

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 52096 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 10 2015

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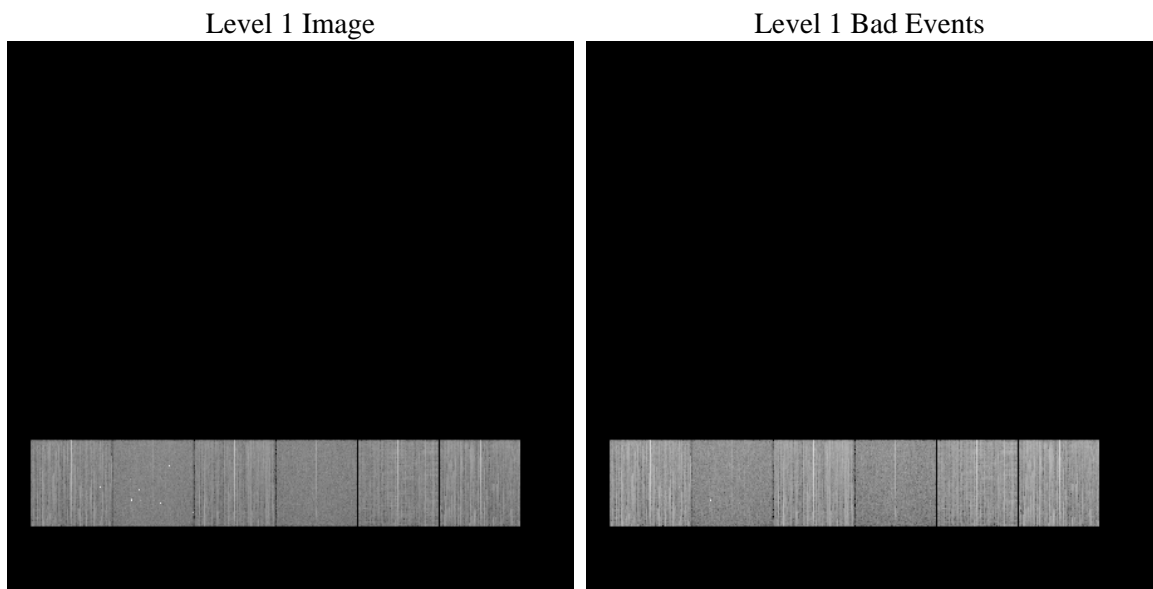
1 Front

seq_num	 	Sequence number
obs_id	52096	Observation id
title	ACIS-456789 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	142.35363096492	Nominal RA [deg]
dec_nom	35.565505220677	Nominal Dec [deg]
roll_nom	184.54958367922	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8128.0001211166	Sum of GTIs [s]
livetime	8025.078489489	Livetime [s]
ontime4	8124.7589702606	Sum of GTIs [s]
ontime5	8128.0001211166	Sum of GTIs [s]
ontime6	8128.0001211166	Sum of GTIs [s]
ontime7	8128.0001211166	Sum of GTIs [s]
ontime8	8128.0001211166	Sum of GTIs [s]
ontime9	8128.0001211166	Sum of GTIs [s]
l2events	181485	Number of level 2 events

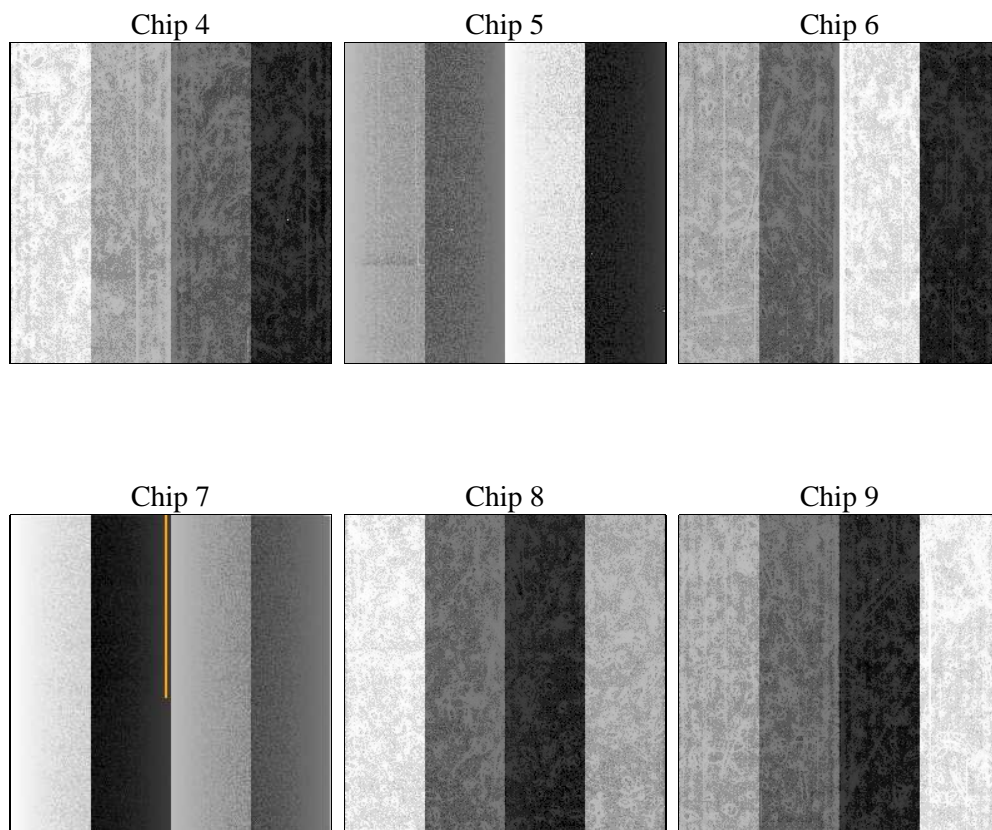
2 OBI

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	8128.0001211166	Sum of GTIs [s]
caldsver	4.6.6	 	ontime4	8124.7589702606	Sum of GTIs [s]
date	2015-02-10T05:59:52	Date and time of file creation	ontime5	8128.0001211166	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8128.0001211166	Sum of GTIs [s]
			ontime7	8128.0001211166	Sum of GTIs [s]
			ontime8	8128.0001211166	Sum of GTIs [s]
			ontime9	8128.0001211166	Sum of GTIs [s]
			l1events	871648	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	155418	132633	153170	118351	152878	159198	grade 0 events	14346	9898	10955	5807	13747	11131
rejected events	130386	74103	129544	70758	120634	136226		9%	7%	7%	4%	8%	6%
rejected %	83%	55%	84%	59%	78%	85%	grade 1 events	104	150	61	83	84	68
								0%	0%	0%	0%	0%	0%
							grade 2 events	4563	20524	5504	12099	7156	4884
								2%	15%	3%	10%	4%	3%
							grade 3 events	1648	1526	1541	3579	2562	1626
								1%	1%	1%	3%	1%	1%
							grade 4 events	1676	1575	1544	3523	2488	1607
								1%	1%	1%	2%	1%	1%
							grade 5 events	3167	5619	2886	7095	4045	3370
								2%	4%	1%	5%	2%	2%
							grade 6 events	3170	25843	4435	23260	6729	4064
								2%	19%	2%	19%	4%	2%
							grade 7 events	126744	67498	126244	62905	116067	132448
								81%	50%	82%	53%	75%	83%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	OVERRIDE	OVERRIDE
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	142.3536309649231	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	35.56550522067698	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	184.5495836792155	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-1.4281808131	-1.4281808131			
[mm] SIM defocus	0.1051557500557434	0.1051557500557434			
SIM translation stage pos (mm)	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	539879342.130529	539879342.130529			
Observation start date	2015-02-09T14:29:02	2015-02-09T14:29:02			
[s] Observation end time (MET)	539888823.072649	539888823.072649			
Observation end date	2015-02-09T17:07:03	2015-02-09T17:07:03			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1280001211166

A.2 Comments