

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60751 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 27 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

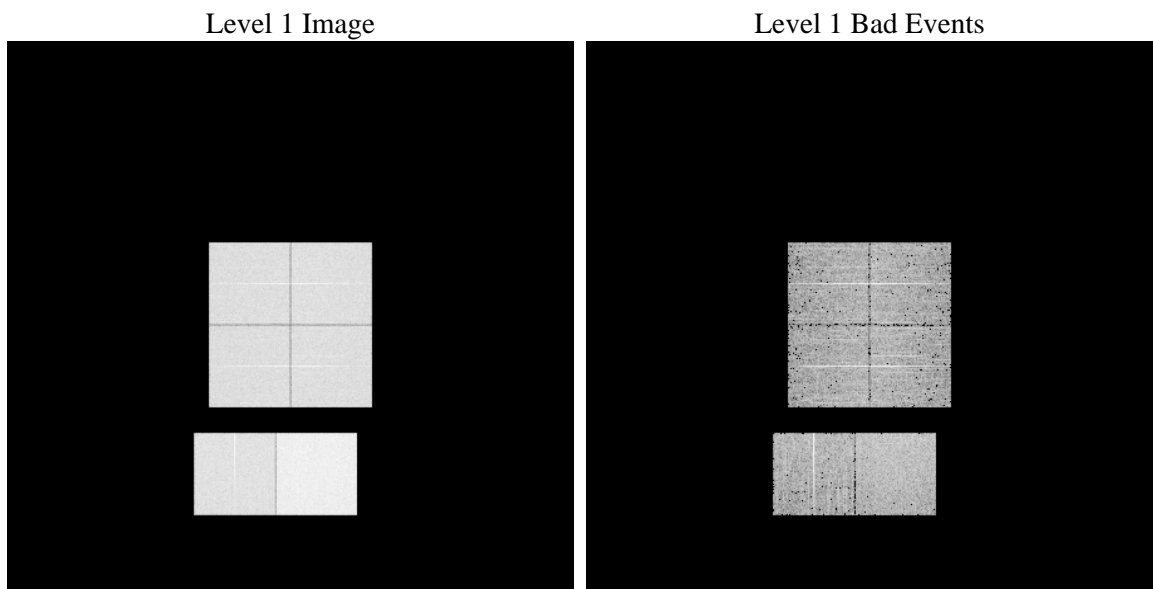
1 Front

seq_num	 	Sequence number
obs_id	60751	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	283.18012938964	Nominal RA [deg]
dec_nom	-17.578600210773	Nominal Dec [deg]
roll_nom	98.649420702001	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7436.7999722958	Sum of GTIs [s]
livetime	7342.6307331432	Livetime [s]
ontime0	4309.2530261278	Sum of GTIs [s]
ontime1	4391.260511905	Sum of GTIs [s]
ontime2	4174.1550080776	Sum of GTIs [s]
ontime3	4222.6051329076	Sum of GTIs [s]
ontime6	4587.9787321985	Sum of GTIs [s]
ontime7	7436.7999722958	Sum of GTIs [s]
l2events	1127529	Number of level 2 events

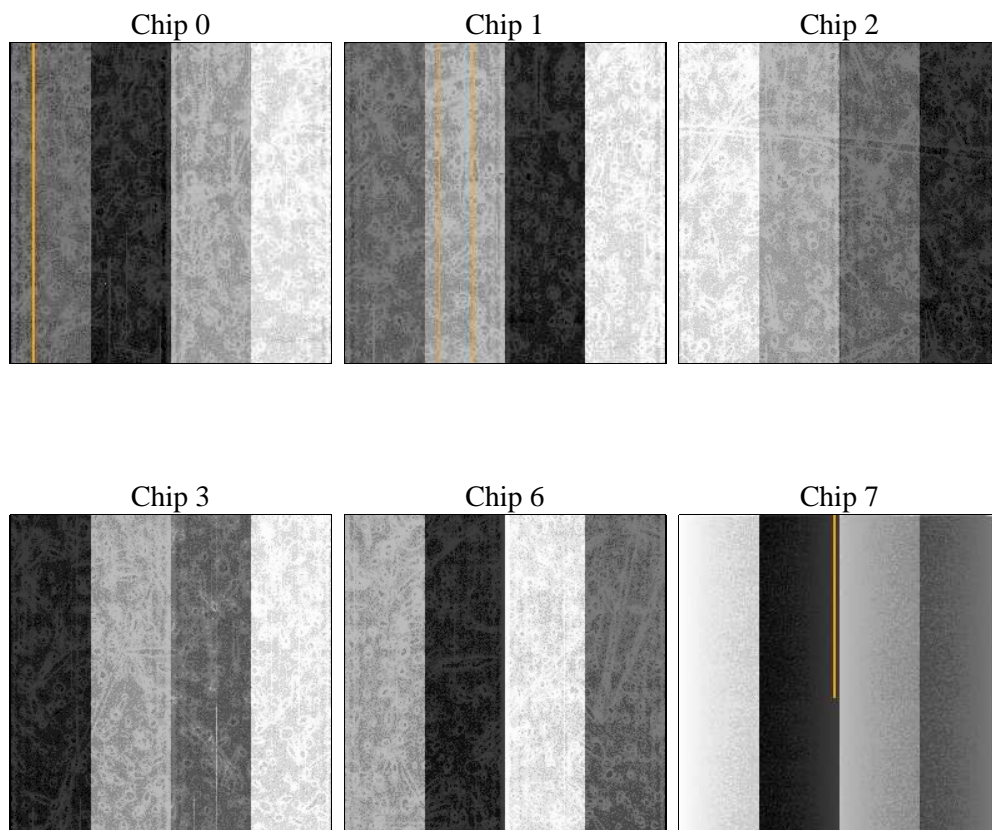
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7436.7999722958	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4309.2530261278	Sum of GTIs [s]
date	2012-10-27T17:55:40	Date and time of file creation	ontime1	4391.260511905	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4174.1550080776	Sum of GTIs [s]
			ontime3	4222.6051329076	Sum of GTIs [s]
			ontime6	4587.9787321985	Sum of GTIs [s]
			ontime7	7436.7999722958	Sum of GTIs [s]
			l1events	1358258	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	196239	201374	193190	197964	220732	348759	grade 0 events	93357	95529	93487	95216	104474	78016
rejected events	26585	27542	27237	28657	30245	38370		47%	47%	48%	48%	47%	22%
rejected %	13%	13%	14%	14%	13%	11%	grade 1 events	518	457	530	535	466	200
								0%	0%	0%	0%	0%	0%
							grade 2 events	29460	30922	27570	29145	32767	68978
								15%	15%	14%	14%	14%	19%
							grade 3 events	11055	10996	10900	10897	11681	31638
								5%	5%	5%	5%	5%	9%
							grade 4 events	11162	11102	10999	10952	11908	31210
								5%	5%	5%	5%	5%	8%
							grade 5 events	1897	1904	1816	1970	2137	7389
								0%	0%	0%	0%	0%	2%
							grade 6 events	24620	25283	22997	23097	29657	100547
								12%	12%	11%	11%	13%	28%
							grade 7 events	24170	25181	24891	26152	27642	30781
								12%	12%	12%	13%	12%	8%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	283.1801293896402	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-17.57860021077255	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	98.64942070200073			
[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)	168590072.597342	168590071.57263			
Observation start date	2003-05-06T06:34:33	2003-05-06T06:34:31			
[s] Observation end time (MET)	168599234.047729	168599233.02301			
Observation end date	2003-05-06T09:07:14	2003-05-06T09:07:13			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.4367999722958

A.2 Comments