

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 50967 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 7 2016

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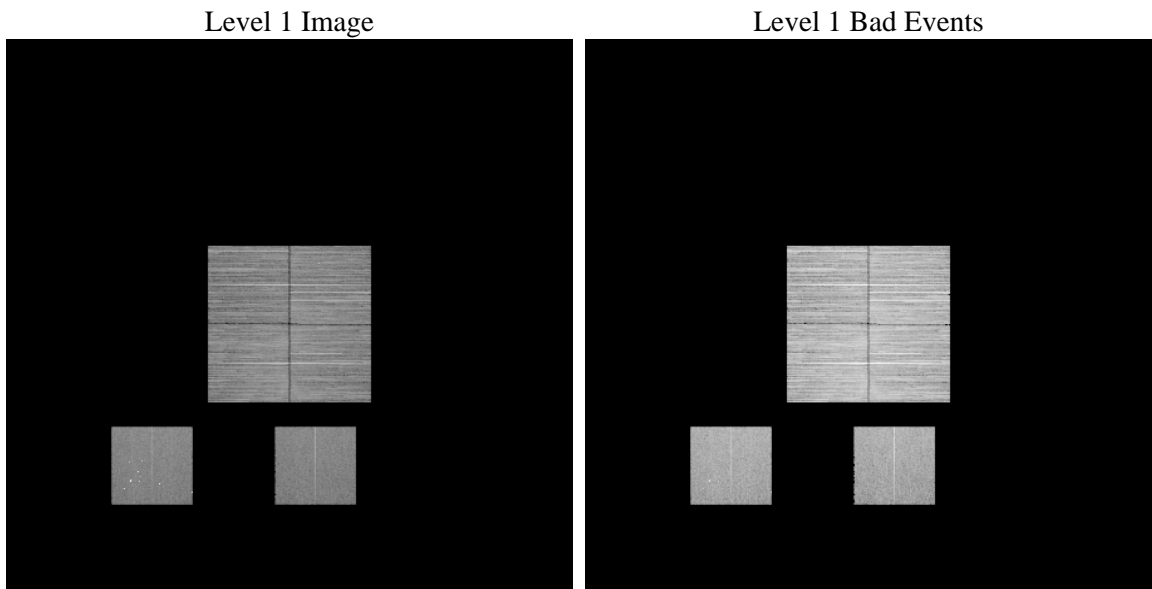
1 Front

seq_num	 	Sequence number
obs_id	50967	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	129.90141958745	Nominal RA [deg]
dec_nom	-13.942358876459	Nominal Dec [deg]
roll_nom	238.18399524485	Nominal Roll [deg]
revision	1	Processing version of data
ontime	7974.2650741339	Sum of GTIs [s]
livetime	7873.2901282392	Livetime [s]
ontime0	7974.224034071	Sum of GTIs [s]
ontime1	7974.1829941273	Sum of GTIs [s]
ontime2	7974.1419540644	Sum of GTIs [s]
ontime3	7974.3061140776	Sum of GTIs [s]
ontime5	7974.1009141207	Sum of GTIs [s]
ontime7	7974.2650741339	Sum of GTIs [s]
l2events	172950	Number of level 2 events

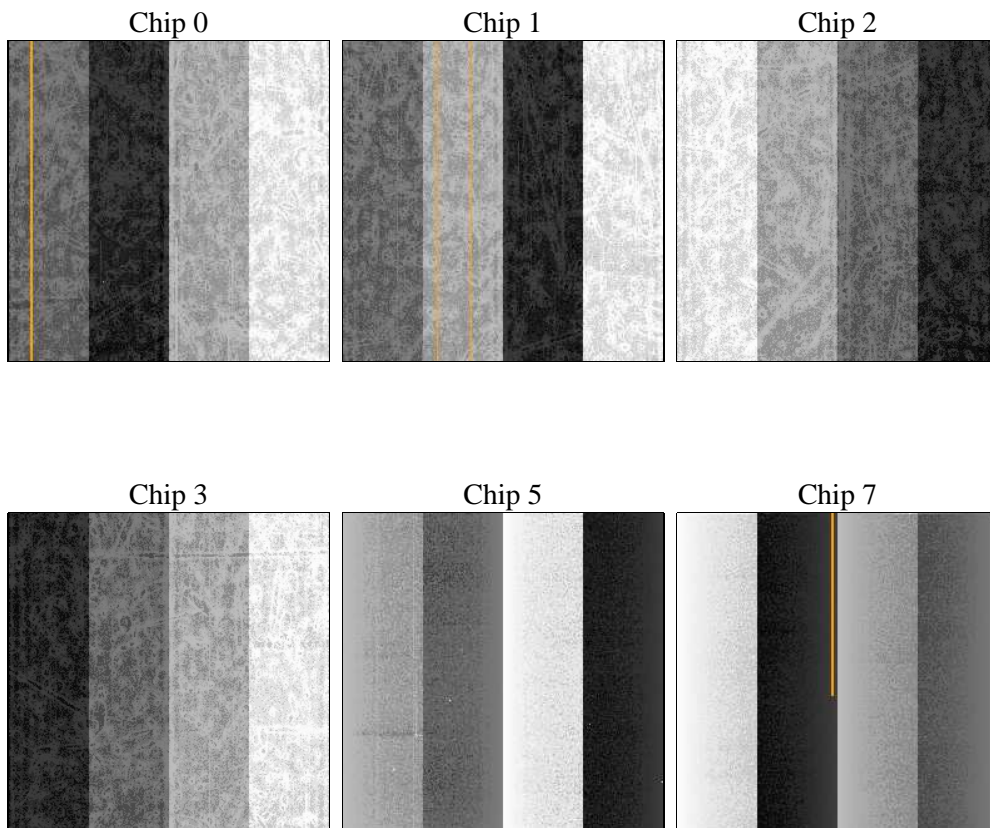
2 OBI

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	7974.2650741339	Sum of GTIs [s]
caldsver	4.7.2	 	ontime0	7974.224034071	Sum of GTIs [s]
date	2016-06-07T21:02:32	Date and time of file creation	ontime1	7974.1829941273	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	7974.1419540644	Sum of GTIs [s]
			ontime3	7974.3061140776	Sum of GTIs [s]
			ontime5	7974.1009141207	Sum of GTIs [s]
			ontime7	7974.2650741339	Sum of GTIs [s]
			l1events	1046237	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	164469	196070	199719	189899	157471	138609	grade 0 events	8408	8204	9172	9382	10866	5172
rejected events	145664	176154	180719	170491	90605	88567		5%	4%	4%	4%	6%	3%
rejected %	88%	89%	90%	89%	57%	63%	grade 1 events	49	55	57	92	337	120
								0%	0%	0%	0%	0%	0%
							grade 2 events	4962	5771	4469	4442	22726	13115
								3%	2%	2%	2%	14%	9%
							grade 3 events	1373	1311	1417	1425	2108	3516
								0%	0%	0%	0%	1%	2%
							grade 4 events	1282	1311	1382	1418	2635	3497
								0%	0%	0%	0%	1%	2%
							grade 5 events	3150	3074	3012	3710	6504	8582
								1%	1%	1%	1%	4%	6%
							grade 6 events	3523	4077	3251	3495	31029	26650
								2%	2%	1%	1%	19%	19%
							grade 7 events	141722	172267	176959	165935	81266	77957
								86%	87%	88%	87%	51%	56%

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	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	129.9014195874482	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-13.94235887645858	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	238.1839952448466	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-0.68282252473119	-0.68282252473119			
[mm] SIM defocus	0.8505140384245534	0.8505140384245534			
SIM translation stage pos (mm)	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	581694041.86924	581694041.86924			
Observation start date	2016-06-07T13:40:42	2016-06-07T13:40:41			
[s] Observation end time (MET)	581703591.438237	581703591.438237			
Observation end date	2016-06-07T16:19:51	2016-06-07T16:19:51			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2016.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.9742650741339

A.2 Comments