

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 52108 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 4 2015

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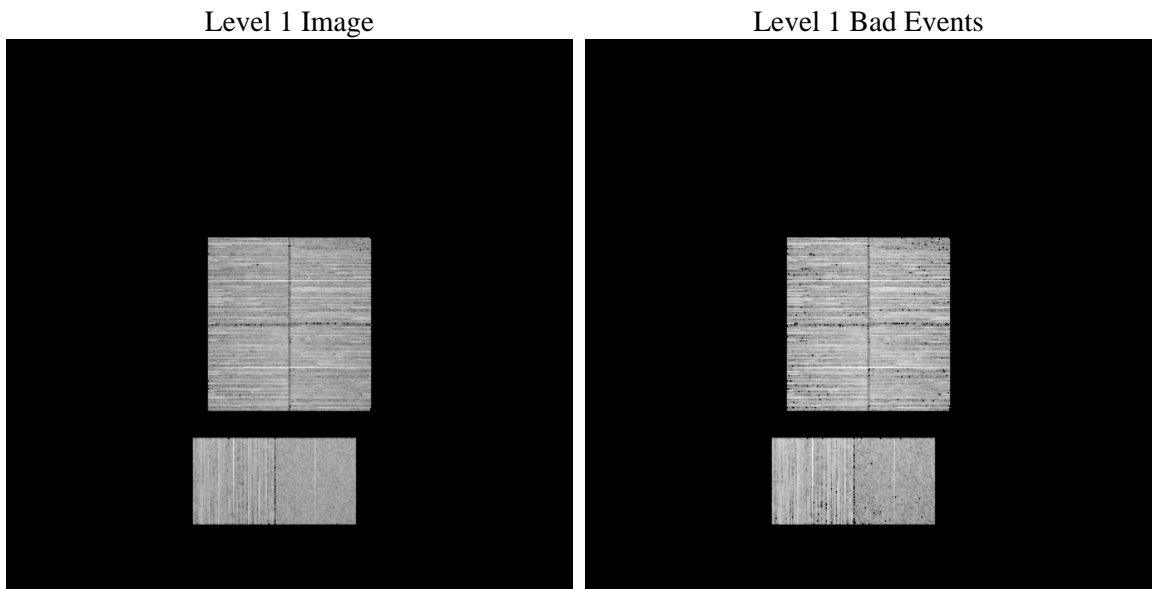
1 Front

seq_num	 	Sequence number
obs_id	52108	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	262.69235338159	Nominal RA [deg]
dec_nom	-1.0715346352055	Nominal Dec [deg]
roll_nom	71.011401723182	Nominal Roll [deg]
revision	1	Processing version of data
ontime	4739.2000706196	Sum of GTIs [s]
livetime	4679.1894657217	Livetime [s]
ontime0	4739.2000706196	Sum of GTIs [s]
ontime1	4739.2000706196	Sum of GTIs [s]
ontime2	4739.2000706196	Sum of GTIs [s]
ontime3	4739.2000706196	Sum of GTIs [s]
ontime6	4739.2000706196	Sum of GTIs [s]
ontime7	4739.2000706196	Sum of GTIs [s]
l2events	88388	Number of level 2 events

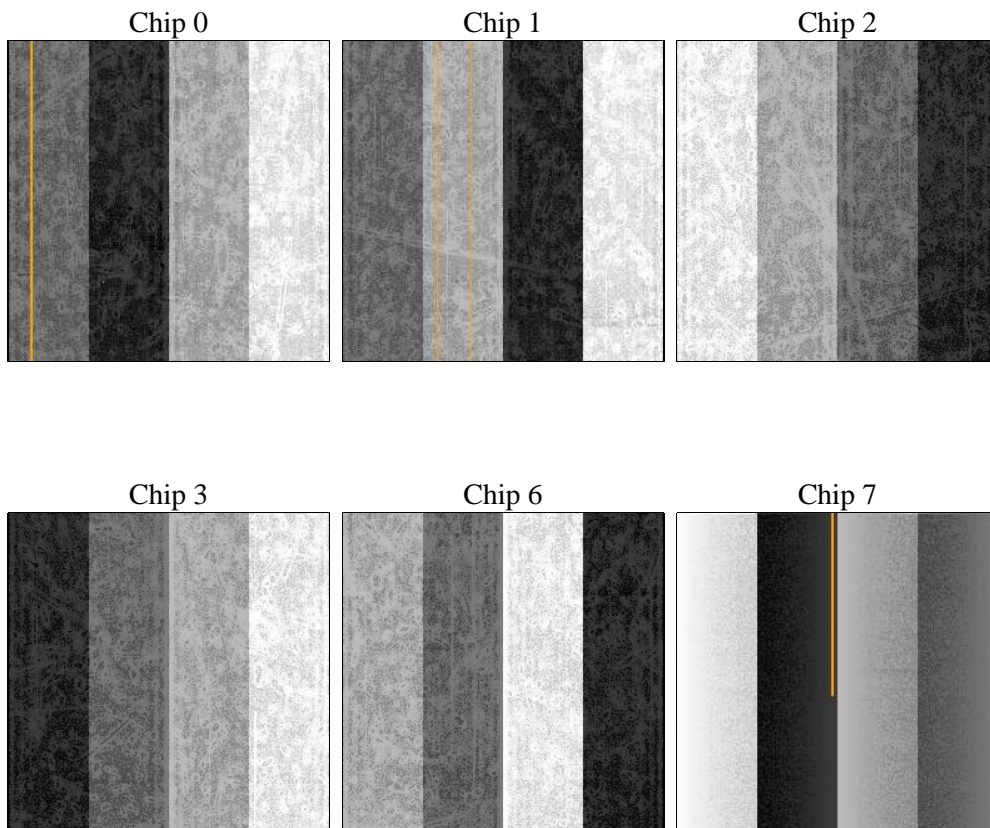
2 OBI

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	10.3.3	Processing system revision	ontime	4739.2000706196	Sum of GTIs [s]
caldsver	4.6.6	 	ontime0	4739.2000706196	Sum of GTIs [s]
date	2015-02-04T17:07:59	Date and time of file creation	ontime1	4739.2000706196	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	4739.2000706196	Sum of GTIs [s]
			ontime3	4739.2000706196	Sum of GTIs [s]
			ontime6	4739.2000706196	Sum of GTIs [s]
			ontime7	4739.2000706196	Sum of GTIs [s]
			l1events	475811	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	80833	84593	85436	77953	82209	64787	grade 0 events	6544	6331	6809	6784	6303	3459
rejected events	67515	71116	71997	64580	68544	37879		8%	7%	7%	8%	7%	5%
rejected %	83%	84%	84%	82%	83%	58%	grade 1 events	32	38	37	52	39	35
								0%	0%	0%	0%	0%	0%
							grade 2 events	2847	3236	2837	2716	3164	6759
								3%	3%	3%	3%	3%	10%
							grade 3 events	884	865	924	954	857	2088
								1%	1%	1%	1%	1%	3%
							grade 4 events	832	838	957	967	843	1983
								1%	0%	1%	1%	1%	3%
							grade 5 events	1471	1499	1457	1633	1578	3964
								1%	1%	1%	2%	1%	6%
							grade 6 events	2310	2347	2016	2081	2614	12845
								2%	2%	2%	2%	3%	19%
							grade 7 events	65913	69439	70399	62766	66811	33654
								81%	82%	82%	80%	81%	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	262.6923533815883
[deg] Pointing Dec	0	-1.071534635205496
[deg] Pointing Roll	0.0	71.01140172318161
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)	539427255.605268	539427255.605268
Observation start date	2015-02-04T08:54:16	2015-02-04T08:54:15
[s] Observation end time (MET)	539433326.6656671	539433326.6656671
Observation end date	2015-02-04T10:35:27	2015-02-04T10:35:26
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.02.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.7392000706196

A.2 Comments