

V&V Reference Report

L2 ASCDS Version : 10.1.1

Observation 53268 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 1 2013

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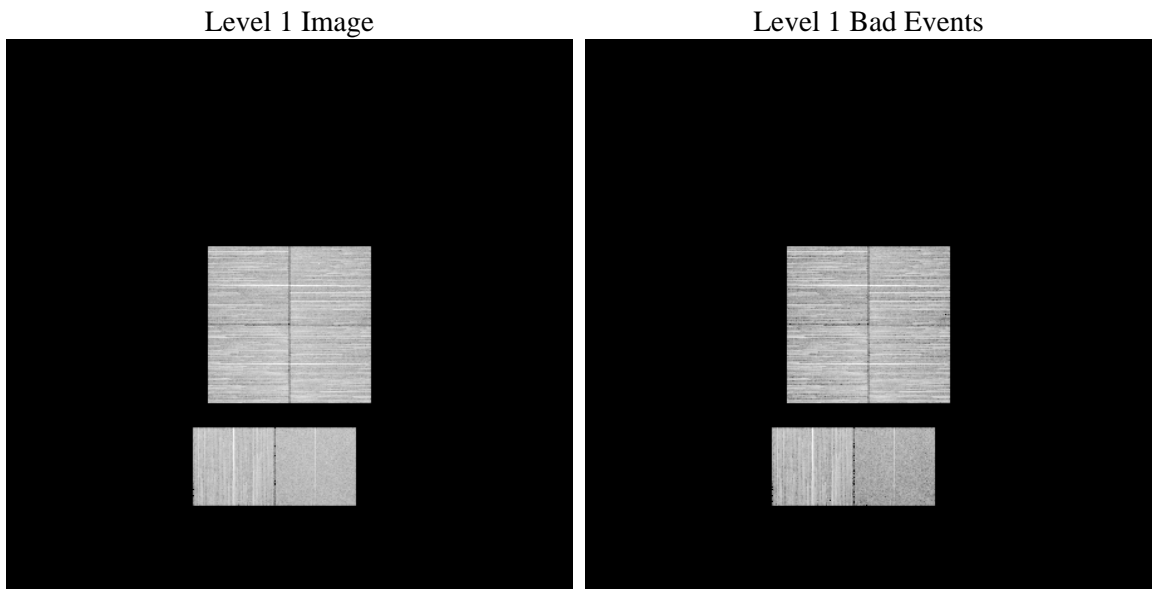
1 Front

seq_num	 	Sequence number
obs_id	53268	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	216.15093373997	Nominal RA [deg]
dec_nom	-26.434702573511	Nominal Dec [deg]
roll_nom	176.01347976371	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8159.9999696612	Sum of GTIs [s]
livetime	8056.6731366833	Livetime [s]
ontime0	8159.9999696612	Sum of GTIs [s]
ontime1	8159.9999696612	Sum of GTIs [s]
ontime2	8159.9999696612	Sum of GTIs [s]
ontime3	8159.9999696612	Sum of GTIs [s]
ontime6	8156.7590093017	Sum of GTIs [s]
ontime7	8159.9999696612	Sum of GTIs [s]
l2events	193038	Number of level 2 events

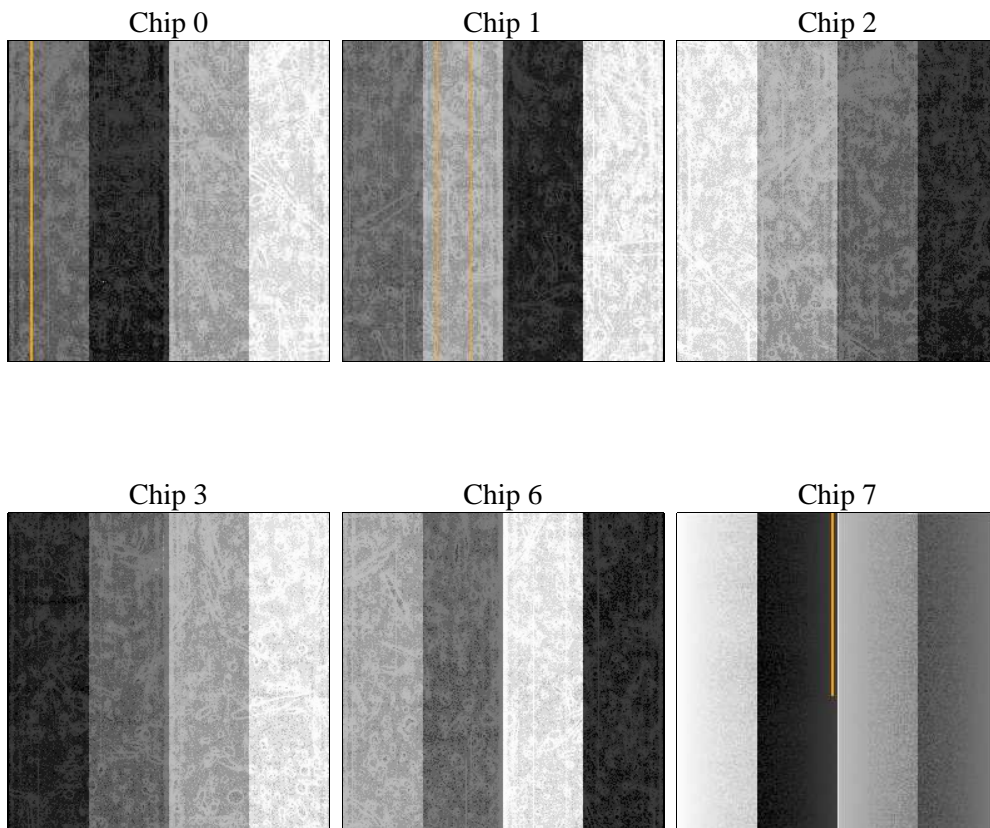
2 OBI

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	10.1.1	Processing system revision	ontime	8159.9999696612	Sum of GTIs [s]
caldsver	4.5.8	 	ontime0	8159.9999696612	Sum of GTIs [s]
date	2013-11-01T17:13:29	Date and time of file creation	ontime1	8159.9999696612	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8159.9999696612	Sum of GTIs [s]
			ontime3	8159.9999696612	Sum of GTIs [s]
			ontime6	8156.7590093017	Sum of GTIs [s]
			ontime7	8159.9999696612	Sum of GTIs [s]
			l1events	867198	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	138304	145017	158267	156752	148005	120853	grade 0 events	15154	15047	15612	15554	15647	7919
rejected events	108986	115182	128572	127049	116819	66110		10%	10%	9%	9%	10%	6%
rejected %	78%	79%	81%	81%	78%	54%	grade 1 events	68	69	93	87	82	97
								0%	0%	0%	0%	0%	0%
							grade 2 events	6022	6426	5704	5798	6361	13543
								4%	4%	3%	3%	4%	11%
							grade 3 events	2036	1954	2166	2074	2129	4532
								1%	1%	1%	1%	1%	3%
							grade 4 events	1979	1958	2045	2201	2098	4665
								1%	1%	1%	1%	1%	3%
							grade 5 events	2758	2921	2570	3169	2983	7373
								1%	2%	1%	2%	2%	6%
							grade 6 events	4600	4931	4656	4586	5498	24981
								3%	3%	2%	2%	3%	20%
							grade 7 events	105687	111711	125421	123283	113207	57743
								76%	77%	79%	78%	76%	47%

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	216.1509337399668
[deg] Pointing Dec	0	-26.43470257351099
[deg] Pointing Roll	0.0	176.013479763714
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)	499667286.105865	499667286.105865
Observation start date	2013-11-01T04:28:06	2013-11-01T04:28:06
[s] Observation end time (MET)	499676832.302168	499676832.302168
Observation end date	2013-11-01T07:07:12	2013-11-01T07:07:12
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)	2013.11.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1599999696612

A.2 Comments