

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60500 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 5 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

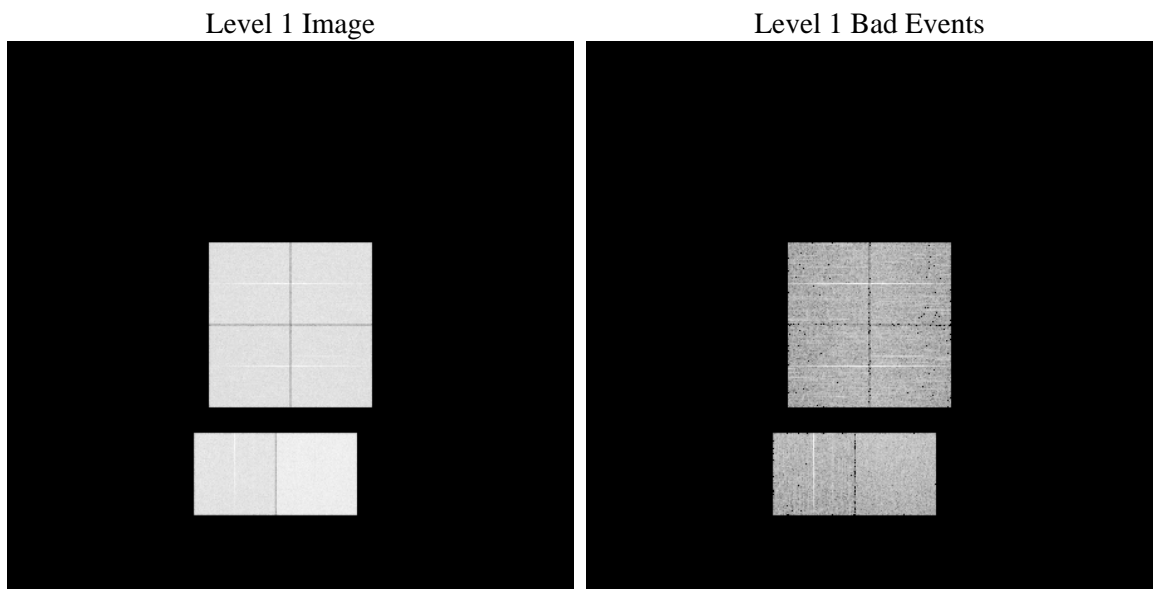
1 Front

seq_num	 	Sequence number
obs_id	60500	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	284.01931512301	Nominal RA [deg]
dec_nom	-23.022419239989	Nominal Dec [deg]
roll_nom	275.53748079517	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8418.8727823496	Sum of GTIs [s]
livetime	8312.2679459429	Livetime [s]
ontime0	5582.9873697758	Sum of GTIs [s]
ontime1	5693.1393176913	Sum of GTIs [s]
ontime2	5304.1819367707	Sum of GTIs [s]
ontime3	5415.7420153618	Sum of GTIs [s]
ontime6	5887.5154920816	Sum of GTIs [s]
ontime7	8418.8727823496	Sum of GTIs [s]
l2events	1257271	Number of level 2 events

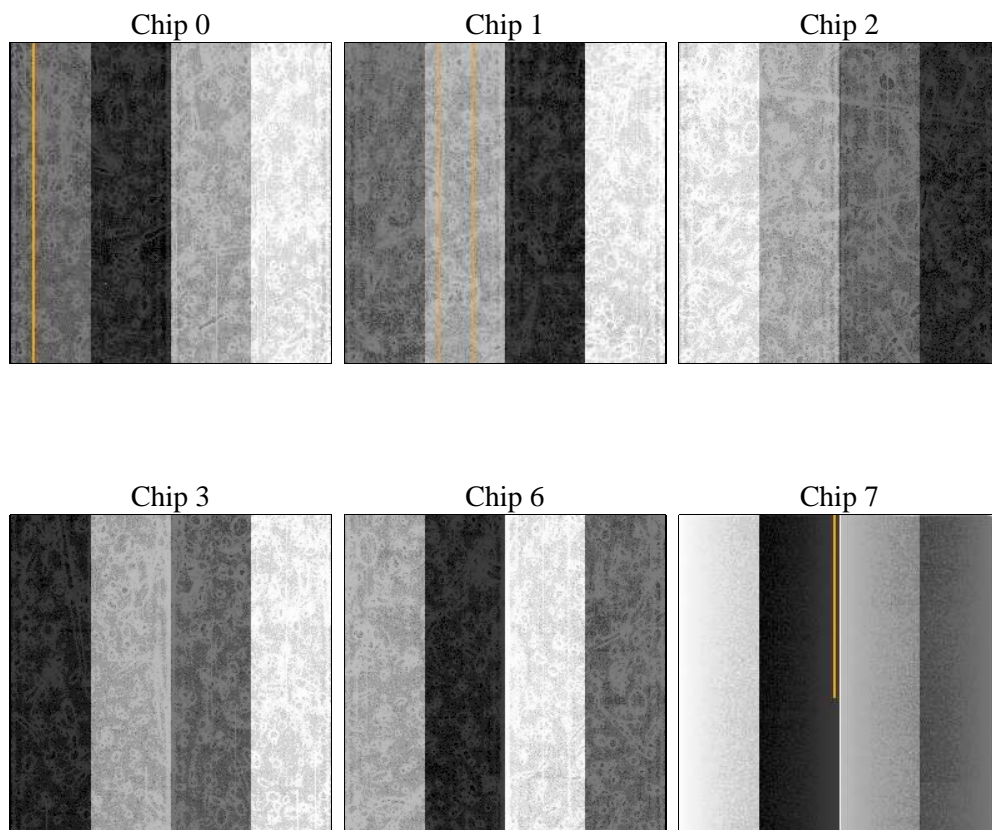
2 OBI

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	8418.8727823496	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	5582.9873697758	Sum of GTIs [s]
date	2012-11-06T01:33:11	Date and time of file creation	ontime1	5693.1393176913	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5304.1819367707	Sum of GTIs [s]
			ontime3	5415.7420153618	Sum of GTIs [s]
			ontime6	5887.5154920816	Sum of GTIs [s]
			ontime7	8418.8727823496	Sum of GTIs [s]
			l1events	1538166	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	231504	237612	223914	230586	255716	358834	grade 0 events	109170	111835	106996	109960	119343	78819
rejected events	34562	35505	33698	36395	37185	43892		47%	47%	47%	47%	46%	21%
rejected %	14%	14%	15%	15%	14%	12%	grade 1 events	546	453	608	626	527	224
								0%	0%	0%	0%	0%	0%
							grade 2 events	34608	35779	32403	33168	38054	70087
								14%	15%	14%	14%	14%	19%
							grade 3 events	12651	13002	12526	12842	13785	31683
								5%	5%	5%	5%	5%	8%
							grade 4 events	12863	12920	12366	12734	13612	31352
								5%	5%	5%	5%	5%	8%
							grade 5 events	2333	2369	2146	2337	2694	7890
								1%	0%	0%	1%	1%	2%
							grade 6 events	28785	29566	26950	26636	34944	104634
								12%	12%	12%	11%	13%	29%
							grade 7 events	30548	31688	29919	32283	32757	34145
								13%	13%	13%	14%	12%	9%

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	284.0193151230137
[deg] Pointing Dec	0	-23.0224192399895
[deg] Pointing Roll	0.0	275.5374807951699
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	183257370.173191	183257369.14847
Observation start date	2003-10-23T00:49:30	2003-10-23T00:49:29
[s] Observation end time (MET)	183280129.27417	183280128.24945
Observation end date	2003-10-23T07:08:49	2003-10-23T07:08:48
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4188727823496

A.2 Comments