

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56344 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 23 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

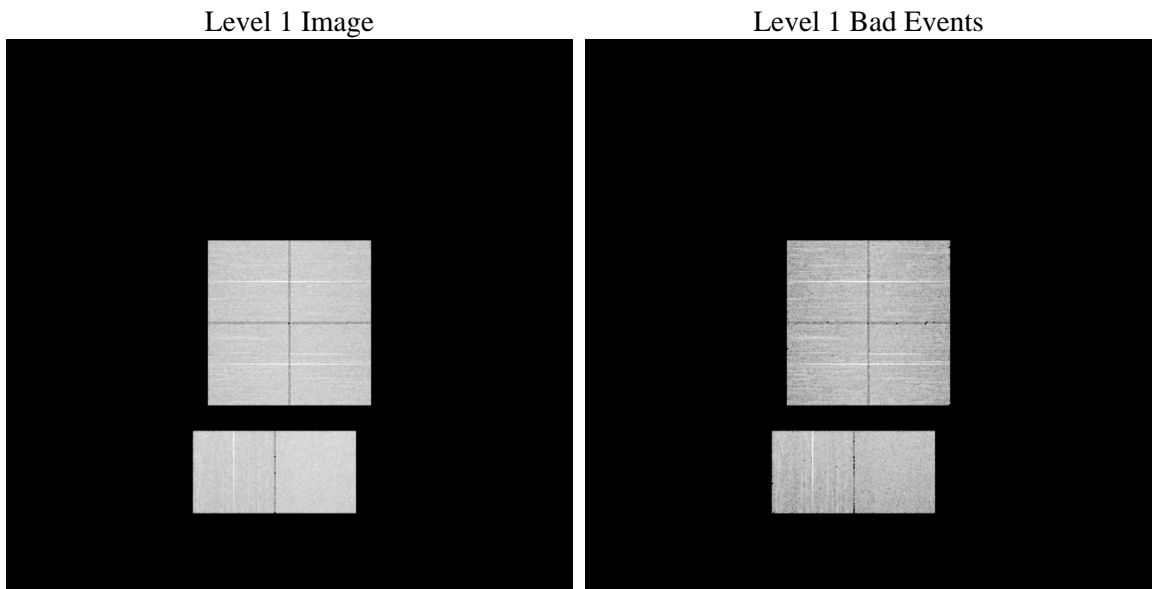
1 Front

seq_num	 	Sequence number
obs_id	56344	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	195.02900047699	Nominal RA [deg]
dec_nom	-30.985567223346	Nominal Dec [deg]
roll_nom	357.24571911253	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8460.7999685407	Sum of GTIs [s]
livetime	8353.6642248569	Livetime [s]
ontime0	8460.7999685407	Sum of GTIs [s]
ontime1	8460.7999685407	Sum of GTIs [s]
ontime2	8460.7999685407	Sum of GTIs [s]
ontime3	8460.7999685407	Sum of GTIs [s]
ontime6	8460.7999685407	Sum of GTIs [s]
ontime7	8460.7999685407	Sum of GTIs [s]
l2events	402988	Number of level 2 events

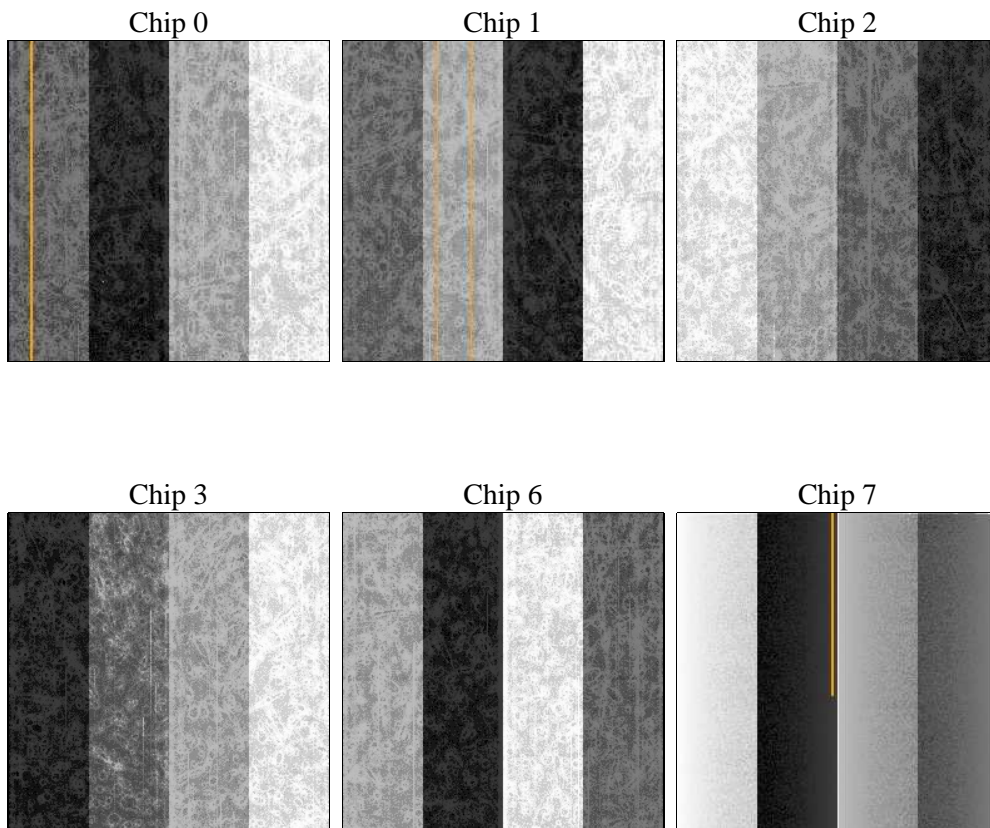
2 OBI

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	8460.7999685407	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8460.7999685407	Sum of GTIs [s]
date	2012-06-23T21:14:56	Date and time of file creation	ontime1	8460.7999685407	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8460.7999685407	Sum of GTIs [s]
			ontime3	8460.7999685407	Sum of GTIs [s]
			ontime6	8460.7999685407	Sum of GTIs [s]
			ontime7	8460.7999685407	Sum of GTIs [s]
			l1events	833707	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	129400	130268	134293	135620	137669	166457	grade 0 events	34412	33159	35201	35354	33708	17013
rejected events	64523	64479	69823	70713	70776	67432		26%	25%	26%	26%	24%	10%
rejected %	49%	49%	51%	52%	51%	40%	grade 1 events	227	184	253	233	186	126
								0%	0%	0%	0%	0%	0%
							grade 2 events	12086	13508	10870	11293	13467	21660
								9%	10%	8%	8%	9%	13%
							grade 3 events	4389	4234	4437	4406	4248	8688
								3%	3%	3%	3%	3%	5%
							grade 4 events	4277	4259	4430	4421	4092	8587
								3%	3%	3%	3%	2%	5%
							grade 5 events	3698	3894	3585	4090	3863	10226
								2%	2%	2%	3%	2%	6%
							grade 6 events	9713	10629	9532	9433	11378	43077
								7%	8%	7%	6%	8%	25%
							grade 7 events	60598	60401	65985	66390	66727	57080
								46%	46%	49%	48%	48%	34%

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	195.0290004769932
[deg] Pointing Dec	0	-30.98556722334627
[deg] Pointing Roll	0.0	357.2457191125262
[mm] SIM focus pos	-1.429586	-0.7809083437167272
[mm] SIM defocus	0.1037507710433287	0.7524282956875696
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	387055371.82318	387055370.79819
Observation start date	2010-04-07T19:22:52	2010-04-07T19:22:50
[s] Observation end time (MET)	387065552.123697	387065551.0987
Observation end date	2010-04-07T22:12:32	2010-04-07T22:12:31
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4607999685407

A.2 Comments