

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 59785 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: Feb 25 2006

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	Aspect	6
2.4	Star Slots	8
2.5	FID Slots	8
A	Summary	9
A.1	Status	9
A.2	Comments	9

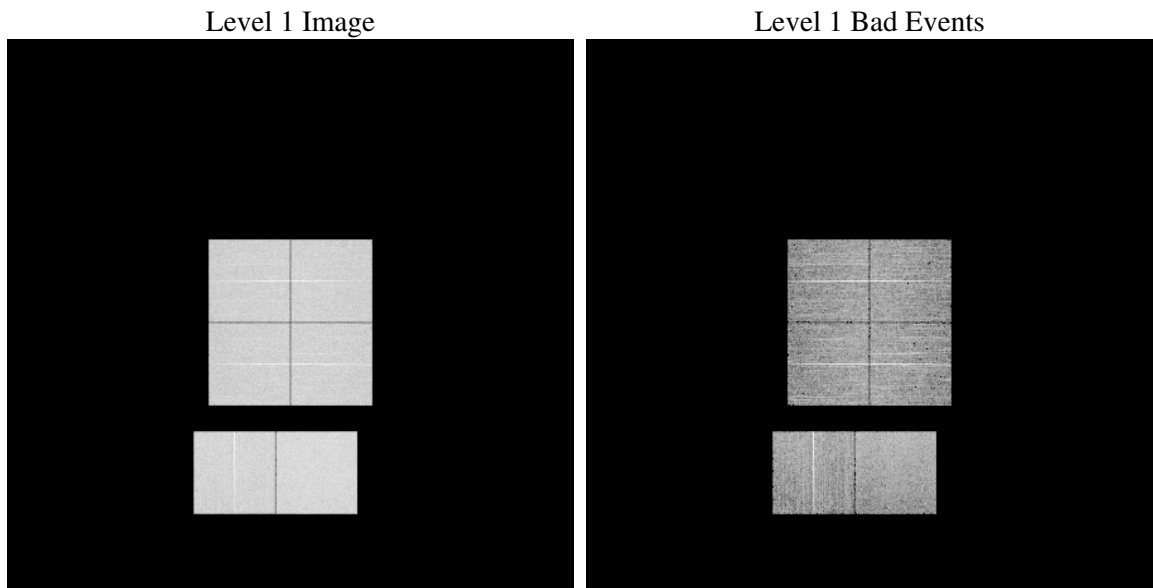
1 Front

seq_num	
obs_id	59785
title	ACIS-012367 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	164.98388885018
dec_nom	17.011527167027
roll_nom	128.03203908255
revision	2
ontime	7803.1859446764
livetime	7704.3773057304
ontime0	6908.7196829319
ontime1	7022.1944444776
ontime2	6688.4158533216
ontime3	6830.8544552624
ontime6	7168.1201675534
ontime7	7803.1859446764
l2events	1053482

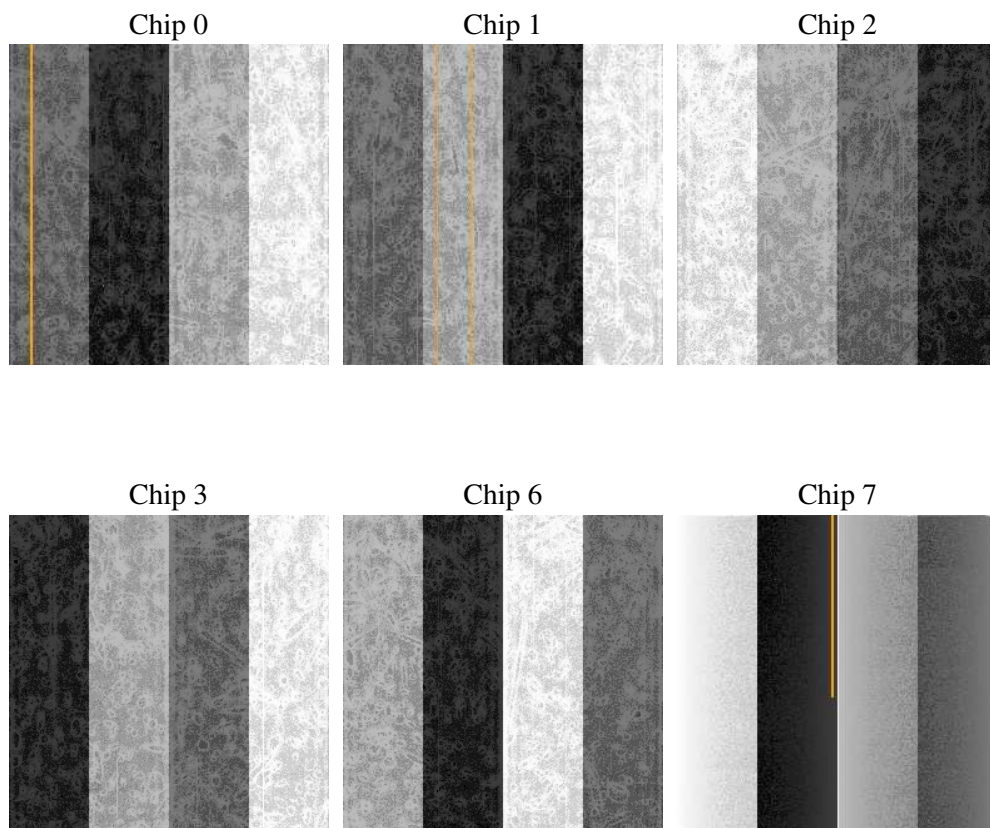
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-25T16:43:07
revision	2

sched_exp_time	0.0
ontime	7804.3356430829
ontime0	6909.8283413351
ontime1	7023.2620628774
ontime2	6689.4424317181
ontime3	6832.0451936722
ontime6	7169.1057059765
ontime7	7804.3356430829
l1events	1408275

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	223246	225708	220829	226409	243496	268587
rejected events	46716	47105	48336	49884	51813	56895
rejected %	20%	20%	21%	22%	21%	21%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	97095	97398	96666	99061	103697	34984
	43%	43%	43%	43%	42%	13%
grade 1 events	546	481	561	563	483	101
	0%	0%	0%	0%	0%	0%
grade 2 events	30917	32058	29098	30111	33341	64757
	13%	14%	13%	13%	13%	24%
grade 3 events	11313	11452	11247	11580	12094	14583
	5%	5%	5%	5%	4%	5%
grade 4 events	11436	11418	11226	11528	11971	14426
	5%	5%	5%	5%	4%	5%
grade 5 events	3011	3022	2753	3254	3479	6570
	1%	1%	1%	1%	1%	2%
grade 6 events	25769	26277	24256	24245	30580	82942
	11%	11%	10%	10%	12%	30%
grade 7 events	43159	43602	45022	46067	47851	50224
	19%	19%	20%	20%	19%	18%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
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
Pointing RA	0	164.9838888501822	Alternating exposures requested	N	N
Pointing Dec	0	17.01152716702701	Primary exposure time	3.2	3.2
Pointing Roll	0.0	128.0320390825538			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	225486291.693038	225486290.66804			
Observation start date	2005-02-22T19:04:52	2005-02-22T19:04:50			
Observation end time	225499881.143653	225499880.11865			
Observation end date	2005-02-22T22:51:21	2005-02-22T22:51:20			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.02.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.80318594

A.2 Comments