

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60330 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 13 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

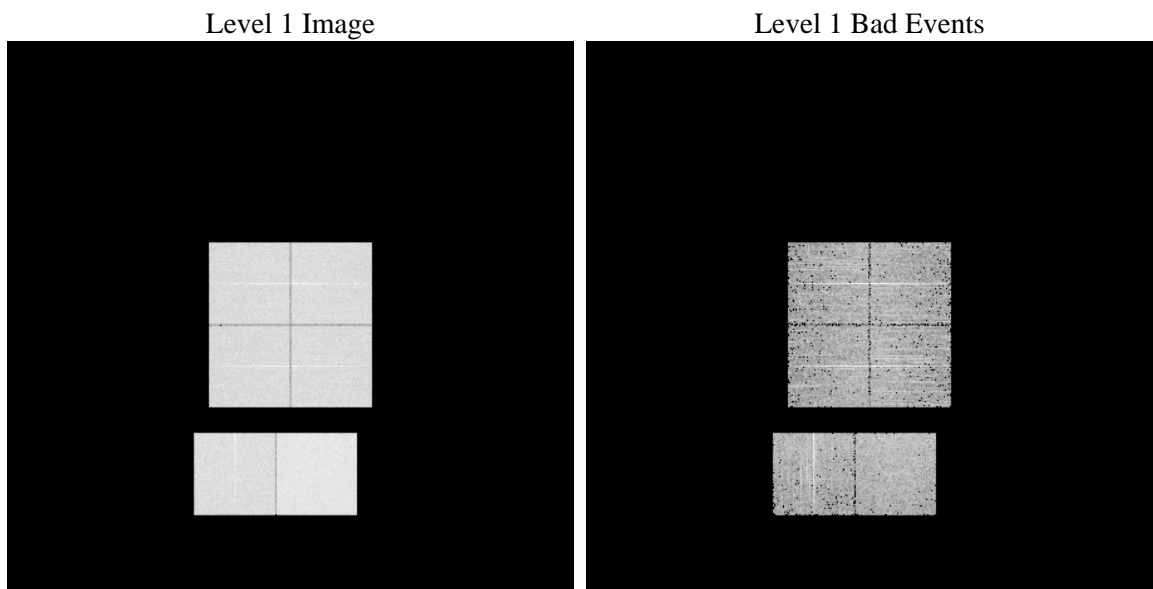
1 Front

seq_num	 	Sequence number
obs_id	60330	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	169.03042533907	Nominal RA [deg]
dec_nom	-19.99960197763	Nominal Dec [deg]
roll_nom	327.91294352157	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5124.0224549472	Sum of GTIs [s]
livetime	5059.1389973068	Livetime [s]
ontime0	3736.8891557455	Sum of GTIs [s]
ontime1	3827.6362233162	Sum of GTIs [s]
ontime2	3552.1535517573	Sum of GTIs [s]
ontime3	3584.5636524856	Sum of GTIs [s]
ontime6	3932.4391106367	Sum of GTIs [s]
ontime7	5124.0224549472	Sum of GTIs [s]
l2events	748256	Number of level 2 events

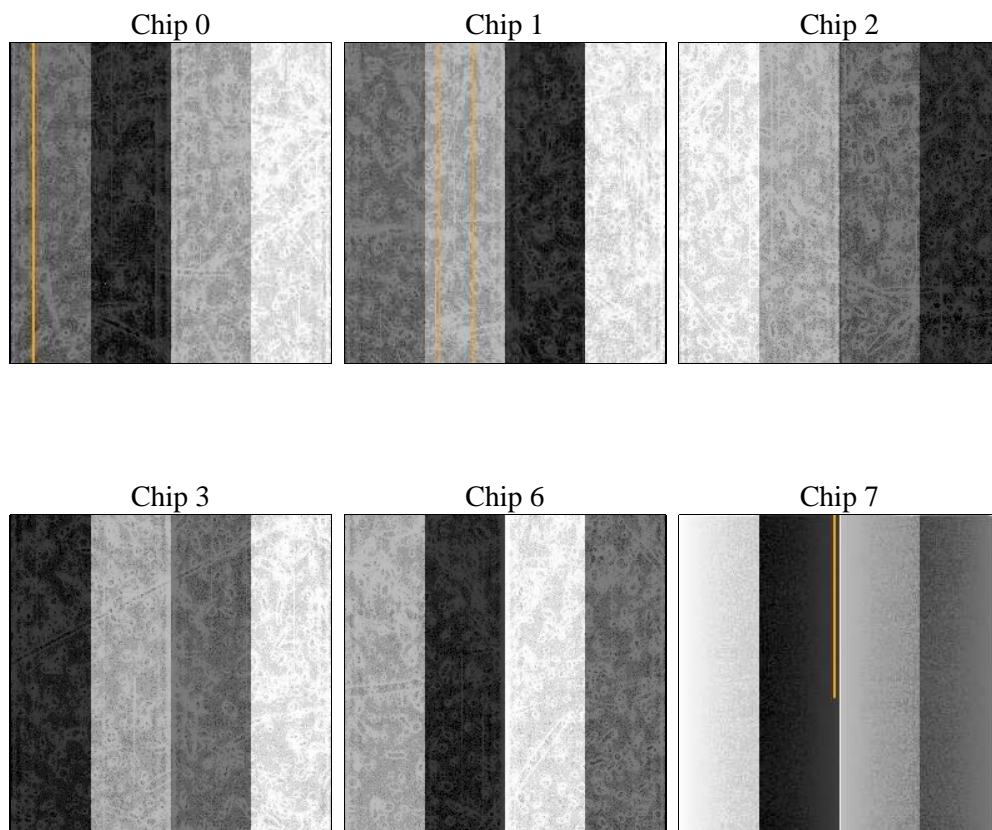
2 OBI

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	5124.0224549472	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3736.8891557455	Sum of GTIs [s]
date	2012-11-13T19:55:18	Date and time of file creation	ontime1	3827.6362233162	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3552.1535517573	Sum of GTIs [s]
			ontime3	3584.5636524856	Sum of GTIs [s]
			ontime6	3932.4391106367	Sum of GTIs [s]
			ontime7	5124.0224549472	Sum of GTIs [s]
			l1events	939822	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	144011	148057	139324	142959	159548	205923	grade 0 events	65662	67364	64734	65557	72008	43517
rejected events	24597	25145	23894	26340	26527	28681		45%	45%	46%	45%	45%	21%
rejected %	17%	16%	17%	18%	16%	13%	grade 1 events	322	307	412	394	373	118
								0%	0%	0%	0%	0%	0%
							grade 2 events	20899	21836	19477	19753	23004	38627
								14%	14%	13%	13%	14%	18%
							grade 3 events	7807	7876	7513	7634	8416	17714
								5%	5%	5%	5%	5%	8%
							grade 4 events	7633	7790	7494	7598	8228	17631
								5%	5%	5%	5%	5%	8%
							grade 5 events	1683	1690	1466	1713	1780	5243
								1%	1%	1%	1%	1%	2%
							grade 6 events	17413	18046	16212	16077	21476	59753
								12%	12%	11%	11%	13%	29%
							grade 7 events	22592	23148	22016	24233	24263	23320
								15%	15%	15%	16%	15%	11%

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	169.0304253390721
[deg] Pointing Dec	0	-19.99960197762976
[deg] Pointing Roll	0.0	327.9129435215652
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	196241293.788797	196241292.7638
Observation start date	2004-03-21T07:28:14	2004-03-21T07:28:12
[s] Observation end time (MET)	196256238.289453	196256237.26446
Observation end date	2004-03-21T11:37:18	2004-03-21T11:37:17
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)	2012.12.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1240224549472

A.2 Comments