

V&V Reference Report

L2 ASCDS Version : 10.2.2

Observation 52742 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 29 2014

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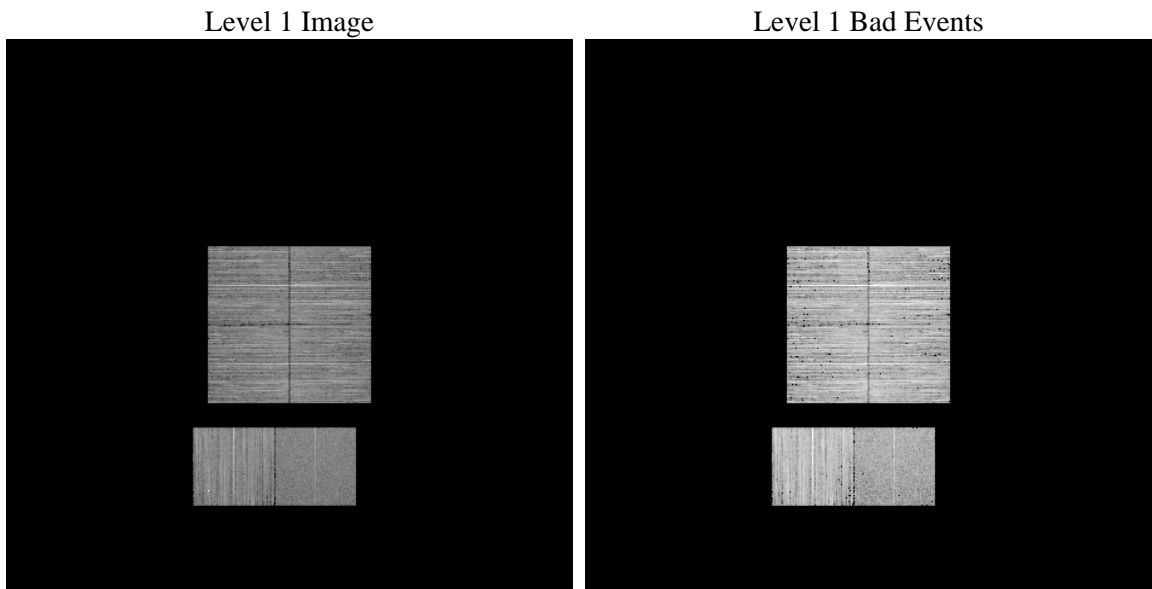
1 Front

seq_num	 	Sequence number
obs_id	52742	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	231.98548356963	Nominal RA [deg]
dec_nom	-1.0296424393665	Nominal Dec [deg]
roll_nom	212.80067816779	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5174.3999807835	Sum of GTIs [s]
livetime	5108.8786125772	Livetime [s]
ontime0	5174.3999807835	Sum of GTIs [s]
ontime1	5174.3999807835	Sum of GTIs [s]
ontime2	5174.3999807835	Sum of GTIs [s]
ontime3	5174.3999807835	Sum of GTIs [s]
ontime6	5174.3999807835	Sum of GTIs [s]
ontime7	5174.3999807835	Sum of GTIs [s]
l2events	107748	Number of level 2 events

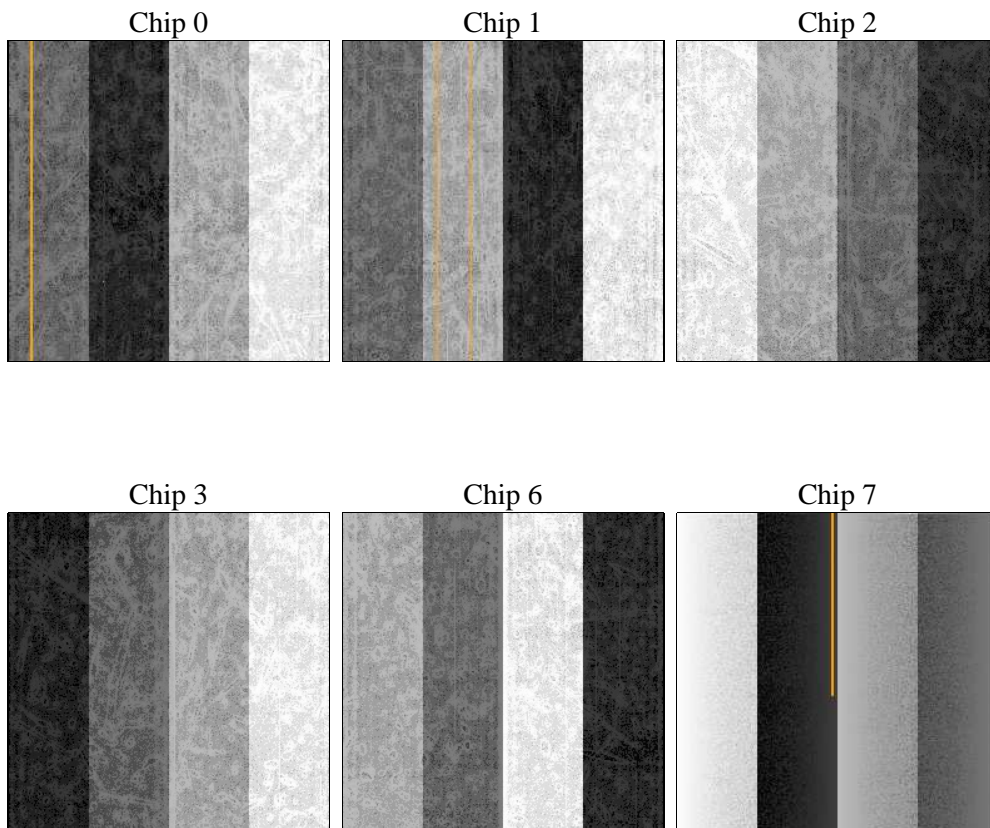
2 OBI

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	5174.3999807835	Sum of GTIs [s]
caldsver	4.6.1	 	ontime0	5174.3999807835	Sum of GTIs [s]
date	2014-05-30T00:16:55	Date and time of file creation	ontime1	5174.3999807835	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	5174.3999807835	Sum of GTIs [s]
			ontime3	5174.3999807835	Sum of GTIs [s]
			ontime6	5174.3999807835	Sum of GTIs [s]
			ontime7	5174.3999807835	Sum of GTIs [s]
			l1events	523857	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	83605	90819	88260	89161	99103	72909	grade 0 events	8158	7721	8532	8666	9861	4200
rejected events	67323	74531	71634	72558	80572	41385		9%	8%	9%	9%	9%	5%
rejected %	80%	82%	81%	81%	81%	56%	grade 1 events	34	32	41	54	52	57
								0%	0%	0%	0%	0%	0%
							grade 2 events	3336	3612	3212	3204	3568	7787
								3%	3%	3%	3%	3%	10%
							grade 3 events	1152	1144	1201	1168	1111	2457
								1%	1%	1%	1%	1%	3%
							grade 4 events	1066	1134	1153	1093	1093	2499
								1%	1%	1%	1%	1%	3%
							grade 5 events	1777	1727	1591	1911	1853	4391
								2%	1%	1%	2%	1%	6%
							grade 6 events	2670	2780	2641	2566	3013	14778
								3%	3%	2%	2%	3%	20%
							grade 7 events	65412	72669	69889	70499	78552	36740
								78%	80%	79%	79%	79%	50%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	231.9854835696292	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-1.029642439366509	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	212.8006781677926	[s] Primary exposure time	3.2	3.2
[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)	517751323.150909	517751322.12591			
Observation start date	2014-05-29T11:48:43	2014-05-29T11:48:42			
[s] Observation end time (MET)	517759119.30134	517759118.27634			
Observation end date	2014-05-29T13:58:39	2014-05-29T13:58:38			
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)	2014.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1743999807835

A.2 Comments