

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60210 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jan 15 2013

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

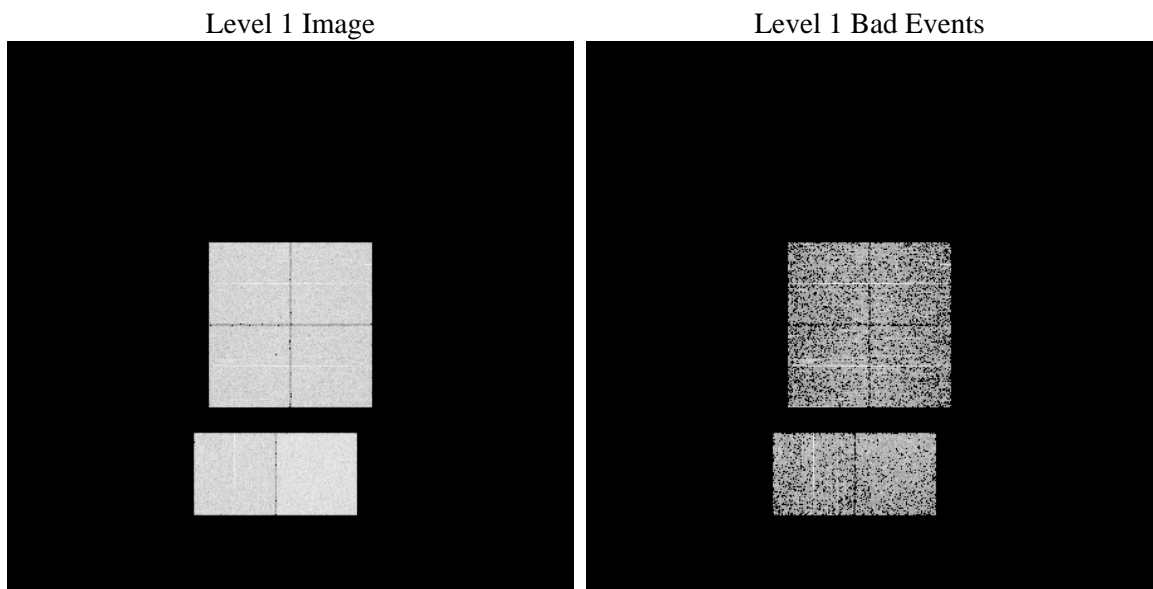
1 Front

seq_num	 	Sequence number
obs_id	60210	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	303.9724227479	Nominal RA [deg]
dec_nom	22.008337673356	Nominal Dec [deg]
roll_nom	127.7140625582	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1839.9999931455	Sum of GTIs [s]
livetime	1816.7008053173	Livetime [s]
ontime0	1360.3371106386	Sum of GTIs [s]
ontime1	1340.8909104168	Sum of GTIs [s]
ontime2	1279.3123857081	Sum of GTIs [s]
ontime3	1318.2042184472	Sum of GTIs [s]
ontime6	1422.2958436906	Sum of GTIs [s]
ontime7	1839.9999931455	Sum of GTIs [s]
l2events	277612	Number of level 2 events

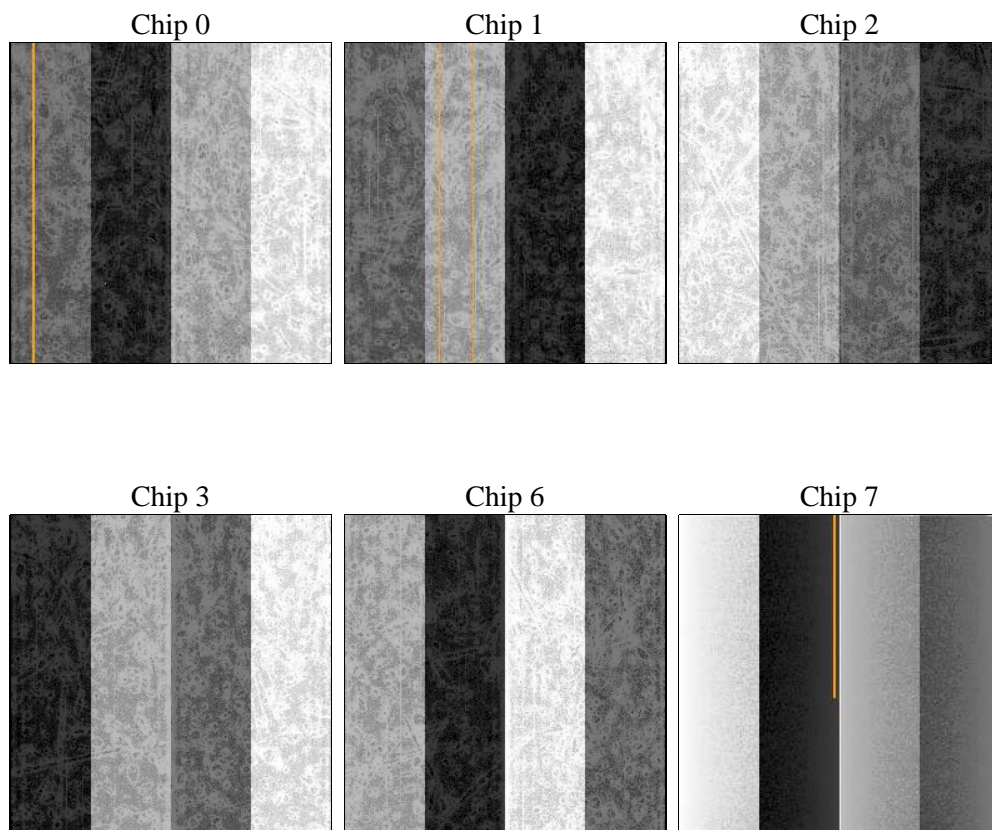
2 OBI

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	8.5.1.1	Processing system revision	ontime	1839.9999931455	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	1360.3371106386	Sum of GTIs [s]
date	2013-01-15T21:45:41	Date and time of file creation	ontime1	1340.8909104168	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	1279.3123857081	Sum of GTIs [s]
			ontime3	1318.2042184472	Sum of GTIs [s]
			ontime6	1422.2958436906	Sum of GTIs [s]
			ontime7	1839.9999931455	Sum of GTIs [s]
			l1events	355004	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	55070	54848	53558	53364	60521	77643
rejected events	10380	9988	10781	9891	11359	11583
rejected %	18%	18%	20%	18%	18%	14%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	24397	24171	23685	24206	26336	16108
	44%	44%	44%	45%	43%	20%
grade 1 events	153	148	156	161	166	38
	0%	0%	0%	0%	0%	0%
grade 2 events	7691	8124	7198	7297	8467	14486
	13%	14%	13%	13%	13%	18%
grade 3 events	2901	2856	2746	2914	3036	6509
	5%	5%	5%	5%	5%	8%
grade 4 events	2866	2802	2807	2807	3031	6400
	5%	5%	5%	5%	5%	8%
grade 5 events	647	652	583	687	773	1931
	1%	1%	1%	1%	1%	2%
grade 6 events	6835	6907	6341	6249	8292	22557
	12%	12%	11%	11%	13%	29%
grade 7 events	9580	9188	10042	9043	10420	9614
	17%	16%	18%	16%	17%	12%

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	303.9724227478994
[deg] Pointing Dec	0	22.00833767335602
[deg] Pointing Roll	0.0	127.7140625582049
[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)	202641248.520828	202641247.49583
Observation start date	2004-06-03T09:14:09	2004-06-03T09:14:07
[s] Observation end time (MET)	202685879.0728	202685878.0478
Observation end date	2004-06-03T21:37:59	2004-06-03T21:37:58
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)	2013.01.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.8399999931455

A.2 Comments