

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61397 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 28 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Star Slots	6
2.4	FID Slots	6
A	Summary	7
A.1	Status	7
A.2	Comments	7

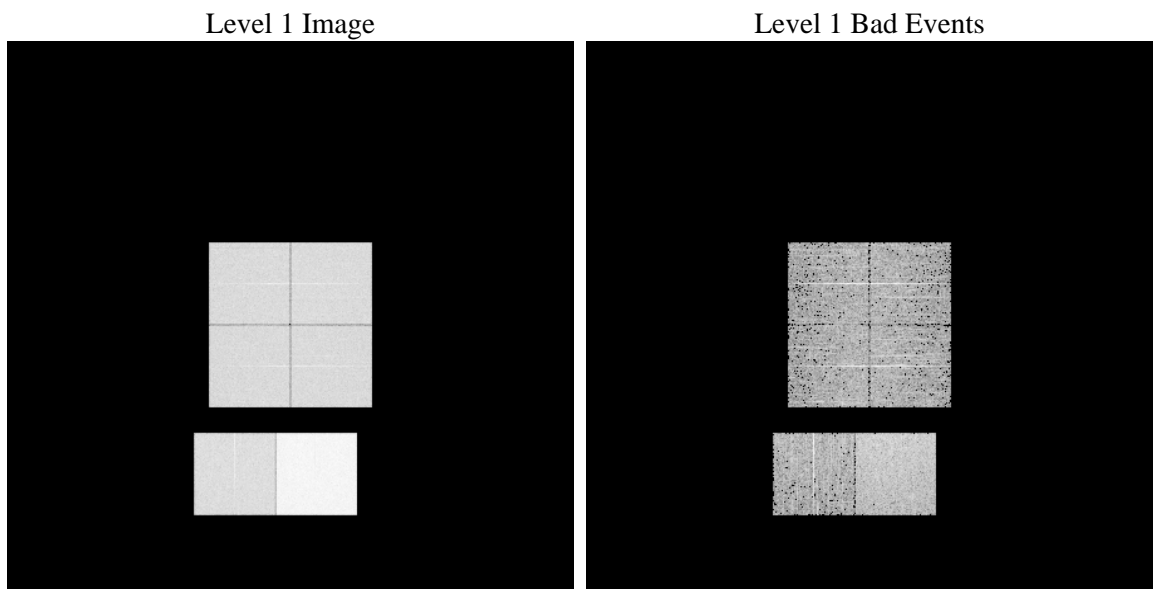
1 Front

seq_num	 	Sequence number
obs_id	61397	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	299.06129692926	Nominal RA [deg]
dec_nom	62.993278592528	Nominal Dec [deg]
roll_nom	313.62472203404	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7408.4596697837	Sum of GTIs [s]
livetime	7314.6492926061	Livetime [s]
ontime0	2910.4496663362	Sum of GTIs [s]
ontime1	2994.1692464948	Sum of GTIs [s]
ontime2	2813.2189746648	Sum of GTIs [s]
ontime3	2786.866414994	Sum of GTIs [s]
ontime6	3081.5943791419	Sum of GTIs [s]
ontime7	7408.4596697837	Sum of GTIs [s]
l2events	1219757	Number of level 2 events

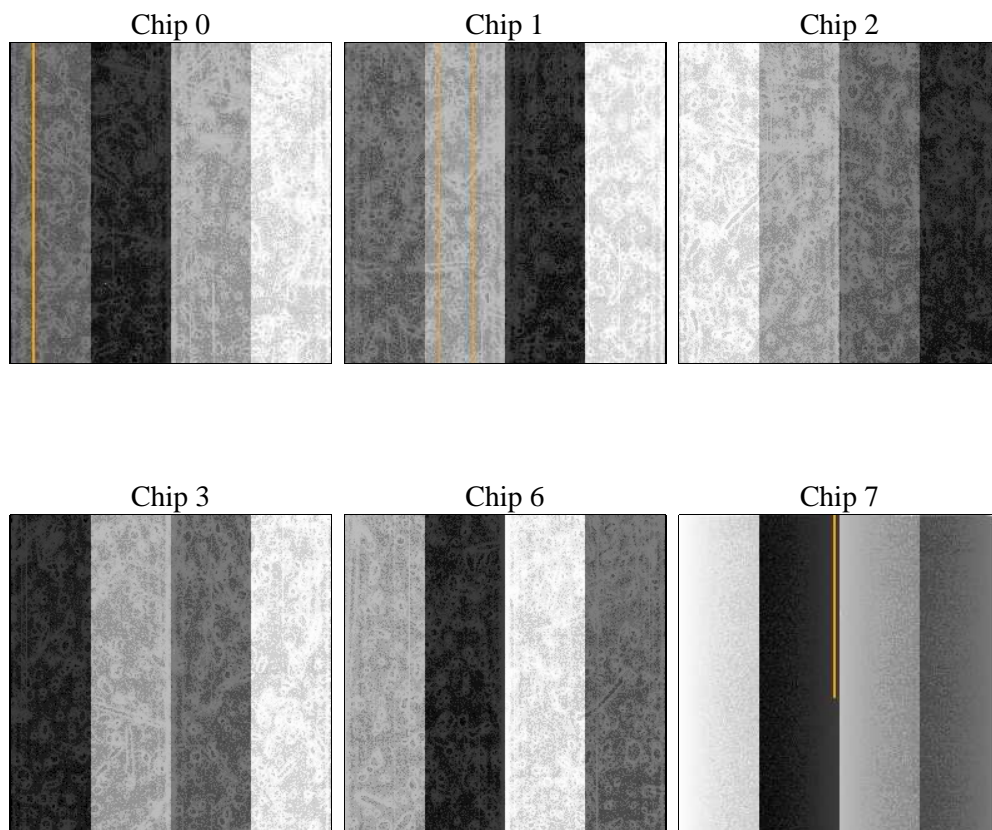
2 OBI

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	8.4.5	Processing system revision	ontime	7408.4596697837	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	2910.4496663362	Sum of GTIs [s]
date	2012-09-28T09:51:17	Date and time of file creation	ontime1	2994.1692464948	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2813.2189746648	Sum of GTIs [s]
			ontime3	2786.866414994	Sum of GTIs [s]
			ontime6	3081.5943791419	Sum of GTIs [s]
			ontime7	7408.4596697837	Sum of GTIs [s]
			l1events	1418180	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	184417	189419	180766	181713	206090	475775	grade 0 events	90205	92930	88774	89588	99535	110806
rejected events	20456	20966	20987	21695	23495	39835		48%	49%	49%	49%	48%	23%
rejected %	11%	11%	11%	11%	11%	8%	grade 1 events	487	463	450	465	471	307
								0%	0%	0%	0%	0%	0%
							grade 2 events	29158	29840	27972	27907	31809	96661
								15%	15%	15%	15%	15%	20%
							grade 3 events	10402	10533	10179	9876	11378	44706
								5%	5%	5%	5%	5%	9%
							grade 4 events	10373	10711	10215	10244	11170	44199
								5%	5%	5%	5%	5%	9%
							grade 5 events	1453	1467	1443	1471	1737	8149
								0%	0%	0%	0%	0%	1%
							grade 6 events	23823	24439	22639	22403	28703	139568
								12%	12%	12%	12%	13%	29%
							grade 7 events	18516	19036	19094	19759	21287	31379
								10%	10%	10%	10%	10%	6%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	299.0612969292598	Alternating exposures requested	N	N
[deg] Pointing Dec	0	62.99327859252791	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	313.6247220340365			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	123588831.287	123588830.51849			
Observation start date	2001-12-01T10:13:51	2001-12-01T10:13:50			
[s] Observation end time (MET)	123625382.788	123625382.01996			
Observation end date	2001-12-01T20:23:03	2001-12-01T20:23:02			
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)	2012.09.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.4084596697837

A.2 Comments