

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51216 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 2 2016

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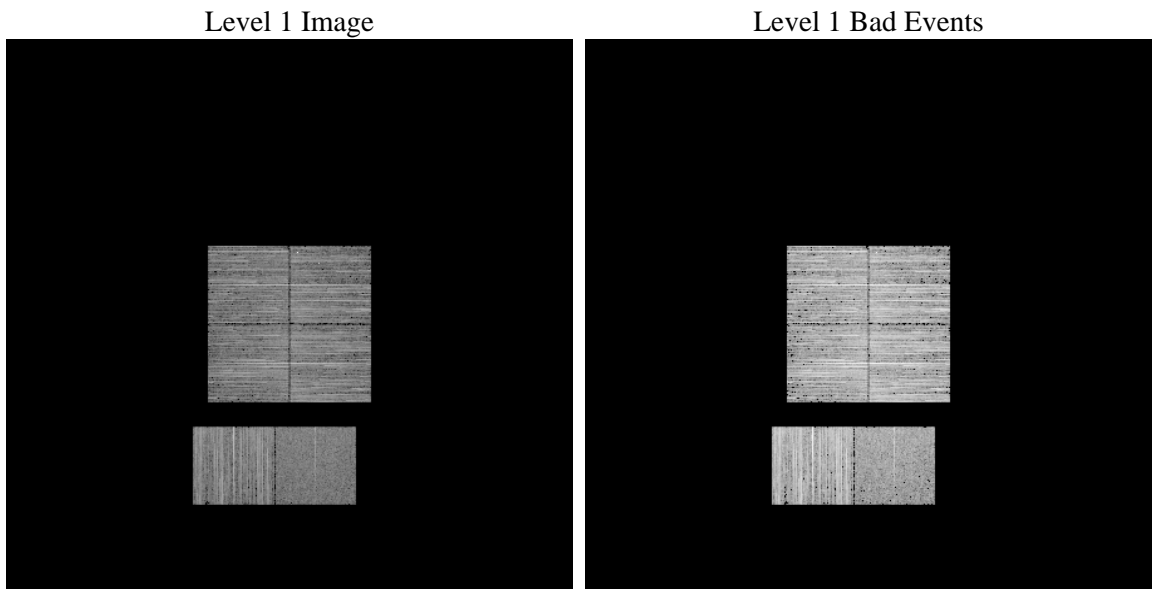
1 Front

seq_num	 	Sequence number
obs_id	51216	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	174.96446599545	Nominal RA [deg]
dec_nom	31.696074717309	Nominal Dec [deg]
roll_nom	152.51193464944	Nominal Roll [deg]
revision	1	Processing version of data
ontime	2992.0000445843	Sum of GTIs [s]
livetime	2954.1135384536	Livetime [s]
ontime0	2992.0000445843	Sum of GTIs [s]
ontime1	2992.0000445843	Sum of GTIs [s]
ontime2	2992.0000445843	Sum of GTIs [s]
ontime3	2992.0000445843	Sum of GTIs [s]
ontime6	2992.0000445843	Sum of GTIs [s]
ontime7	2992.0000445843	Sum of GTIs [s]
l2events	51414	Number of level 2 events

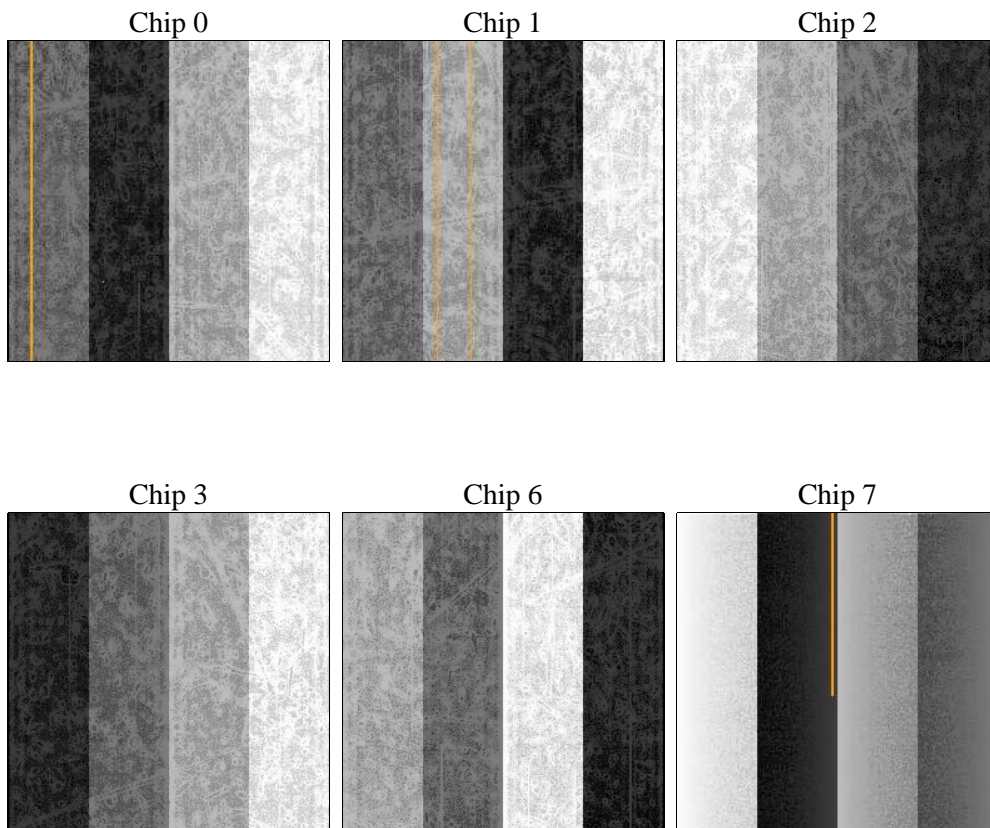
2 OBI

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	10.4.3.1	Processing system revision	ontime	2992.0000445843	Sum of GTIs [s]
caldbver	4.7.0	 	ontime0	2992.0000445843	Sum of GTIs [s]
date	2016-03-02T06:29:52	Date and time of file creation	ontime1	2992.0000445843	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	2992.0000445843	Sum of GTIs [s]
			ontime3	2992.0000445843	Sum of GTIs [s]
			ontime6	2992.0000445843	Sum of GTIs [s]
			ontime7	2992.0000445843	Sum of GTIs [s]
			l1events	396222	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	65651	68049	65034	72885	73431	51172	grade 0 events	3579	4946	3605	3827	3304	2181
rejected events	58393	59162	57948	65521	66107	32994		5%	7%	5%	5%	4%	4%
rejected %	88%	86%	89%	89%	90%	64%	grade 1 events	26	31	25	37	22	33
								0%	0%	0%	0%	0%	0%
							grade 2 events	1865	2218	1680	1749	2070	4952
								2%	3%	2%	2%	2%	9%
							grade 3 events	559	529	541	572	481	1354
								0%	0%	0%	0%	0%	2%
							grade 4 events	516	540	581	549	521	1334
								0%	0%	0%	0%	0%	2%
							grade 5 events	1215	1202	1183	1363	1209	3149
								1%	1%	1%	1%	1%	6%
							grade 6 events	1430	1496	1307	1344	1624	10012
								2%	2%	2%	1%	2%	19%
							grade 7 events	56461	57087	56112	63444	64200	28157
								86%	83%	86%	87%	87%	55%

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	174.9644659954533
[deg] Pointing Dec	0	31.69607471730864
[deg] Pointing Roll	0.0	152.5119346494445
SIM focus pos (mm)	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	573243834.850664	573243834.850664
Observation start date	2016-03-01T18:23:55	2016-03-01T18:23:54
[s] Observation end time (MET)	573248383.241084	573248383.241084
Observation end date	2016-03-01T19:39:43	2016-03-01T19:39:43
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.03.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.9920000445843

A.2 Comments