

V&V Reference Report

L2 ASCDS Version : 10.3.1

Observation 52245 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Dec 19 2014

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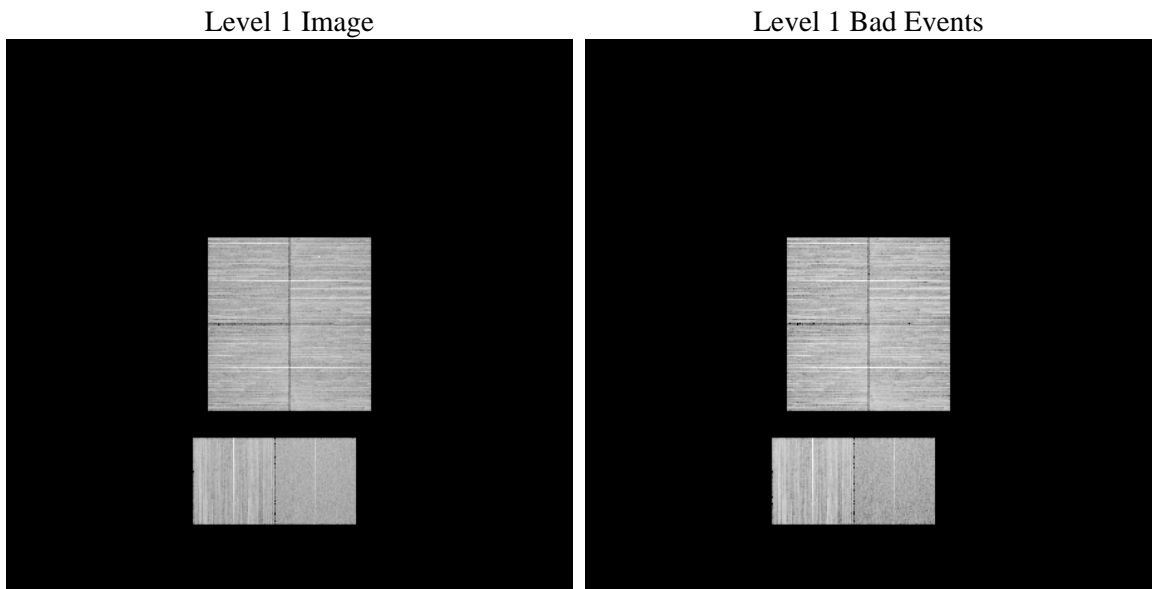
1 Front

seq_num	 	Sequence number
obs_id	52245	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	93.020016602792	Nominal RA [deg]
dec_nom	-3.979270641937	Nominal Dec [deg]
roll_nom	13.284027899519	Nominal Roll [deg]
revision	1	Processing version of data
ontime	7996.7999702692	Sum of GTIs [s]
livetime	7895.5396739508	Livetime [s]
ontime0	7996.7999702692	Sum of GTIs [s]
ontime1	7996.7999702692	Sum of GTIs [s]
ontime2	7996.7999702692	Sum of GTIs [s]
ontime3	7996.7999702692	Sum of GTIs [s]
ontime6	7996.7999702692	Sum of GTIs [s]
ontime7	7996.7999702692	Sum of GTIs [s]
l2events	157752	Number of level 2 events

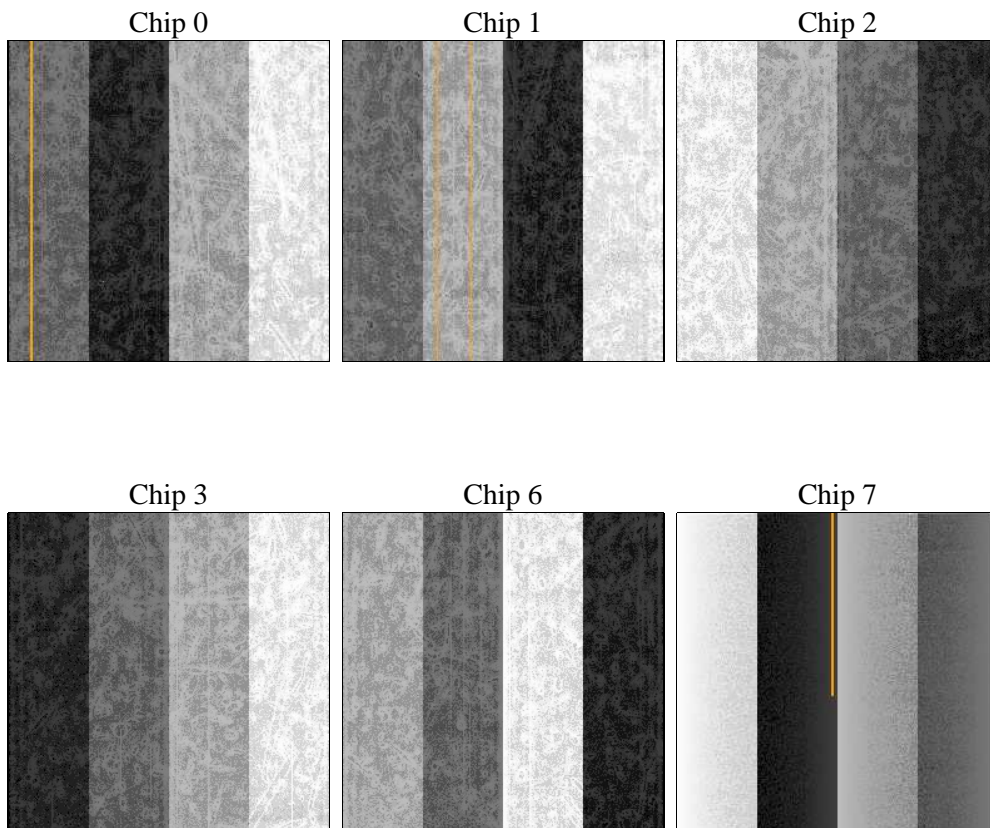
2 OBI

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	10.3.1	Processing system revision	ontime	7996.7999702692	Sum of GTIs [s]
caldsver	4.6.5	 	ontime0	7996.7999702692	Sum of GTIs [s]
date	2014-12-19T14:01:21	Date and time of file creation	ontime1	7996.7999702692	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	7996.7999702692	Sum of GTIs [s]
			ontime3	7996.7999702692	Sum of GTIs [s]
			ontime6	7996.7999702692	Sum of GTIs [s]
			ontime7	7996.7999702692	Sum of GTIs [s]
			l1events	925049	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	155542	163849	156121	162142	162780	124615	grade 0 events	11833	11523	12086	12227	11869	6149
rejected events	132159	139811	132991	138713	138246	75048		7%	7%	7%	7%	7%	4%
rejected %	84%	85%	85%	85%	84%	60%	grade 1 events	77	56	69	105	60	76
								0%	0%	0%	0%	0%	0%
							grade 2 events	5133	5779	4805	4862	5626	12896
								3%	3%	3%	2%	3%	10%
							grade 3 events	1723	1657	1741	1749	1629	3823
								1%	1%	1%	1%	1%	3%
							grade 4 events	1581	1634	1729	1610	1664	3705
								1%	0%	1%	0%	1%	2%
							grade 5 events	2985	2924	2866	3346	3085	7833
								1%	1%	1%	2%	1%	6%
							grade 6 events	3979	4313	3624	3839	4608	24833
								2%	2%	2%	2%	2%	19%
							grade 7 events	128231	135963	129201	134404	134239	65300
								82%	82%	82%	82%	82%	52%

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	93.0200166027922
[deg] Pointing Dec	0	-3.979270641937032
[deg] Pointing Roll	0.0	13.28402789951901
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)	535310759.025527	535310759.025527
Observation start date	2014-12-18T17:25:59	2014-12-18T17:25:59
[s] Observation end time (MET)	535319393.006428	535319393.006428
Observation end date	2014-12-18T19:49:53	2014-12-18T19:49:53
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)	2014.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.9967999702692

A.2 Comments