

V&V Reference Report

L2 ASCDS Version : 10.3

Observation 52337 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 6 2014

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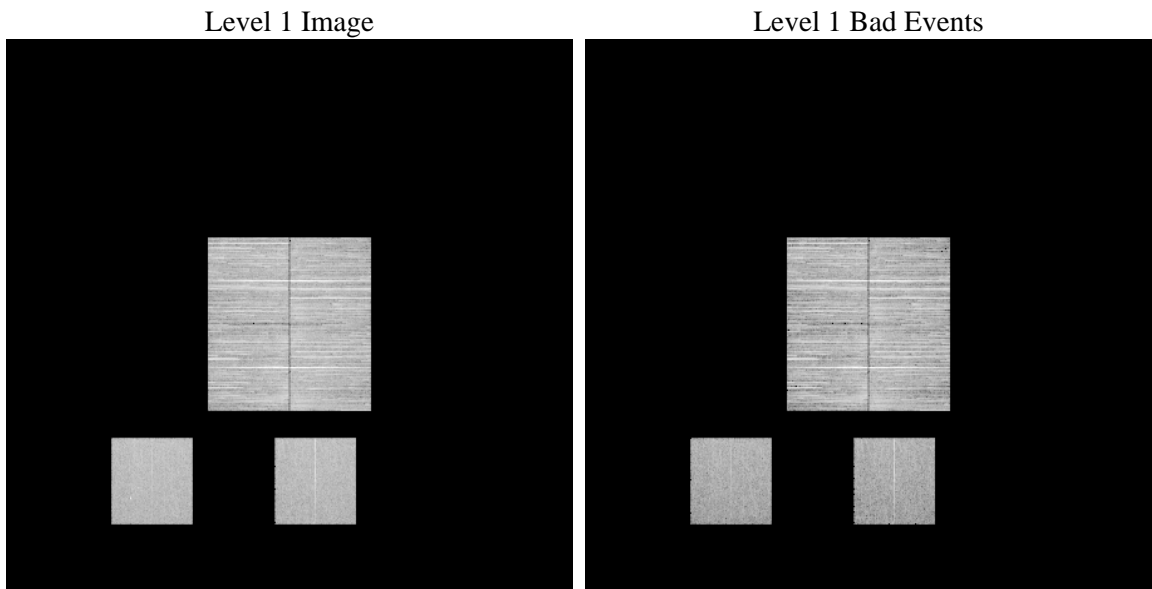
1 Front

seq_num	 	Sequence number
obs_id	52337	Observation id
title	ACIS-012357 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	58.008912744143	Nominal RA [deg]
dec_nom	-3.972516329484	Nominal Dec [deg]
roll_nom	39.278560294989	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8259.1999692917	Sum of GTIs [s]
livetime	8154.6170061874	Livetime [s]
ontime0	8259.1999692917	Sum of GTIs [s]
ontime1	8259.163931787	Sum of GTIs [s]
ontime2	8259.1228917837	Sum of GTIs [s]
ontime3	8259.1999692917	Sum of GTIs [s]
ontime5	8259.0818517804	Sum of GTIs [s]
ontime7	8259.1999692917	Sum of GTIs [s]
l2events	187670	Number of level 2 events

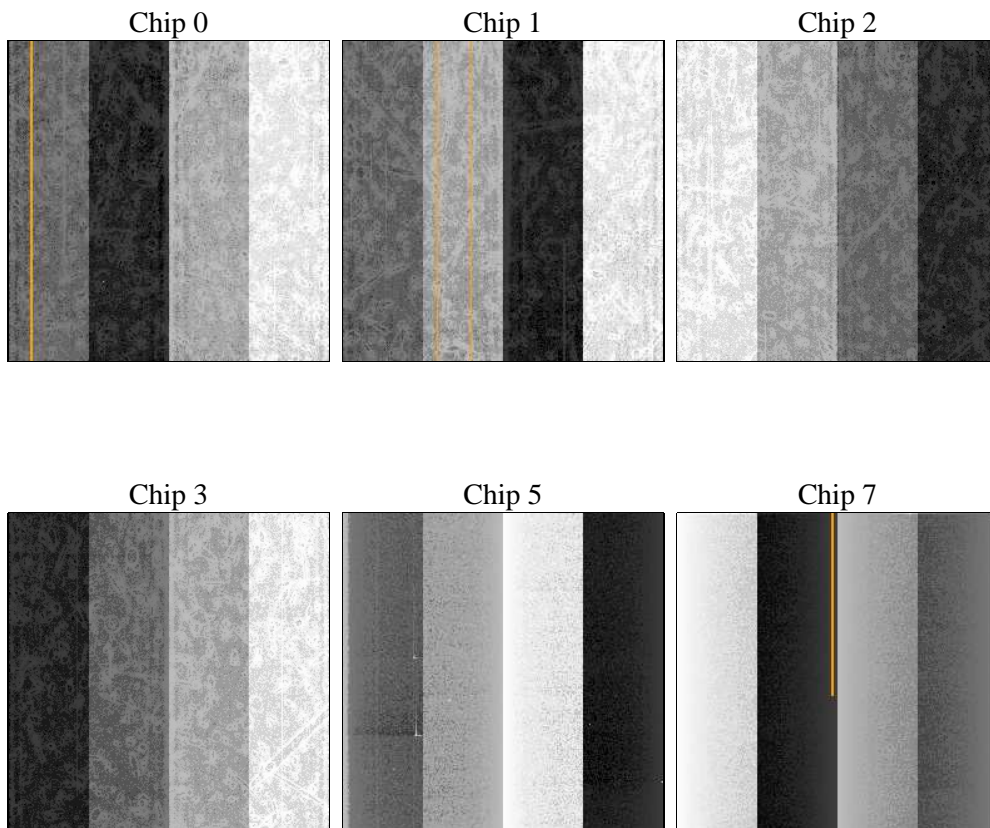
2 OBI

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	Processing system revision	ontime	8259.1999692917	Sum of GTIs [s]
caldsver	4.6.4	 	ontime0	8259.1999692917	Sum of GTIs [s]
date	2014-11-07T03:08:37	Date and time of file creation	ontime1	8259.163931787	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8259.1228917837	Sum of GTIs [s]
			ontime3	8259.1999692917	Sum of GTIs [s]
			ontime5	8259.0818517804	Sum of GTIs [s]
			ontime7	8259.1999692917	Sum of GTIs [s]
			l1events	789808	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	142245	140258	135254	138901	119366	113784	grade 0 events	11821	11240	12211	12458	4430	6424
rejected events	118160	116223	111343	114671	67829	64622		8%	8%	9%	8%	3%	5%
rejected %	83%	82%	82%	82%	56%	56%	grade 1 events	60	49	63	97	137	89
								0%	0%	0%	0%	0%	0%
							grade 2 events	5040	5438	4769	4705	19099	12229
								3%	3%	3%	3%	16%	10%
							grade 3 events	1723	1587	1713	1735	1734	3931
								1%	1%	1%	1%	1%	3%
							grade 4 events	1695	1598	1734	1817	1689	3913
								1%	1%	1%	1%	1%	3%
							grade 5 events	2772	2665	2603	3053	5511	7018
								1%	1%	1%	2%	4%	6%
							grade 6 events	3905	4277	3570	3623	24783	22900
								2%	3%	2%	2%	20%	20%
							grade 7 events	115229	113404	108591	111413	61983	57280
								81%	80%	80%	80%	51%	50%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	58.00891274414268	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-3.972516329484028	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	39.27856029498877	[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)	531657086.872043	531657085.84704			
Observation start date	2014-11-06T10:31:27	2014-11-06T10:31:25			
[s] Observation end time (MET)	531666672.672576	531666671.64758			
Observation end date	2014-11-06T13:11:13	2014-11-06T13:11:11			
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)	2014.11.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2591999692917

A.2 Comments