

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60884 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 20 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

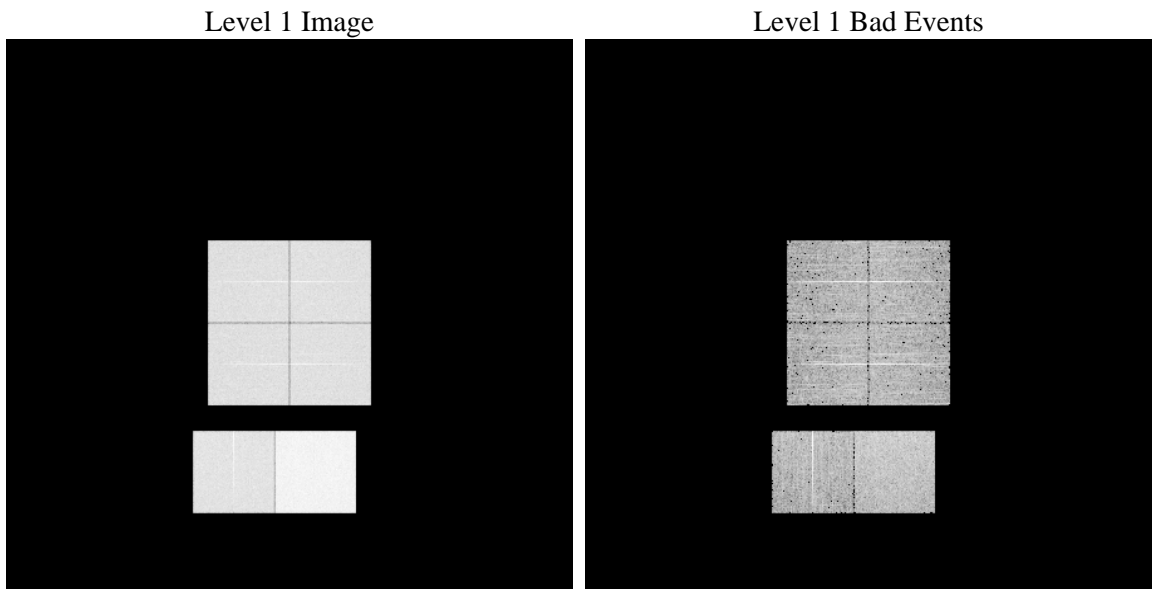
1 Front

seq_num	 	Sequence number
obs_id	60884	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	49.774848949445	Nominal RA [deg]
dec_nom	-5.5143760875171	Nominal Dec [deg]
roll_nom	297.03244116736	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8463.1772299409	Sum of GTIs [s]
livetime	8356.0113839419	Livetime [s]
ontime0	4459.6547798812	Sum of GTIs [s]
ontime1	4492.9023017585	Sum of GTIs [s]
ontime2	4278.1586124301	Sum of GTIs [s]
ontime3	4375.388974905	Sum of GTIs [s]
ontime6	4742.3775716722	Sum of GTIs [s]
ontime7	8463.1772299409	Sum of GTIs [s]
l2events	1293050	Number of level 2 events

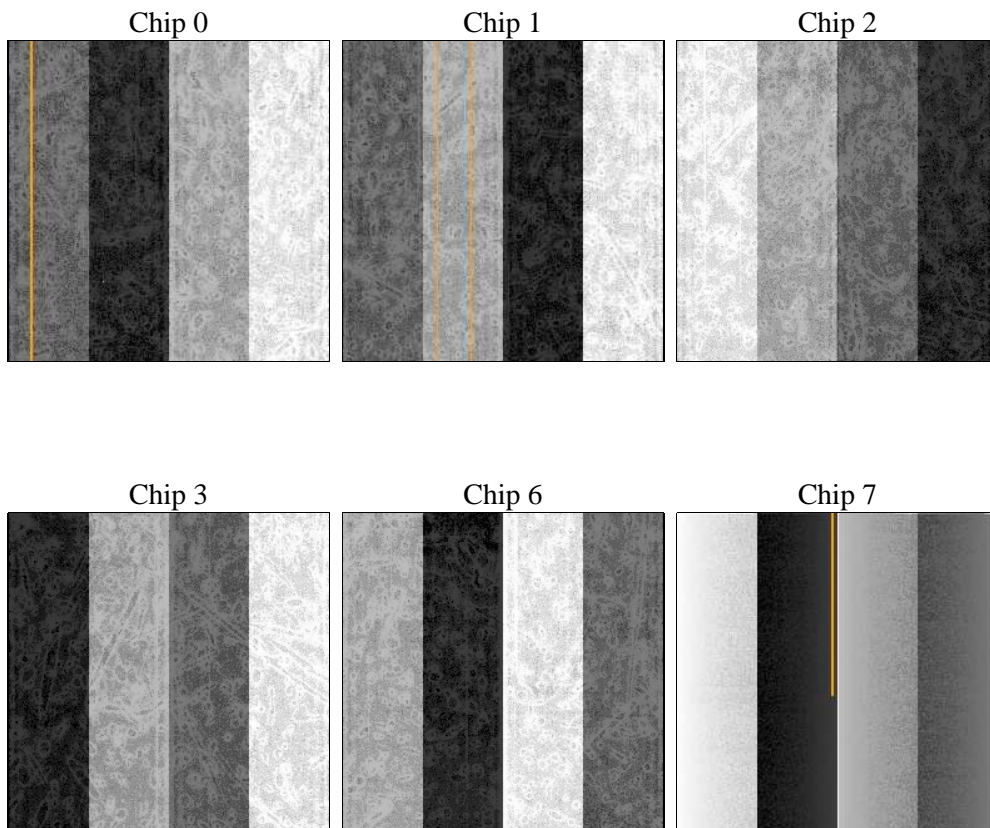
2 OBI

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	8463.1772299409	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	4459.6547798812	Sum of GTIs [s]
date	2012-10-20T16:36:14	Date and time of file creation	ontime1	4492.9023017585	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4278.1586124301	Sum of GTIs [s]
			ontime3	4375.388974905	Sum of GTIs [s]
			ontime6	4742.3775716722	Sum of GTIs [s]
			ontime7	8463.1772299409	Sum of GTIs [s]
			l1events	1547927	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	218097	222544	215283	220768	245054	426181	grade 0 events	104854	105936	103903	107038	115569	95435
rejected events	28020	30089	30182	30818	32380	45270		48%	47%	48%	48%	47%	22%
rejected %	12%	13%	14%	13%	13%	10%	grade 1 events	531	516	604	580	578	252
								0%	0%	0%	0%	0%	0%
							grade 2 events	33298	33806	31225	32157	36423	83415
								15%	15%	14%	14%	14%	19%
							grade 3 events	12269	12014	12043	12399	13256	38538
								5%	5%	5%	5%	5%	9%
							grade 4 events	12198	12272	11939	12326	13276	38450
								5%	5%	5%	5%	5%	9%
							grade 5 events	2069	2110	2011	2128	2331	8811
								0%	0%	0%	0%	0%	2%
							grade 6 events	27458	28568	25991	26030	34296	125180
								12%	12%	12%	11%	13%	29%
							grade 7 events	25420	27322	27567	28110	29325	36100
								11%	12%	12%	12%	11%	8%

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	49.7748489494453
[deg] Pointing Dec	0	-5.514376087517124
[deg] Pointing Roll	0.0	297.0324411673641
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	158579319.47598	158579318.45127
Observation start date	2003-01-10T09:48:39	2003-01-10T09:48:38
[s] Observation end time (MET)	158602265.12694	158602264.10223
Observation end date	2003-01-10T16:11:05	2003-01-10T16:11:04
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	3.2	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)	2012.11.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4631772299409

A.2 Comments