

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51044 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 7 2016

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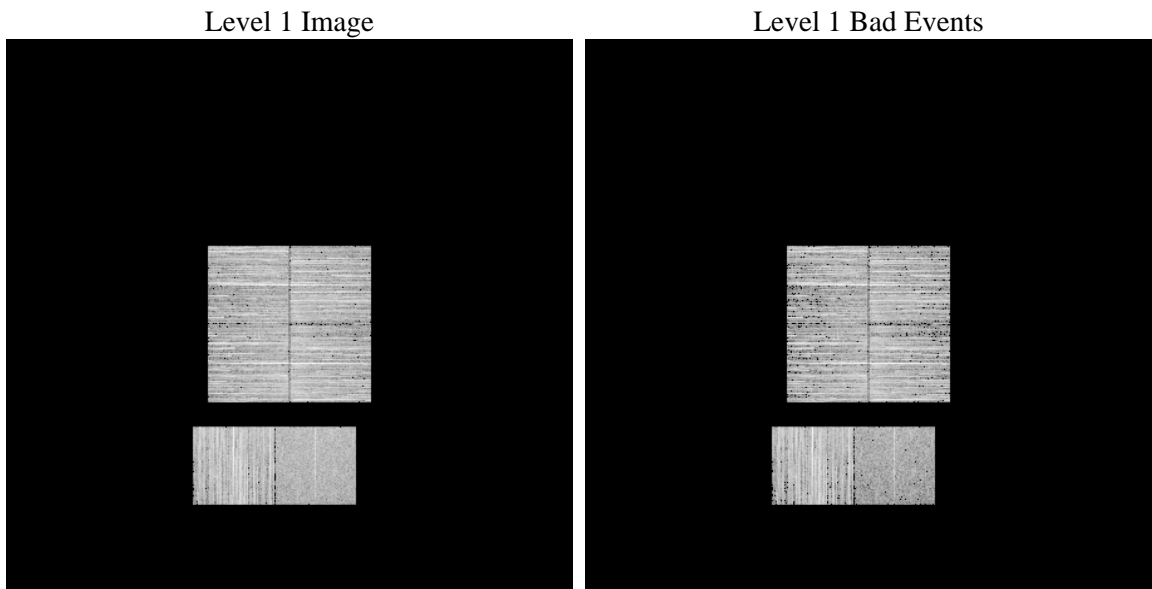
1 Front

seq_num	 	Sequence number
obs_id	51044	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	214.98145869358	Nominal RA [deg]
dec_nom	11.977587080724	Nominal Dec [deg]
roll_nom	198.31885924103	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3279.8708664179	Sum of GTIs [s]
livetime	3238.3391666062	Livetime [s]
ontime0	3166.3916705847	Sum of GTIs [s]
ontime1	3163.1096510887	Sum of GTIs [s]
ontime2	3156.5864504576	Sum of GTIs [s]
ontime3	3166.4755063057	Sum of GTIs [s]
ontime6	3166.2702659369	Sum of GTIs [s]
ontime7	3279.8708664179	Sum of GTIs [s]
l2events	54791	Number of level 2 events

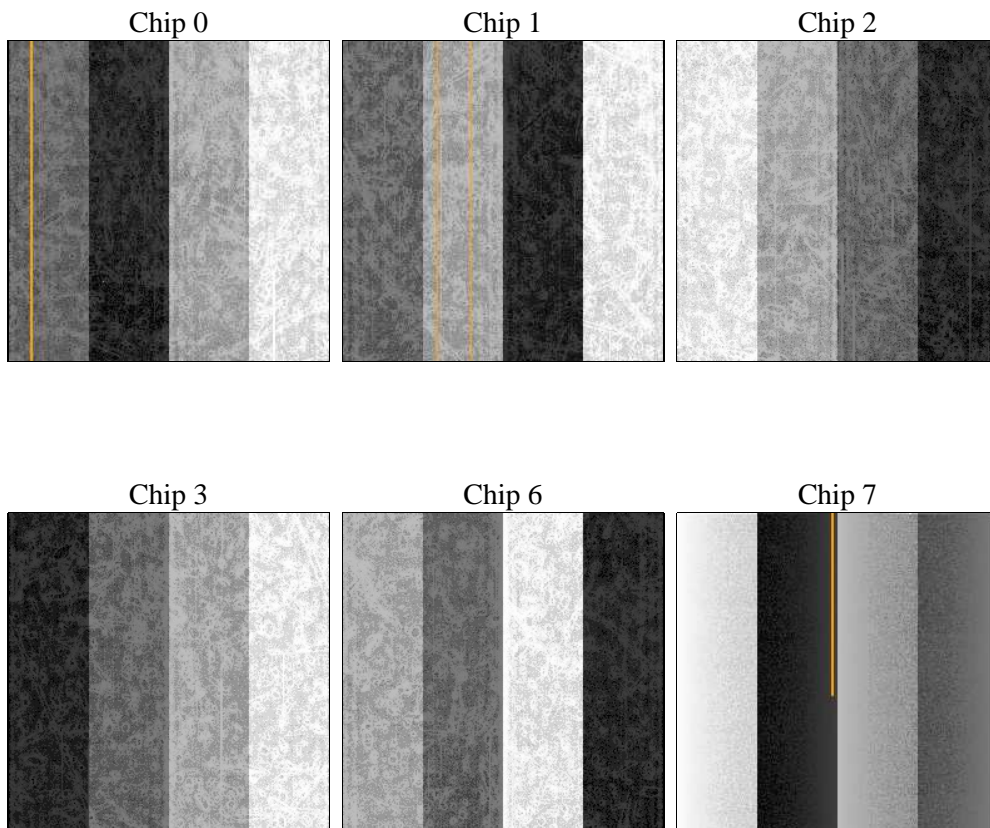
2 OBI

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	3279.8708664179	Sum of GTIs [s]
caldbver	4.7.1	 	ontime0	3166.3916705847	Sum of GTIs [s]
date	2016-05-07T16:19:30	Date and time of file creation	ontime1	3163.1096510887	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3156.5864504576	Sum of GTIs [s]
			ontime3	3166.4755063057	Sum of GTIs [s]
			ontime6	3166.2702659369	Sum of GTIs [s]
			ontime7	3279.8708664179	Sum of GTIs [s]
			l1events	390253	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	62797	65709	64722	68193	76591	52241	grade 0 events	3609	3295	3745	3673	3393	2090
rejected events	55120	57897	57111	60546	68682	32217		5%	5%	5%	5%	4%	4%
rejected %	87%	88%	88%	88%	89%	61%	grade 1 events	25	25	31	24	16	38
								0%	0%	0%	0%	0%	0%
							grade 2 events	1749	2001	1564	1549	2014	5083
								2%	3%	2%	2%	2%	9%
							grade 3 events	504	532	529	588	481	1431
								0%	0%	0%	0%	0%	2%
							grade 4 events	526	547	549	553	496	1367
								0%	0%	0%	0%	0%	2%
							grade 5 events	1227	1153	1152	1365	1213	3290
								1%	1%	1%	2%	1%	6%
							grade 6 events	1289	1437	1224	1284	1525	10053
								2%	2%	1%	1%	1%	19%
							grade 7 events	53868	56719	55928	59157	67453	28889
								85%	86%	86%	86%	88%	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	214.9814586935827
[deg] Pointing Dec	0	11.97758708072393
[deg] Pointing Roll	0.0	198.3188592410325
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	578995786.614838	578995785.5898401
Observation start date	2016-05-07T08:09:47	2016-05-07T08:09:45
[s] Observation end time (MET)	579000786.565124	579000785.54012
Observation end date	2016-05-07T09:33:07	2016-05-07T09:33:05
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2016.05.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2798708664179

A.2 Comments