

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 52074 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 15 2015

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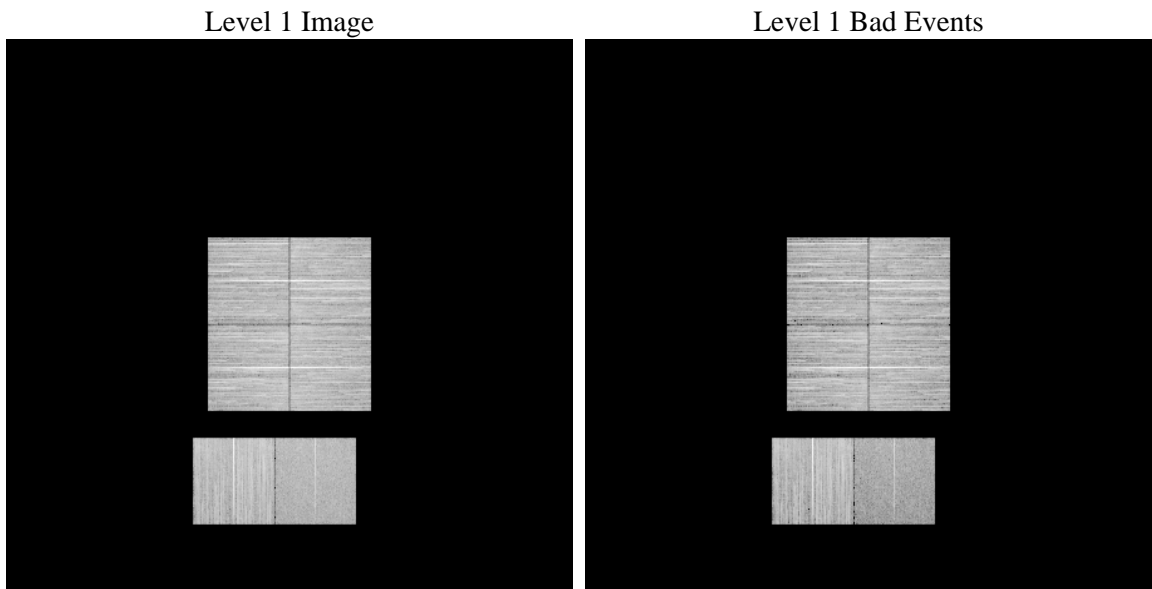
1 Front

seq_num	 	Sequence number
obs_id	52074	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	175.97311921859	Nominal RA [deg]
dec_nom	19.720569533931	Nominal Dec [deg]
roll_nom	100.4377902883	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8358.4001245499	Sum of GTIs [s]
livetime	8252.5610293485	Livetime [s]
ontime0	8358.4001245499	Sum of GTIs [s]
ontime1	8358.4001245499	Sum of GTIs [s]
ontime2	8358.4001245499	Sum of GTIs [s]
ontime3	8358.4001245499	Sum of GTIs [s]
ontime6	8358.4001245499	Sum of GTIs [s]
ontime7	8358.4001245499	Sum of GTIs [s]
l2events	157595	Number of level 2 events

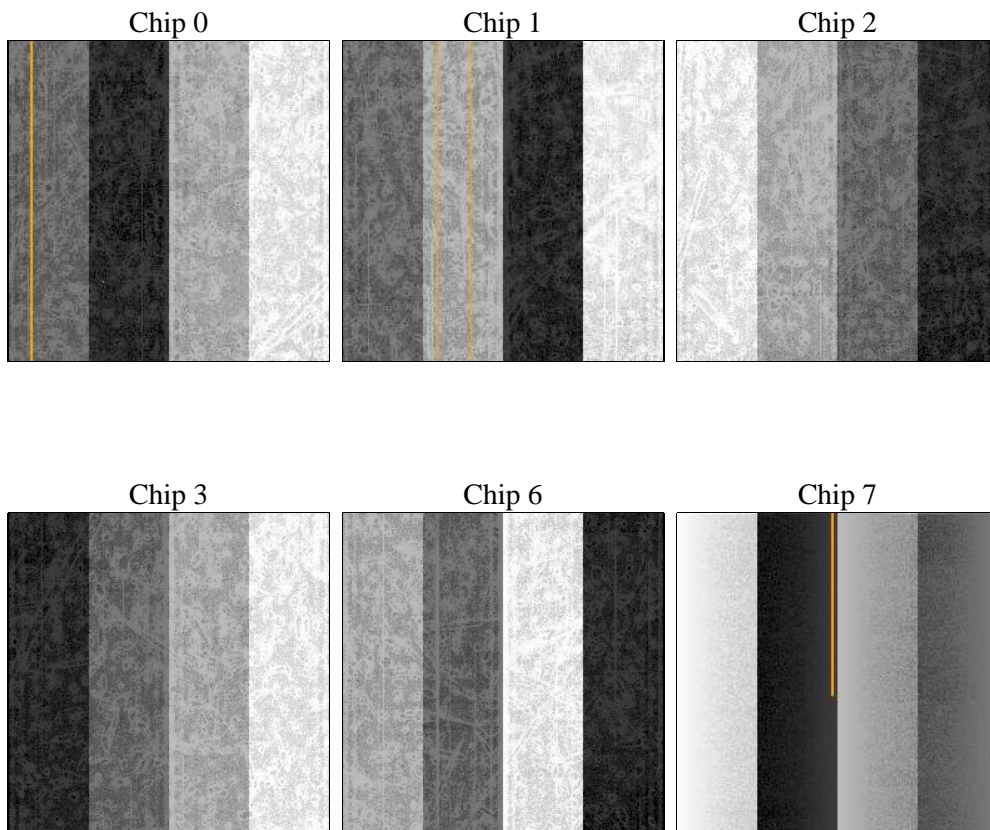
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.3.3	Processing system revision	ontime	8358.4001245499	Sum of GTIs [s]
caldbver	4.6.6	 	ontime0	8358.4001245499	Sum of GTIs [s]
date	2015-02-15T21:36:39	Date and time of file creation	ontime1	8358.4001245499	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8358.4001245499	Sum of GTIs [s]
			ontime3	8358.4001245499	Sum of GTIs [s]
			ontime6	8358.4001245499	Sum of GTIs [s]
			ontime7	8358.4001245499	Sum of GTIs [s]
			l1events	927398	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	154312	168256	161873	157502	163699	121756	grade 0 events	11214	10325	11927	11769	10588	5728
rejected events	131017	144771	138359	133989	139072	72670		7%	6%	7%	7%	6%	4%
rejected %	84%	86%	85%	85%	84%	59%	grade 1 events	72	73	56	66	68	88
								0%	0%	0%	0%	0%	0%
							grade 2 events	5156	6037	4851	5013	6440	12670
								3%	3%	2%	3%	3%	10%
							grade 3 events	1677	1444	1601	1608	1430	3481
								1%	0%	0%	1%	0%	2%
							grade 4 events	1527	1513	1647	1643	1517	3539
								0%	0%	1%	1%	0%	2%
							grade 5 events	2733	2593	2665	3141	2832	7177
								1%	1%	1%	1%	1%	5%
							grade 6 events	3955	4385	3693	3718	4873	24158
								2%	2%	2%	2%	2%	19%
							grade 7 events	127978	141886	135433	130544	135951	64915
								82%	84%	83%	82%	83%	53%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	175.9731192185946	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	19.72056953393079	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	100.4377902882982	[s] Primary exposure time	3.2	3.2
[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)	540376137.1082669	540376136.08327			
Observation start date	2015-02-15T08:28:57	2015-02-15T08:28:56			
[s] Observation end time (MET)	540389365.759006	540389364.73401			
Observation end date	2015-02-15T12:09:26	2015-02-15T12:09:24			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.02.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3584001245499

A.2 Comments