

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61207 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 7 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

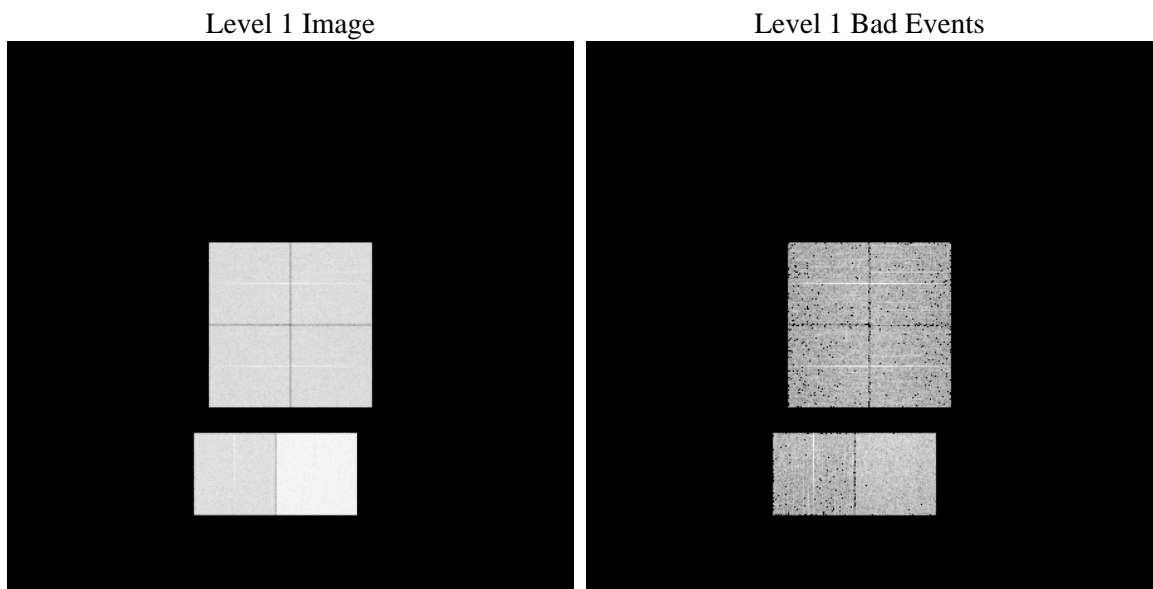
1 Front

seq_num	 	Sequence number
obs_id	61207	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	221.98087369254	Nominal RA [deg]
dec_nom	4.9786463636811	Nominal Dec [deg]
roll_nom	195.42281342685	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7800.7338360548	Sum of GTIs [s]
livetime	7701.9562471847	Livetime [s]
ontime0	3335.0239331126	Sum of GTIs [s]
ontime1	3444.7803374827	Sum of GTIs [s]
ontime2	3250.2786518931	Sum of GTIs [s]
ontime3	3231.3110421896	Sum of GTIs [s]
ontime6	3574.3388907909	Sum of GTIs [s]
ontime7	7800.7338360548	Sum of GTIs [s]
l2events	1227399	Number of level 2 events

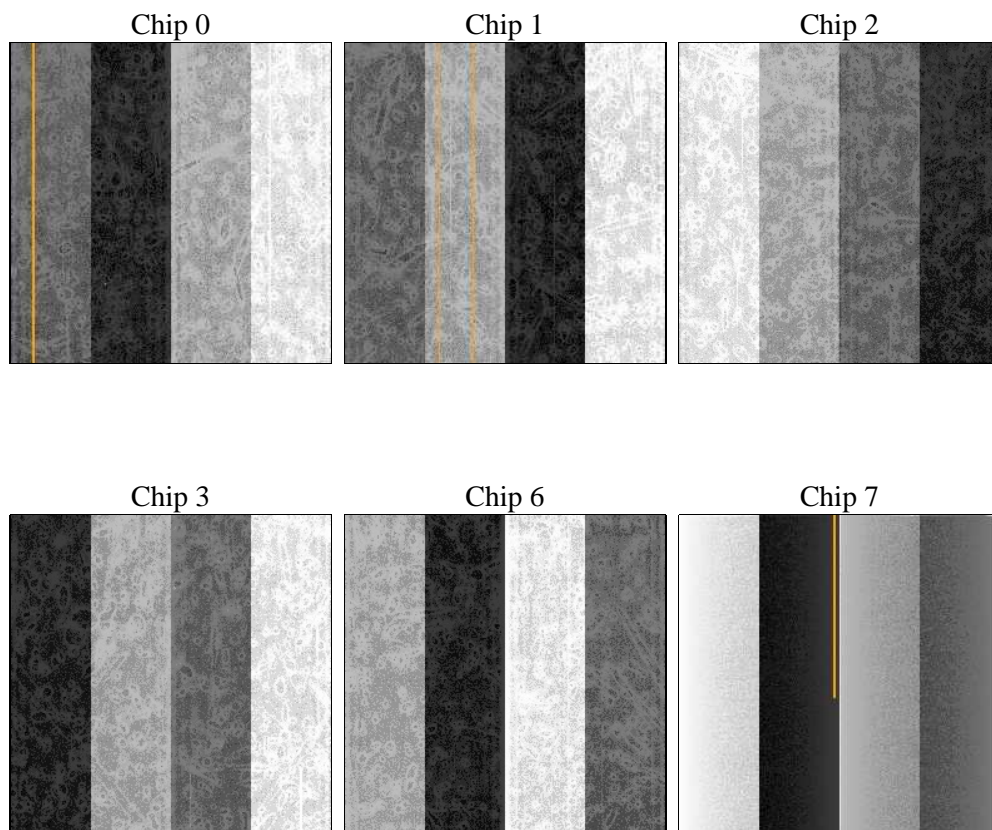
2 OBI

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	7800.7338360548	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3335.0239331126	Sum of GTIs [s]
date	2012-10-07T15:50:57	Date and time of file creation	ontime1	3444.7803374827	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3250.2786518931	Sum of GTIs [s]
			ontime3	3231.3110421896	Sum of GTIs [s]
			ontime6	3574.3388907909	Sum of GTIs [s]
			ontime7	7800.7338360548	Sum of GTIs [s]
			l1events	1440833	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	191499	198408	190132	189889	216166	454739	grade 0 events	92474	96375	92717	92741	103842	104820
rejected events	23121	23878	22982	23971	25699	40965		48%	48%	48%	48%	48%	23%
rejected %	12%	12%	12%	12%	11%	9%	grade 1 events	460	422	456	462	494	276
								0%	0%	0%	0%	0%	0%
							grade 2 events	29622	30923	29308	29222	32881	91326
								15%	15%	15%	15%	15%	20%
							grade 3 events	10804	10987	10638	10706	11799	42016
								5%	5%	5%	5%	5%	9%
							grade 4 events	10651	10917	10440	10357	11873	41626
								5%	5%	5%	5%	5%	9%
							grade 5 events	1719	1721	1545	1750	1906	8162
								0%	0%	0%	0%	0%	1%
							grade 6 events	24827	25328	24047	22892	30072	133986
								12%	12%	12%	12%	13%	29%
							grade 7 events	20942	21735	20981	21759	23299	32527
								10%	10%	11%	11%	10%	7%

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	221.9808736925421
[deg] Pointing Dec	0	4.97864636368106
[deg] Pointing Roll	0.0	195.4228134268499
[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)	137529803.806	137529802.78162
Observation start date	2002-05-11T18:43:24	2002-05-11T18:43:22
[s] Observation end time (MET)	137558755.958	137558754.9328
Observation end date	2002-05-12T02:45:56	2002-05-12T02:45:54
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)	2012.10.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8007338360548

A.2 Comments