

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62842 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 10 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

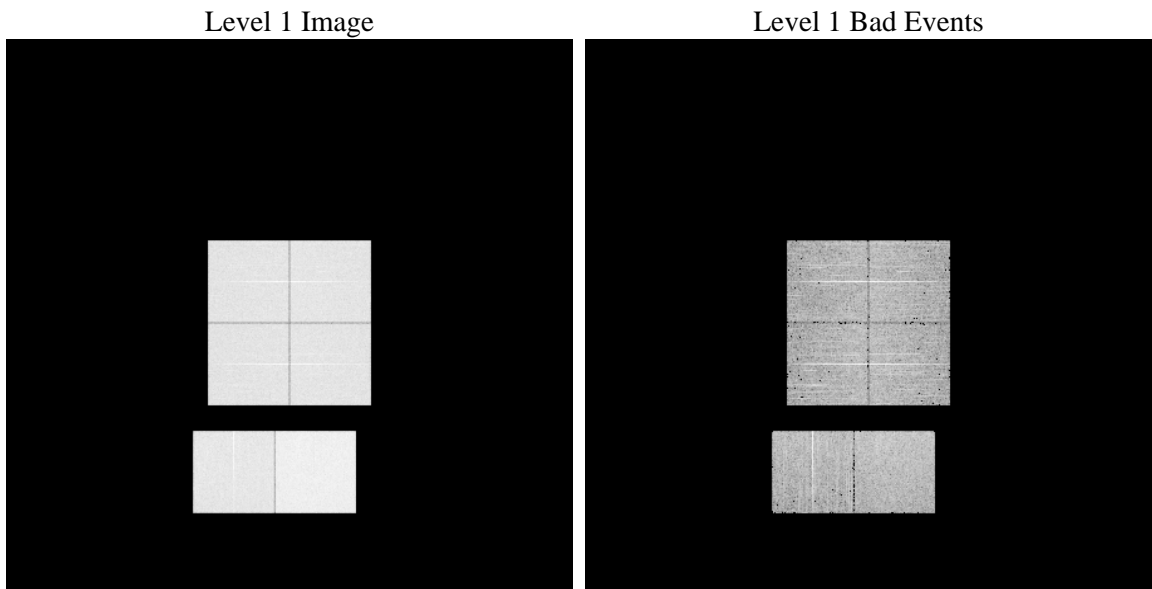
1 Front

seq_num	 	Sequence number
obs_id	62842	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	84.022419185436	Nominal RA [deg]
dec_nom	16.981060973265	Nominal Dec [deg]
roll_nom	285.68959562594	Nominal Roll [deg]
revision	3	Processing version of data
ontime	9682.4945902228	Sum of GTIs [s]
livetime	9559.8890136231	Livetime [s]
ontime0	6828.8192144334	Sum of GTIs [s]
ontime1	6956.758387059	Sum of GTIs [s]
ontime2	6582.5057425201	Sum of GTIs [s]
ontime3	6746.2176335454	Sum of GTIs [s]
ontime6	7178.8453288972	Sum of GTIs [s]
ontime7	9682.4945902228	Sum of GTIs [s]
l2events	1444533	Number of level 2 events

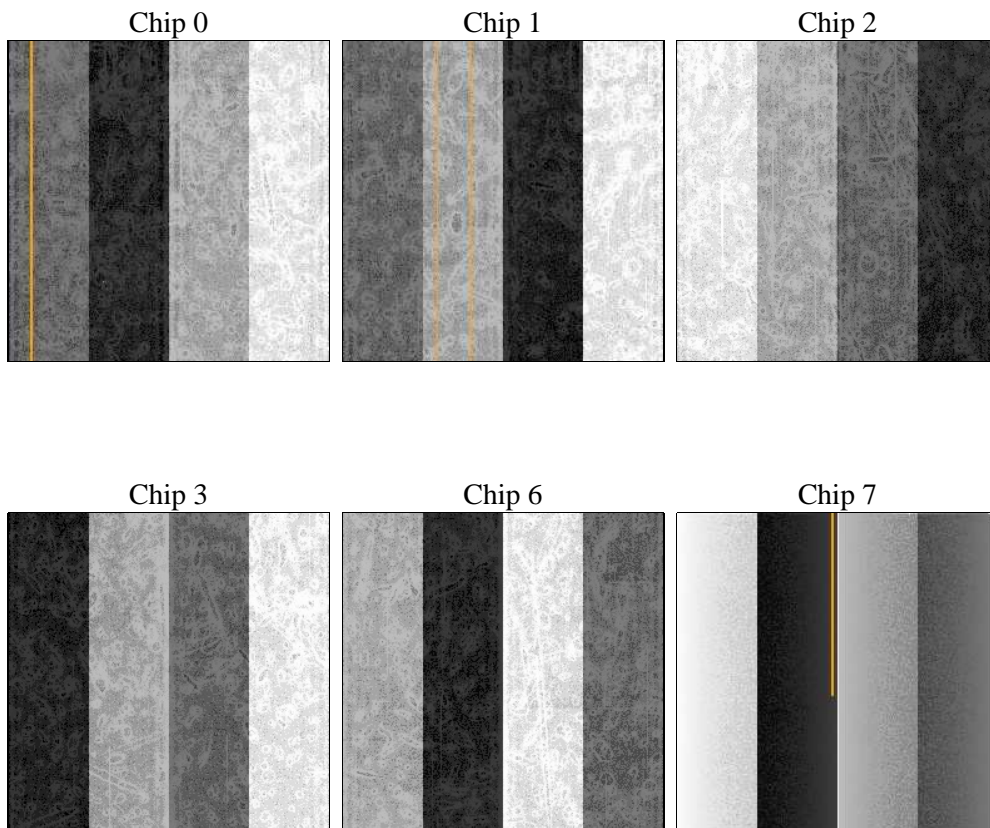
2 OBI

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	9682.4945902228	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	6828.8192144334	Sum of GTIs [s]
date	2012-11-10T10:04:05	Date and time of file creation	ontime1	6956.758387059	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6582.5057425201	Sum of GTIs [s]
			ontime3	6746.2176335454	Sum of GTIs [s]
			ontime6	7178.8453288972	Sum of GTIs [s]
			ontime7	9682.4945902228	Sum of GTIs [s]
			l1events	1753203	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	265861	272815	263041	268798	294020	388668	grade 0 events	127216	128798	125939	129640	137789	85360
rejected events	36559	38373	38397	39008	40964	45634		47%	47%	47%	48%	46%	21%
rejected %	13%	14%	14%	14%	13%	11%	grade 1 events	629	562	612	640	550	236
								0%	0%	0%	0%	0%	0%
							grade 2 events	39648	41452	38114	38856	43357	74902
								14%	15%	14%	14%	14%	19%
							grade 3 events	14632	15088	14762	14946	15588	34424
								5%	5%	5%	5%	5%	8%
							grade 4 events	14612	14922	14499	14757	15890	33943
								5%	5%	5%	5%	5%	8%
							grade 5 events	2597	2811	2437	2822	2991	8531
								0%	1%	0%	1%	1%	2%
							grade 6 events	33194	34285	31330	31591	40432	114405
								12%	12%	11%	11%	13%	29%
							grade 7 events	33333	34897	35348	35546	37423	36867
								12%	12%	13%	13%	12%	9%

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	84.02241918543648	Alternating exposures requested	N	N
[deg] Pointing Dec	0	16.98106097326536	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	285.6895956259366			
[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)	190153103.072178	190153102.04747			
Observation start date	2004-01-10T20:18:23	2004-01-10T20:18:22			
[s] Observation end time (MET)	190164646.62268	190164645.59798			
Observation end date	2004-01-10T23:30:47	2004-01-10T23:30:45			
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)	2012.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.6824945902228

A.2 Comments