

V&V Reference Report

L2 ASCDS Version : 10.4

Observation 51833 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 14 2015

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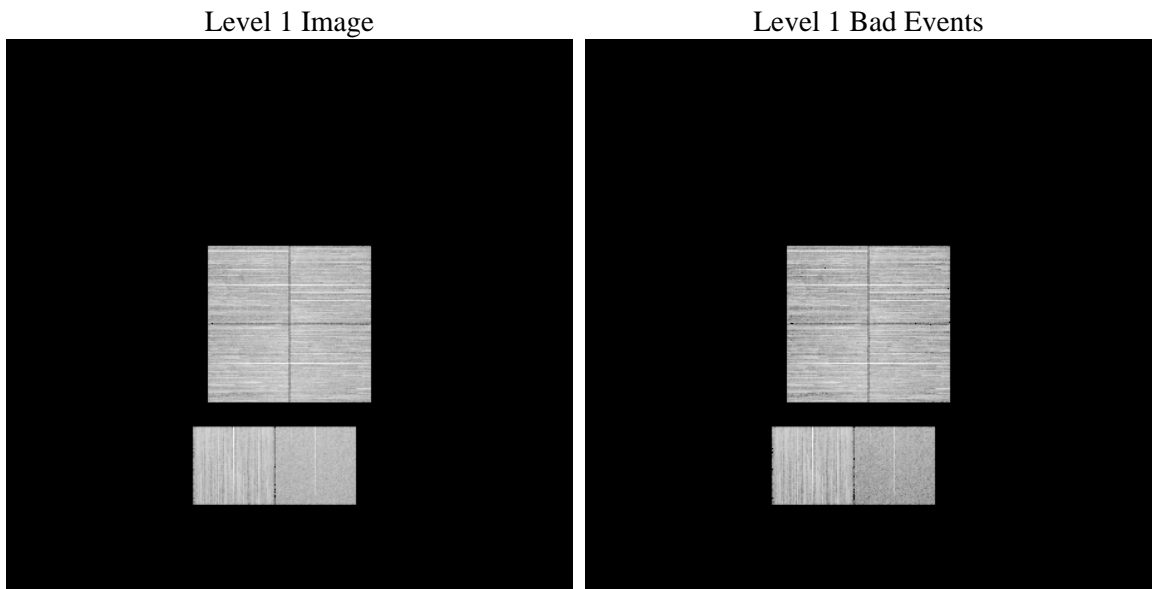
1 Front

seq_num	 	Sequence number
obs_id	51833	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	245.04579974789	Nominal RA [deg]
dec_nom	-50.999113781571	Nominal Dec [deg]
roll_nom	328.94672585615	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8235.2995206118	Sum of GTIs [s]
livetime	8131.0191993797	Livetime [s]
ontime0	8235.2584805489	Sum of GTIs [s]
ontime1	8235.2174406052	Sum of GTIs [s]
ontime2	8235.1764005423	Sum of GTIs [s]
ontime3	8235.3405605555	Sum of GTIs [s]
ontime6	8235.1353605986	Sum of GTIs [s]
ontime7	8235.2995206118	Sum of GTIs [s]
l2events	150479	Number of level 2 events

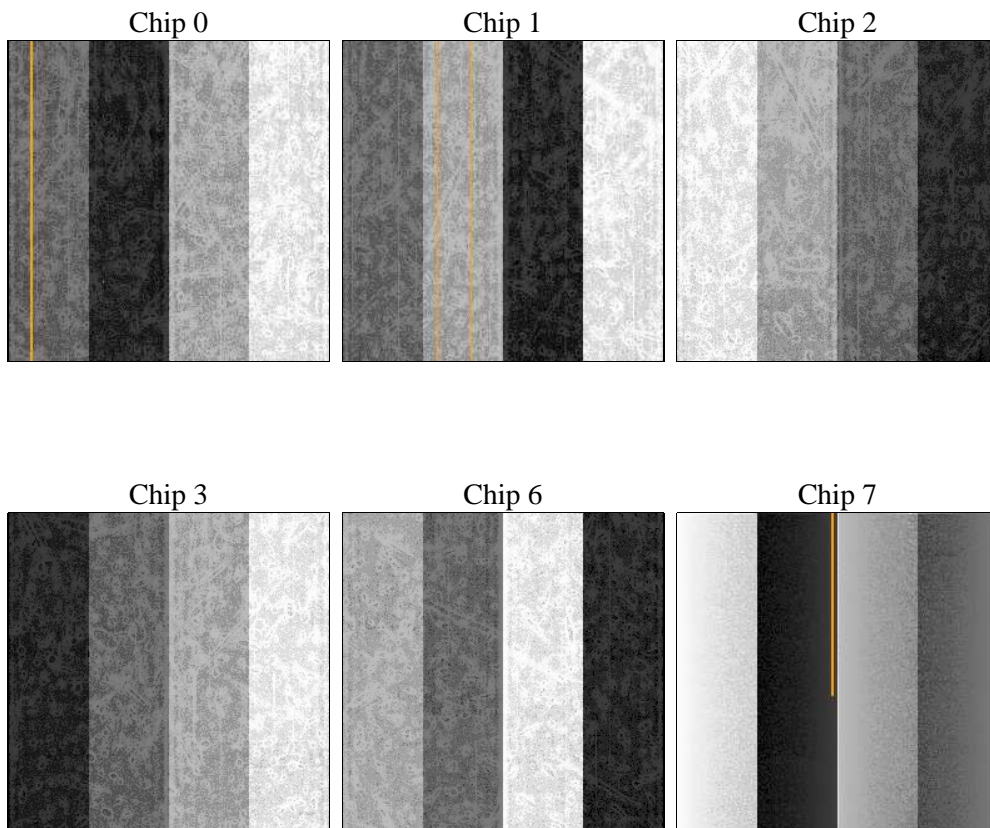
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.4	Processing system revision	ontime	8235.2995206118	Sum of GTIs [s]
caldsver	4.6.7	 	ontime0	8235.2584805489	Sum of GTIs [s]
date	2015-06-14T12:36:06	Date and time of file creation	ontime1	8235.2174406052	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8235.1764005423	Sum of GTIs [s]
			ontime3	8235.3405605555	Sum of GTIs [s]
			ontime6	8235.1353605986	Sum of GTIs [s]
			ontime7	8235.2995206118	Sum of GTIs [s]
			l1events	862130	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	135519	147682	155704	149247	156087	117891	grade 0 events	10965	10256	11256	10939	10810	6078
rejected events	113236	125658	133470	127310	133327	69033		8%	6%	7%	7%	6%	5%
rejected %	83%	85%	85%	85%	85%	58%	grade 1 events	73	46	78	57	58	99
								0%	0%	0%	0%	0%	0%
							grade 2 events	4708	4993	4473	4401	4870	12077
								3%	3%	2%	2%	3%	10%
							grade 3 events	1606	1456	1536	1558	1603	3903
								1%	0%	0%	1%	1%	3%
							grade 4 events	1600	1534	1596	1628	1515	3894
								1%	1%	1%	1%	0%	3%
							grade 5 events	2939	2940	2732	3202	3084	7509
								2%	1%	1%	2%	1%	6%
							grade 6 events	3551	3941	3521	3553	4098	23215
								2%	2%	2%	2%	2%	19%
							grade 7 events	110077	122516	130512	123909	130049	61116
								81%	82%	83%	83%	83%	51%

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	245.045799747893
[deg] Pointing Dec	0	-50.999113781571
[deg] Pointing Roll	0.0	328.9467258561476
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)	550620399.732163	550620399.732163
Observation start date	2015-06-13T22:06:40	2015-06-13T22:06:39
[s] Observation end time (MET)	550629947.688219	550629947.688219
Observation end date	2015-06-14T00:45:48	2015-06-14T00:45:47
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)	2015.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2352995206118

A.2 Comments