

V&V Reference Report

L2 ASCDS Version : 10.3

Observation 52349 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 30 2014

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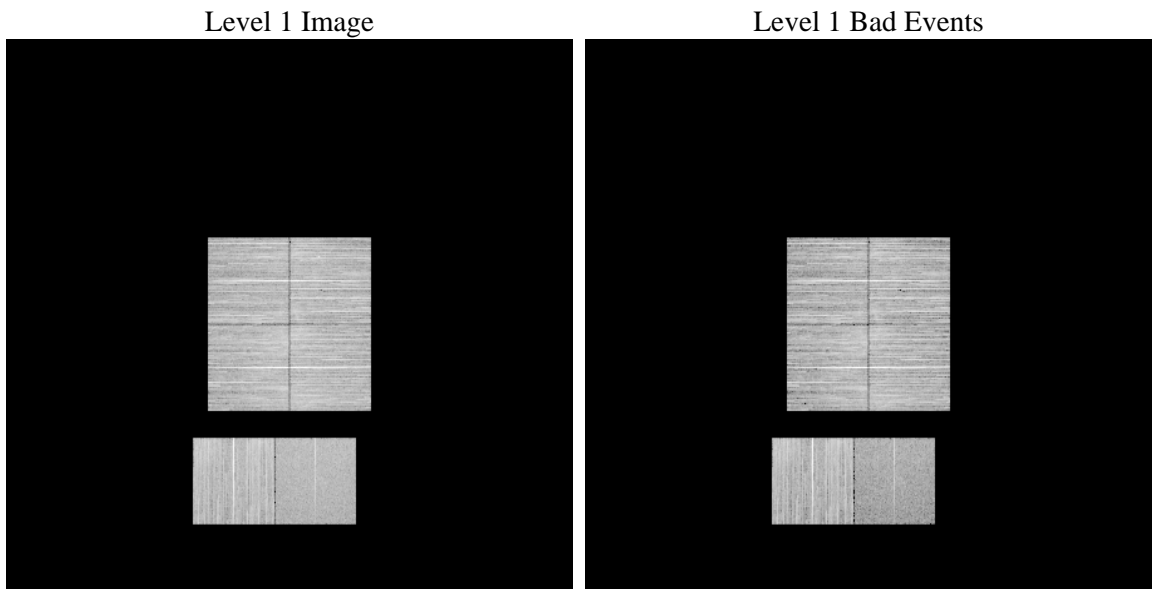
1 Front

seq_num	 	Sequence number
obs_id	52349	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	45.759915820912	Nominal RA [deg]
dec_nom	-11.976260565166	Nominal Dec [deg]
roll_nom	25.143798519207	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8469.7401995063	Sum of GTIs [s]
livetime	8362.4912492349	Livetime [s]
ontime0	8469.699159503	Sum of GTIs [s]
ontime1	8469.6581194997	Sum of GTIs [s]
ontime2	8469.6170794964	Sum of GTIs [s]
ontime3	8469.7812395096	Sum of GTIs [s]
ontime6	8469.5760394931	Sum of GTIs [s]
ontime7	8469.7401995063	Sum of GTIs [s]
l2events	165387	Number of level 2 events

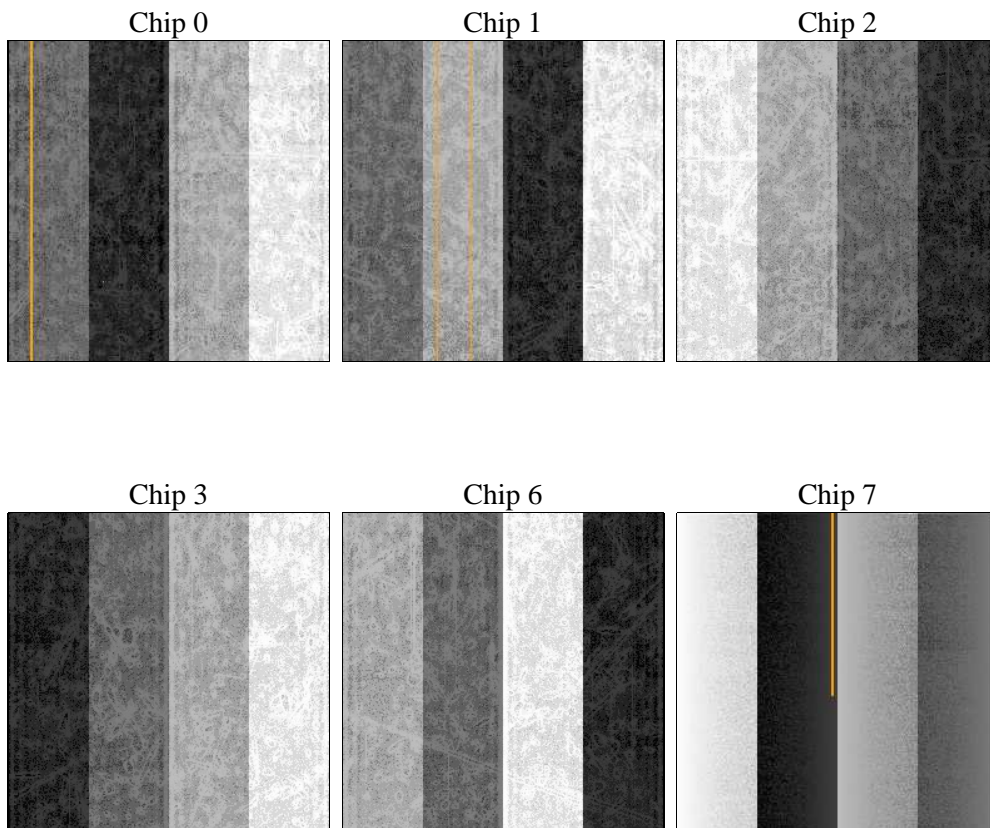
2 OBI

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	10.3	Processing system revision	ontime	8469.7401995063	Sum of GTIs [s]
caldsver	4.6.4	 	ontime0	8469.699159503	Sum of GTIs [s]
date	2014-10-30T18:08:32	Date and time of file creation	ontime1	8469.6581194997	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8469.6170794964	Sum of GTIs [s]
			ontime3	8469.7812395096	Sum of GTIs [s]
			ontime6	8469.5760394931	Sum of GTIs [s]
			ontime7	8469.7401995063	Sum of GTIs [s]
			l1events	883829	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	142494	156558	149245	157658	157545	120329	grade 0 events	12176	11624	12458	12656	12229	6452
rejected events	117702	131619	124723	132628	131795	69838		8%	7%	8%	8%	7%	5%
rejected %	82%	84%	83%	84%	83%	58%	grade 1 events	67	52	64	76	54	87
								0%	0%	0%	0%	0%	0%
							grade 2 events	5100	5612	4858	4973	5571	12492
								3%	3%	3%	3%	3%	10%
							grade 3 events	1775	1640	1790	1807	1632	3813
								1%	1%	1%	1%	1%	3%
							grade 4 events	1661	1709	1722	1744	1696	3841
								1%	1%	1%	1%	1%	3%
							grade 5 events	2780	2893	2831	3110	2899	7277
								1%	1%	1%	1%	1%	6%
							grade 6 events	4091	4367	3702	3856	4627	23914
								2%	2%	2%	2%	2%	19%
							grade 7 events	114844	128661	121820	129436	128837	62453
								80%	82%	81%	82%	81%	51%

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	45.75991582091164	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-11.9762605651655	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	25.1437985192066	[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)	531003751.835722	531003750.81072			
Observation start date	2014-10-29T21:02:32	2014-10-29T21:02:30			
[s] Observation end time (MET)	531017238.786472	531017237.76147			
Observation end date	2014-10-30T00:47:19	2014-10-30T00:47:17			
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)	2014.10.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4697401995063

A.2 Comments