

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51285 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 2 2016

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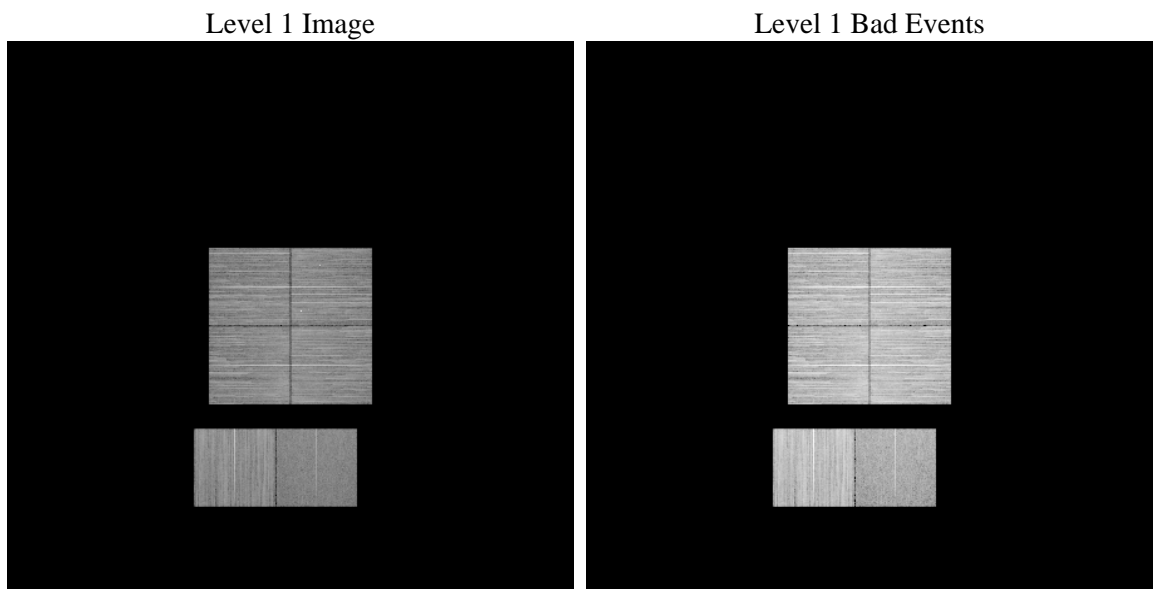
1 Front

seq_num	 	Sequence number
obs_id	51285	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	188.76630322098	Nominal RA [deg]
dec_nom	30.409224455805	Nominal Dec [deg]
roll_nom	258.26893856421	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8315.9483138323	Sum of GTIs [s]
livetime	8210.6467690196	Livetime [s]
ontime0	8315.9072737694	Sum of GTIs [s]
ontime1	8315.8662338257	Sum of GTIs [s]
ontime2	8315.8251937628	Sum of GTIs [s]
ontime3	8315.989353776	Sum of GTIs [s]
ontime6	8315.7841538191	Sum of GTIs [s]
ontime7	8315.9483138323	Sum of GTIs [s]
l2events	143799	Number of level 2 events

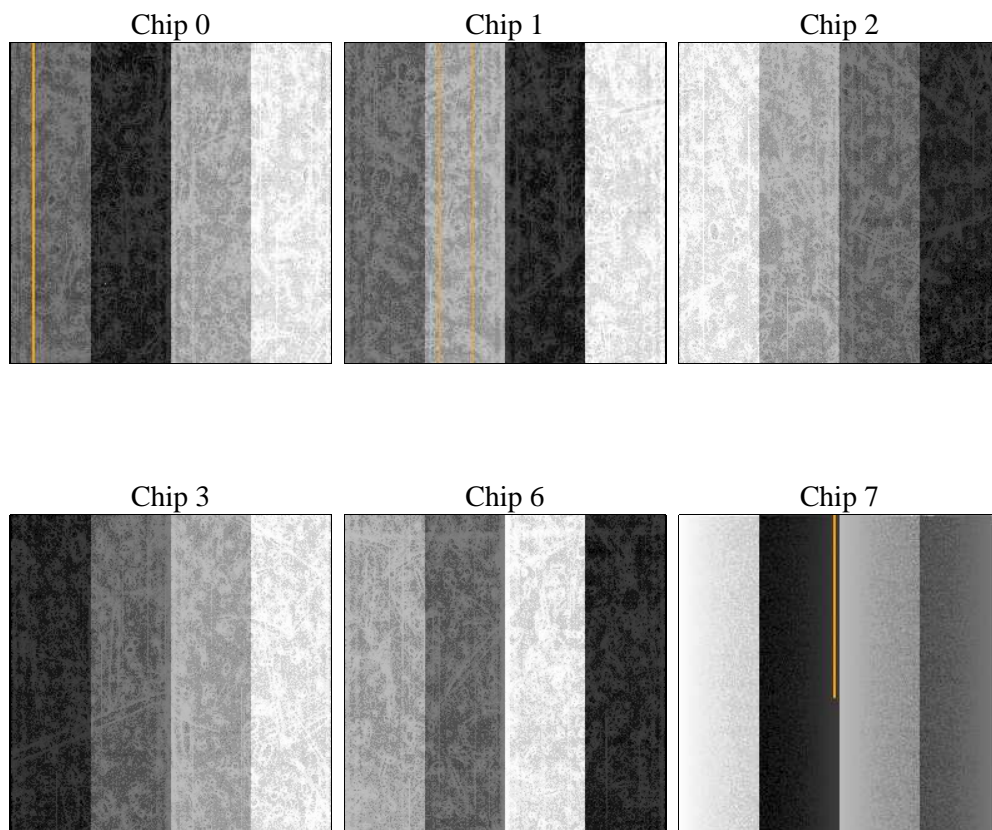
2 OBI

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	8315.9483138323	Sum of GTIs [s]
caldsver	4.7.0	 	ontime0	8315.9072737694	Sum of GTIs [s]
date	2016-02-02T18:07:42	Date and time of file creation	ontime1	8315.8662338257	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8315.8251937628	Sum of GTIs [s]
			ontime3	8315.989353776	Sum of GTIs [s]
			ontime6	8315.7841538191	Sum of GTIs [s]
			ontime7	8315.9483138323	Sum of GTIs [s]
			l1events	1058465	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	170315	183238	184887	195544	190498	133983	grade 0 events	8875	8550	9605	9571	7855	5166
rejected events	149855	159509	164472	174943	169547	83752		5%	4%	5%	4%	4%	3%
rejected %	87%	87%	88%	89%	89%	62%	grade 1 events	57	55	61	58	40	95
								0%	0%	0%	0%	0%	0%
							grade 2 events	5483	8892	4897	4793	6664	12671
								3%	4%	2%	2%	3%	9%
							grade 3 events	1405	1228	1394	1397	1234	3433
								0%	0%	0%	0%	0%	2%
							grade 4 events	1303	1316	1435	1496	1220	3360
								0%	0%	0%	0%	0%	2%
							grade 5 events	2966	2900	2920	3433	3009	7756
								1%	1%	1%	1%	1%	5%
							grade 6 events	3726	4084	3416	3655	4332	26431
								2%	2%	1%	1%	2%	19%
							grade 7 events	146500	156213	161159	171141	166144	75071
								86%	85%	87%	87%	87%	56%

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	188.7663032209781
[deg] Pointing Dec	0	30.4092244558052
[deg] Pointing Roll	0.0	258.2689385642113
SIM focus pos (mm)	-0.78090834371673	-0.78090834371673
[mm] SIM defocus	0.7524282194390134	0.7524282194390134
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	570773658.510208	570773658.510208
Observation start date	2016-02-02T04:14:19	2016-02-02T04:14:18
[s] Observation end time (MET)	570782833.484339	570782833.484339
Observation end date	2016-02-02T06:47:13	2016-02-02T06:47:13
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)	2016.02.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3159483138323

A.2 Comments