

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62851 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 12 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

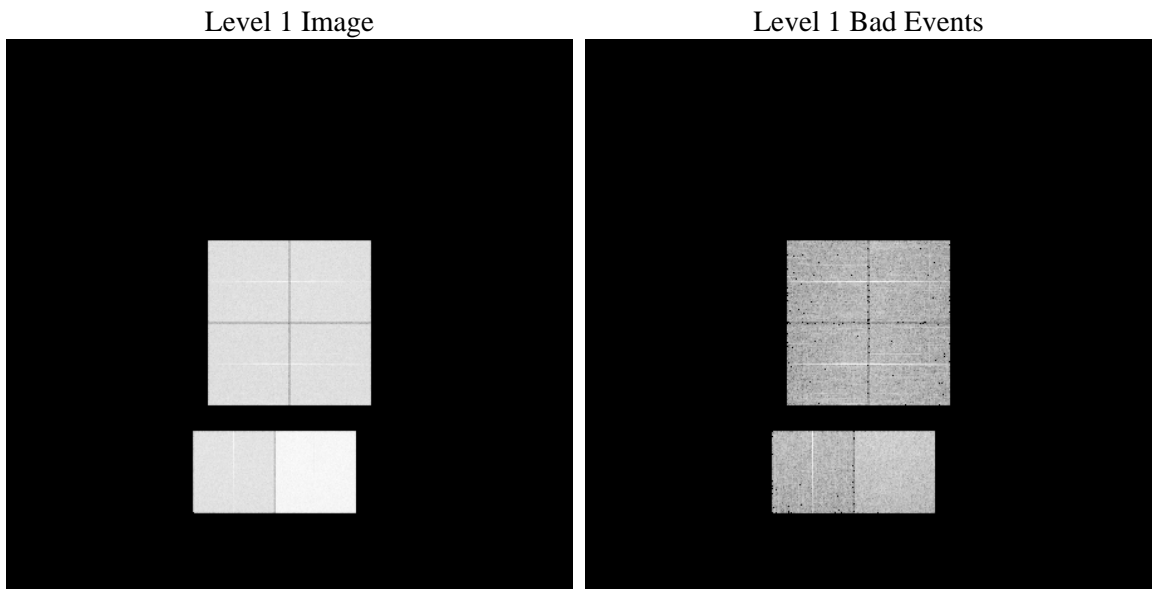
1 Front

seq_num	 	Sequence number
obs_id	62851	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	67.905457018043	Nominal RA [deg]
dec_nom	-5.0676875531026	Nominal Dec [deg]
roll_nom	120.65496835469	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10846.894554645	Sum of GTIs [s]
livetime	10709.544644578	Livetime [s]
ontime0	4880.9937049747	Sum of GTIs [s]
ontime1	5043.0442691743	Sum of GTIs [s]
ontime2	4686.5334089994	Sum of GTIs [s]
ontime3	4786.329371959	Sum of GTIs [s]
ontime6	5224.5386513174	Sum of GTIs [s]
ontime7	10846.894554645	Sum of GTIs [s]
l2events	1680916	Number of level 2 events

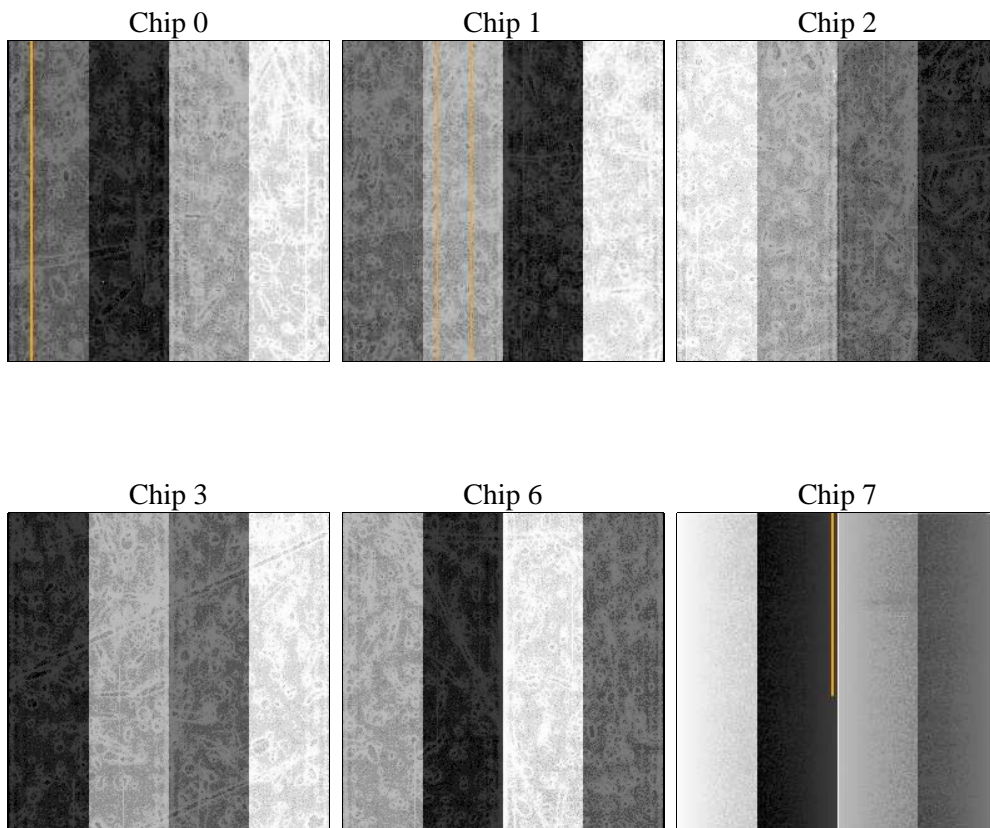
2 OBI

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	8.4.5	Processing system revision	ontime	10846.894554645	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	4880.9937049747	Sum of GTIs [s]
date	2012-10-12T00:48:23	Date and time of file creation	ontime1	5043.0442691743	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4686.5334089994	Sum of GTIs [s]
			ontime3	4786.329371959	Sum of GTIs [s]
			ontime6	5224.5386513174	Sum of GTIs [s]
			ontime7	10846.894554645	Sum of GTIs [s]
			l1events	1996399	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	270241	279164	264703	270271	303602	608418	grade 0 events	130260	134952	127974	130674	144979	138520
rejected events	34849	35829	35891	36446	38345	60979		48%	48%	48%	48%	47%	22%
rejected %	12%	12%	13%	13%	12%	10%	grade 1 events	697	693	616	669	674	390
								0%	0%	0%	0%	0%	0%
							grade 2 events	41845	43310	40215	41425	46273	121639
								15%	15%	15%	15%	15%	19%
							grade 3 events	14999	15476	14290	15194	16487	55328
								5%	5%	5%	5%	5%	9%
							grade 4 events	14825	15378	14424	14917	16571	55640
								5%	5%	5%	5%	5%	9%
							grade 5 events	2398	2478	2249	2516	2813	11490
								0%	0%	0%	0%	0%	1%
							grade 6 events	34730	35803	33335	32908	42392	179409
								12%	12%	12%	12%	13%	29%
							grade 7 events	30487	31074	31600	31968	33413	46002
								11%	11%	11%	11%	11%	7%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	67.90545701804336
[deg] Pointing Dec	0	-5.067687553102634
[deg] Pointing Roll	0.0	120.6549683546873
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-233.592463	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	143375471.296	143375470.27081
Observation start date	2002-07-18T10:31:11	2002-07-18T10:31:10
[s] Observation end time (MET)	143388244.846	143388243.82133
Observation end date	2002-07-18T14:04:05	2002-07-18T14:04:03
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.846894554645

A.2 Comments