

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52551 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 14 2014

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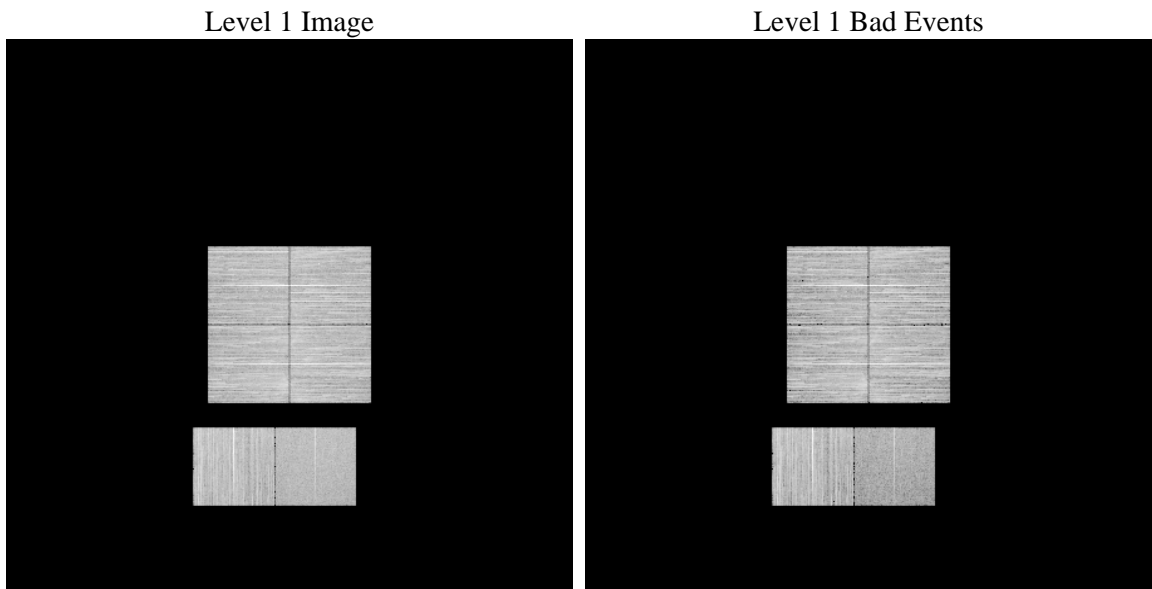
1 Front

seq_num	 	Sequence number
obs_id	52551	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	333.75437106958	Nominal RA [deg]
dec_nom	-9.0756764871816	Nominal Dec [deg]
roll_nom	117.97724410372	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8054.0130254626	Sum of GTIs [s]
livetime	7952.0282629898	Livetime [s]
ontime0	8053.9719854593	Sum of GTIs [s]
ontime1	8053.930945456	Sum of GTIs [s]
ontime2	8053.8899054527	Sum of GTIs [s]
ontime3	8054.0540654659	Sum of GTIs [s]
ontime6	8053.8488654494	Sum of GTIs [s]
ontime7	8054.0130254626	Sum of GTIs [s]
l2events	175060	Number of level 2 events

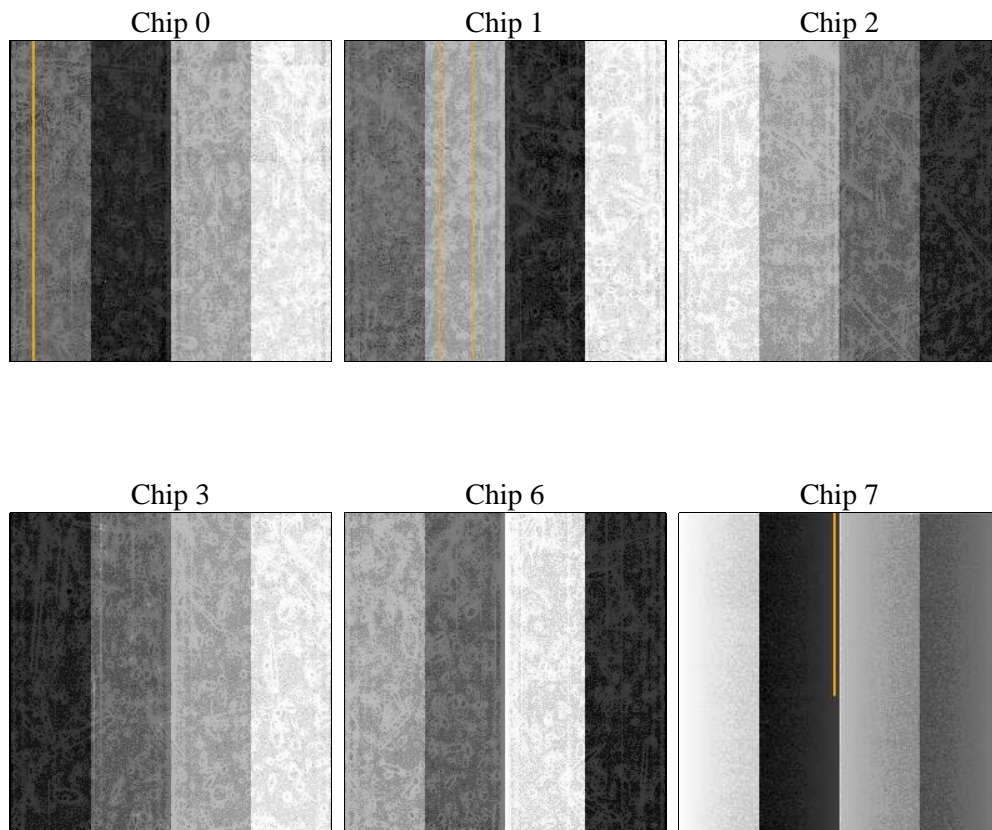
2 OBI

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	10.2.4	Processing system revision	ontime	8054.0130254626	Sum of GTIs [s]
caldbver	4.6.2	 	ontime0	8053.9719854593	Sum of GTIs [s]
date	2014-08-14T15:11:04	Date and time of file creation	ontime1	8053.930945456	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8053.8899054527	Sum of GTIs [s]
			ontime3	8054.0540654659	Sum of GTIs [s]
			ontime6	8053.8488654494	Sum of GTIs [s]
			ontime7	8054.0130254626	Sum of GTIs [s]
			l1events	874341	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	143786	151649	150860	152113	155702	120231	grade 0 events	13658	13190	13967	13833	13868	7560
rejected events	117236	124900	124569	125611	127770	68387		9%	8%	9%	9%	8%	6%
rejected %	81%	82%	82%	82%	82%	56%	grade 1 events	77	61	72	80	61	76
								0%	0%	0%	0%	0%	0%
							grade 2 events	5746	5888	5306	5198	5891	13162
								3%	3%	3%	3%	3%	10%
							grade 3 events	1886	1927	1834	1925	1881	4383
								1%	1%	1%	1%	1%	3%
							grade 4 events	1698	1812	1838	2004	1872	4331
								1%	1%	1%	1%	1%	3%
							grade 5 events	2787	2943	2627	3119	2919	7582
								1%	1%	1%	2%	1%	6%
							grade 6 events	4535	4879	4328	4463	5432	24166
								3%	3%	2%	2%	3%	20%
							grade 7 events	113399	120949	120888	121491	123778	58971
								78%	79%	80%	79%	79%	49%

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	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	333.7543710695754	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-9.075676487181573	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	117.9772441037233	[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)	524344492.515905	524344492.515905			
Observation start date	2014-08-13T19:14:53	2014-08-13T19:14:52			
[s] Observation end time (MET)	524354039.387605	524354039.387605			
Observation end date	2014-08-13T21:53:59	2014-08-13T21:53:59			
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)	2014.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0540130254626

A.2 Comments