

V&V Reference Report

L2 ASCDS Version : 10.4.2.1

Observation 51465 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 30 2015

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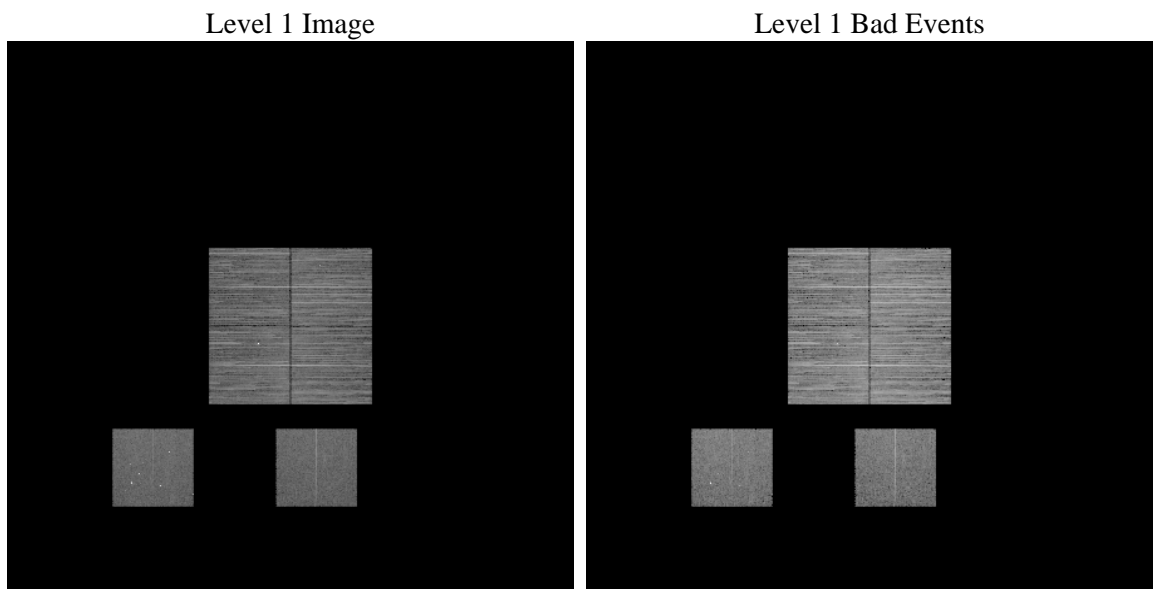
1 Front

seq_num	 	Sequence number
obs_id	51465	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	63.871004135843	Nominal RA [deg]
dec_nom	19.595716281103	Nominal Dec [deg]
roll_nom	241.99151573152	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6483.2000966072	Sum of GTIs [s]
livetime	6401.1059132695	Livetime [s]
ontime0	6483.2000966072	Sum of GTIs [s]
ontime1	6483.2000966072	Sum of GTIs [s]
ontime2	6483.2000966072	Sum of GTIs [s]
ontime3	6483.2000966072	Sum of GTIs [s]
ontime5	6483.2000966072	Sum of GTIs [s]
ontime7	6483.2000966072	Sum of GTIs [s]
l2events	138701	Number of level 2 events

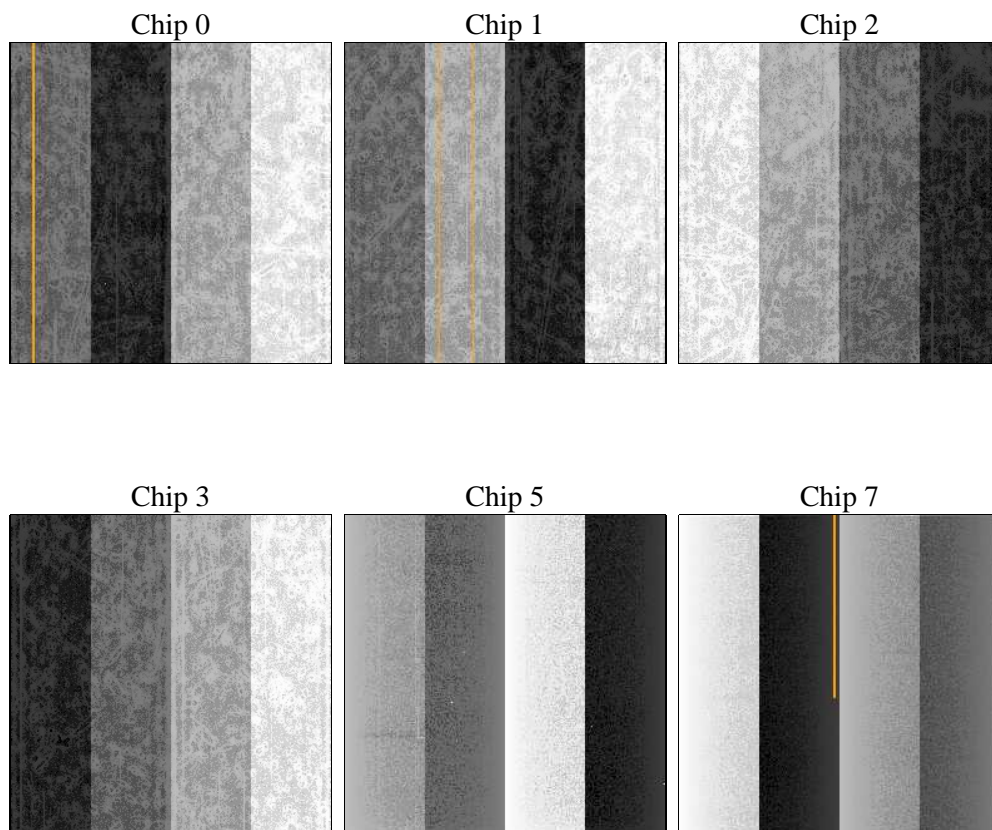
2 OBI

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	10.4.2.1	Processing system revision	ontime	6483.2000966072	Sum of GTIs [s]
caldbver	4.6.10a	 	ontime0	6483.2000966072	Sum of GTIs [s]
date	2015-11-30T21:21:22	Date and time of file creation	ontime1	6483.2000966072	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	6483.2000966072	Sum of GTIs [s]
			ontime3	6483.2000966072	Sum of GTIs [s]
			ontime5	6483.2000966072	Sum of GTIs [s]
			ontime7	6483.2000966072	Sum of GTIs [s]
			l1events	791926	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	127303	152708	147125	141901	118838	104051	grade 0 events	7572	7389	13888	8125	9033	4269
rejected events	111378	136211	125315	125478	69607	65131		5%	4%	9%	5%	7%	4%
rejected %	87%	89%	85%	88%	58%	62%	grade 1 events	51	49	119	56	168	77
								0%	0%	0%	0%	0%	0%
							grade 2 events	3745	4303	3648	3594	16480	10085
								2%	2%	2%	2%	13%	9%
							grade 3 events	1195	1142	1204	1259	1300	2952
								0%	0%	0%	0%	1%	2%
							grade 4 events	1088	1130	1152	1257	1174	2820
								0%	0%	0%	0%	0%	2%
							grade 5 events	2434	2384	2313	2780	5218	6285
								1%	1%	1%	1%	4%	6%
							grade 6 events	2886	3113	2663	2832	23168	20179
								2%	2%	1%	1%	19%	19%
							grade 7 events	108332	133198	122138	121998	62297	57384
								85%	87%	83%	85%	52%	55%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	63.87100413584347
[deg] Pointing Dec	0	19.5957162811032
[deg] Pointing Roll	0.0	241.9915157315153
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)	565244096.846481	565244096.846481
Observation start date	2015-11-30T04:14:57	2015-11-30T04:14:56
[s] Observation end time (MET)	565253644.984153	565253644.984153
Observation end date	2015-11-30T06:54:05	2015-11-30T06:54:04
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.12.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.4832000966072

A.2 Comments