

V&V Reference Report

L2 ASCDS Version : 10.4.3

Observation 51401 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Dec 19 2015

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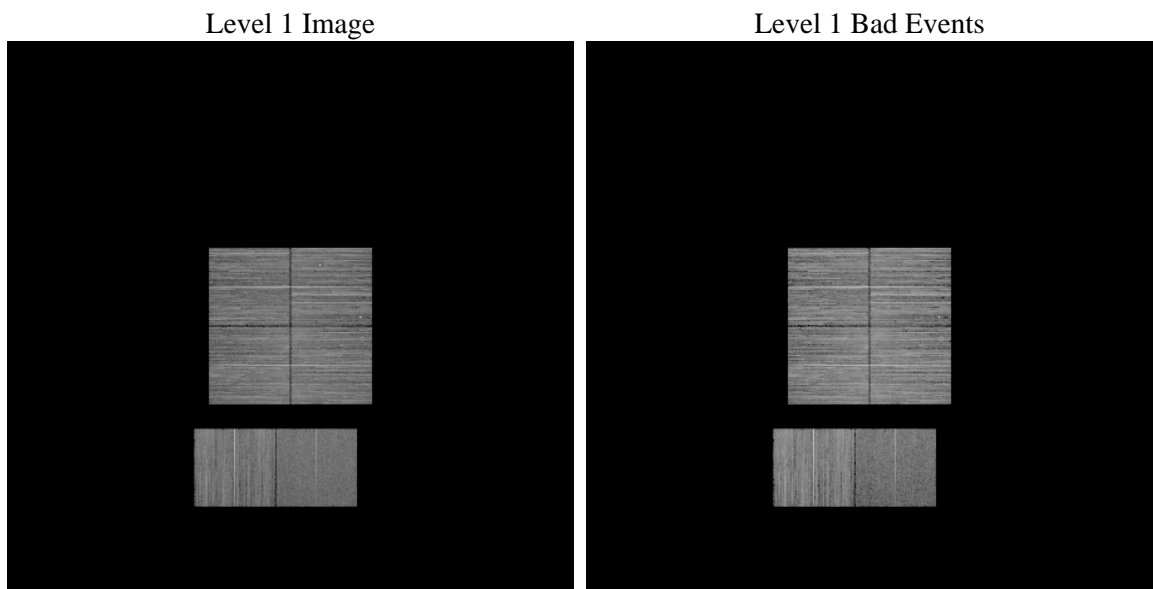
1 Front

seq_num	 	Sequence number
obs_id	51401	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	108.96351893633	Nominal RA [deg]
dec_nom	38.005947212453	Nominal Dec [deg]
roll_nom	120.74628695733	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8045.1831176281	Sum of GTIs [s]
livetime	7943.310164765	Livetime [s]
ontime0	7889.5721575022	Sum of GTIs [s]
ontime1	7873.3258061409	Sum of GTIs [s]
ontime2	7889.4899961948	Sum of GTIs [s]
ontime3	7879.9310468435	Sum of GTIs [s]
ontime6	7886.2079164982	Sum of GTIs [s]
ontime7	8045.1831176281	Sum of GTIs [s]
l2events	151767	Number of level 2 events

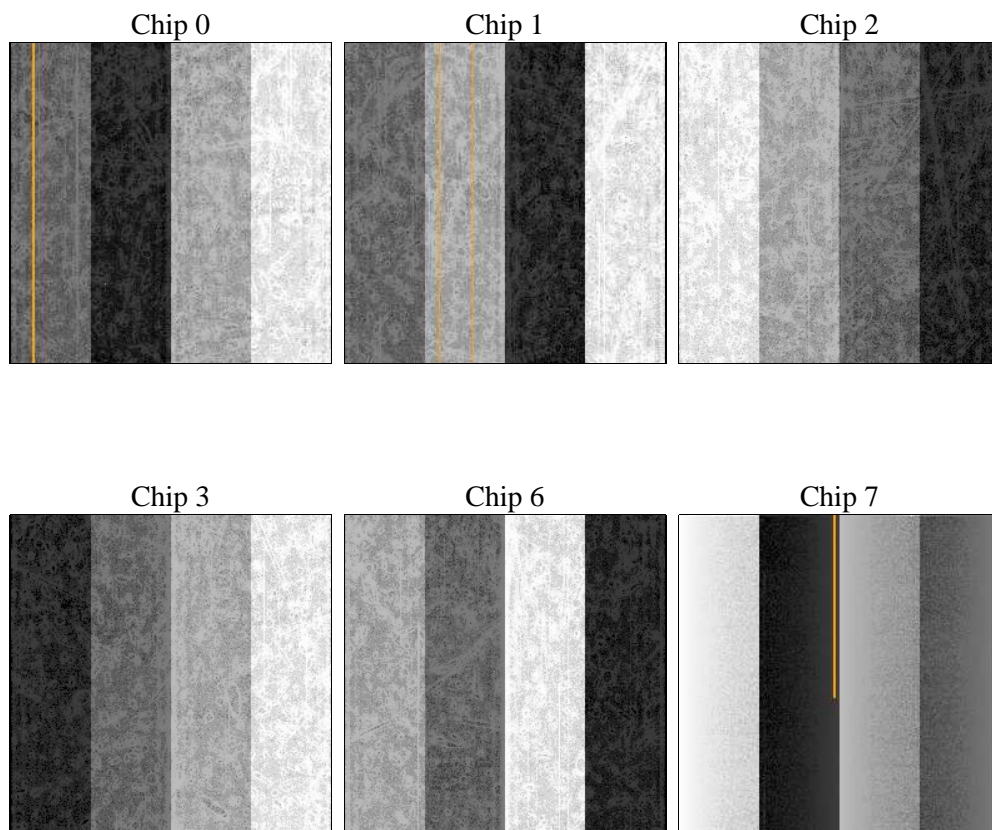
2 OBI

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	Processing system revision	ontime	8045.1831176281	Sum of GTIs [s]
caldsver	4.7.0	 	ontime0	7889.5721575022	Sum of GTIs [s]
date	2015-12-19T20:37:10	Date and time of file creation	ontime1	7873.3258061409	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	7889.4899961948	Sum of GTIs [s]
			ontime3	7879.9310468435	Sum of GTIs [s]
			ontime6	7886.2079164982	Sum of GTIs [s]
			ontime7	8045.1831176281	Sum of GTIs [s]
			l1events	934288	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	153224	168743	162266	173555	152905	123595	grade 0 events	10679	11746	11001	10725	10265	5859
rejected events	130825	141972	140149	151429	129618	73949		6%	6%	6%	6%	6%	4%
rejected %	85%	84%	86%	87%	84%	59%	grade 1 events	80	58	72	68	39	88
								0%	0%	0%	0%	0%	0%
							grade 2 events	5017	8015	4678	4765	5675	12510
								3%	4%	2%	2%	3%	10%
							grade 3 events	1542	1475	1468	1562	1468	3650
								1%	0%	0%	0%	0%	2%
							grade 4 events	1419	1440	1508	1534	1401	3472
								0%	0%	0%	0%	0%	2%
							grade 5 events	2977	2801	2758	3217	3052	7561
								1%	1%	1%	1%	1%	6%
							grade 6 events	3920	4260	3621	3723	4652	24560
								2%	2%	2%	2%	3%	19%
							grade 7 events	127590	138948	137160	147961	126353	65895
								83%	82%	84%	85%	82%	53%

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	108.9635189363342
[deg] Pointing Dec	0	38.00594721245272
[deg] Pointing Roll	0.0	120.7462869573322
[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)	566888738.139679	566888737.1146801
Observation start date	2015-12-19T05:05:38	2015-12-19T05:05:37
[s] Observation end time (MET)	566897653.590185	566897652.56519
Observation end date	2015-12-19T07:34:14	2015-12-19T07:34:12
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0451831176281

A.2 Comments