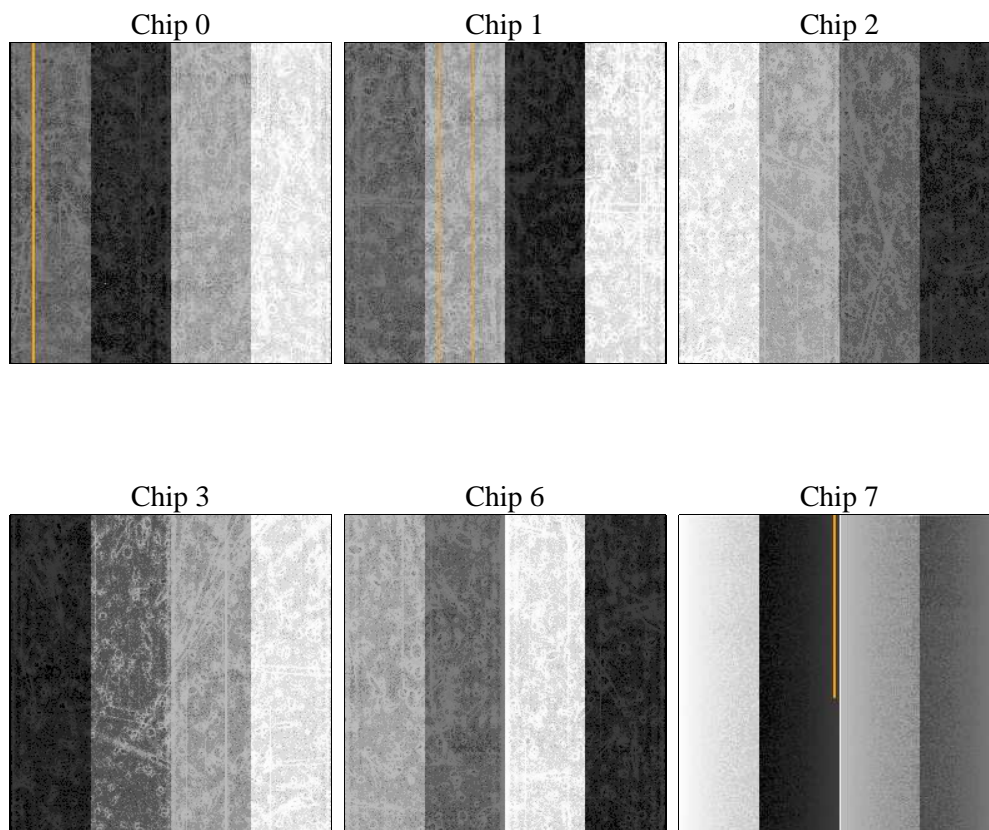
2 OBI

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	10.2.2	Processing system revision	ontime	6326.3999764919	Sum of GTIs [s]
caldsver	4.6.1	 	ontime0	6326.3999764919	Sum of GTIs [s]
date	2014-06-07T00:35:30	Date and time of file creation	ontime1	6326.3999764919	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	6326.3999764919	Sum of GTIs [s]
			ontime3	6326.3999764919	Sum of GTIs [s]
			ontime6	6326.3999764919	Sum of GTIs [s]
			ontime7	6326.3999764919	Sum of GTIs [s]
			l1events	643719	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	105406	110479	104382	114178	117874	91400	grade 0 events	10037	9869	10430	10323	10276	5588
rejected events	85327	90369	84335	93976	96791	51183		9%	8%	9%	9%	8%	6%
rejected %	80%	81%	80%	82%	82%	55%	grade 1 events	74	50	80	69	56	68
								0%	0%	0%	0%	0%	0%
							grade 2 events	4160	4290	3942	3975	4520	9923
								3%	3%	3%	3%	3%	10%
							grade 3 events	1388	1359	1403	1490	1411	3351
								1%	1%	1%	1%	1%	3%
							grade 4 events	1415	1406	1400	1428	1395	3224
								1%	1%	1%	1%	1%	3%
							grade 5 events	2150	2201	2061	2464	2367	5720
								2%	1%	1%	2%	2%	6%
							grade 6 events	3304	3430	3108	3211	3735	18653
								3%	3%	2%	2%	3%	20%
							grade 7 events	82878	87874	81958	91218	94114	44873
								78%	79%	78%	79%	79%	49%

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	168.5058938951593
[deg] Pointing Dec	0	24.97186051173929
[deg] Pointing Roll	0.0	247.7446850813407
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	518437236.78883	518437235.76383
Observation start date	2014-06-06T10:20:37	2014-06-06T10:20:35
[s] Observation end time (MET)	518445861.139306	518445860.11431
Observation end date	2014-06-06T12:44:21	2014-06-06T12:44:20
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2014.06.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.3263999764919

A.2 Comments