

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61885 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 2 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

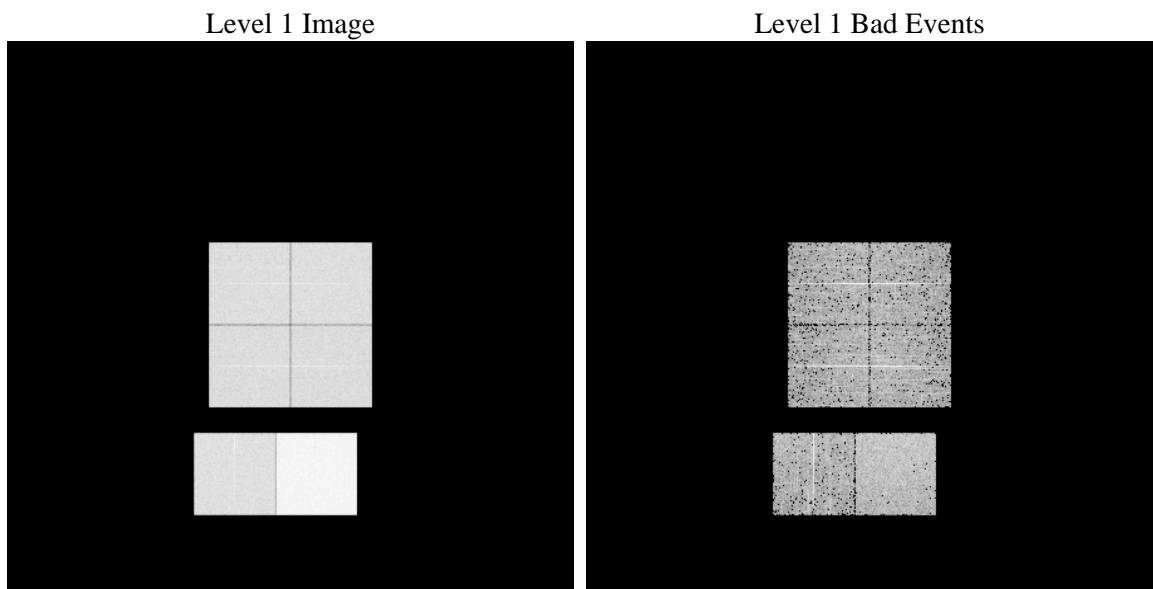
1 Front

seq_num	 	Sequence number
obs_id	61885	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	287.76759164246	Nominal RA [deg]
dec_nom	-60.015991540599	Nominal Dec [deg]
roll_nom	262.67120172037	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5423.789833948	Sum of GTIs [s]
livetime	5355.1105412564	Livetime [s]
ontime0	2362.7161799371	Sum of GTIs [s]
ontime1	2391.8855099082	Sum of GTIs [s]
ontime2	2249.2797801346	Sum of GTIs [s]
ontime3	2221.7247863412	Sum of GTIs [s]
ontime6	2446.9830700606	Sum of GTIs [s]
ontime7	5423.789833948	Sum of GTIs [s]
l2events	1255605	Number of level 2 events

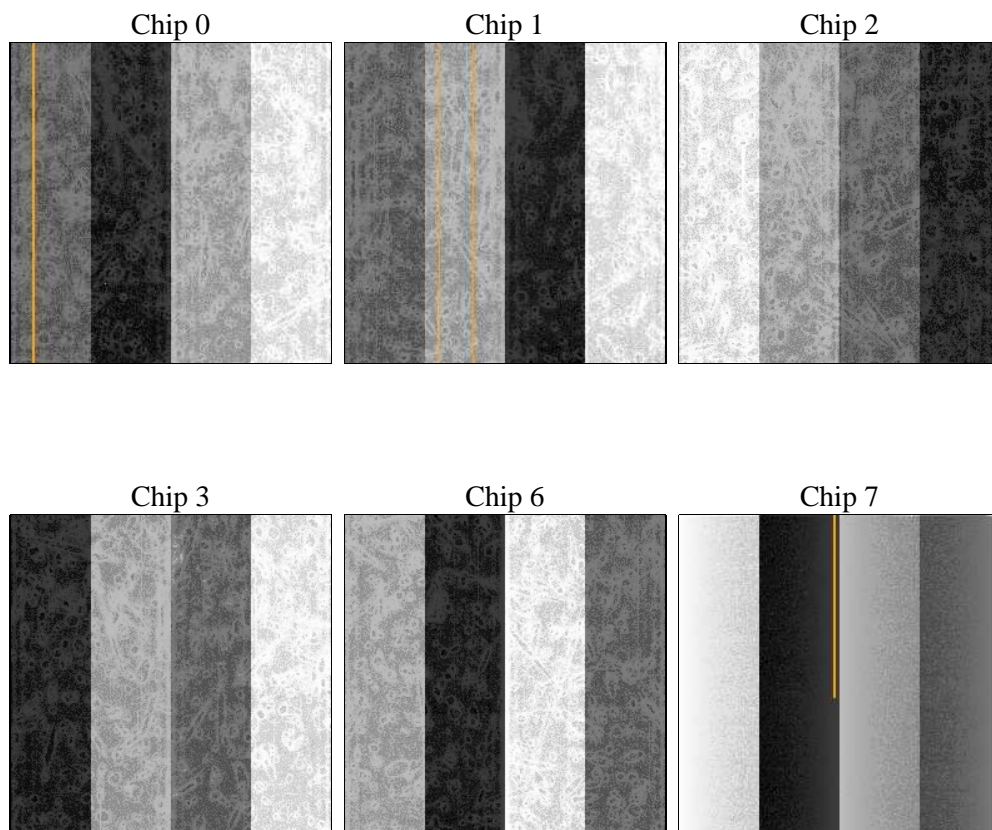
2 OBI

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	5423.789833948	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2362.7161799371	Sum of GTIs [s]
date	2012-09-02T12:45:15	Date and time of file creation	ontime1	2391.8855099082	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2249.2797801346	Sum of GTIs [s]
			ontime3	2221.7247863412	Sum of GTIs [s]
			ontime6	2446.9830700606	Sum of GTIs [s]
			ontime7	5423.789833948	Sum of GTIs [s]
			l1events	1429446	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	196204	197202	188607	187708	212564	447161	grade 0 events	98187	98878	95124	94857	105304	108750
rejected events	18378	17834	18303	19288	19303	27770		50%	50%	50%	50%	49%	24%
rejected %	9%	9%	9%	10%	9%	6%	grade 1 events	547	496	492	530	554	296
								0%	0%	0%	0%	0%	0%
							grade 2 events	31167	31512	29605	29416	33410	92861
								15%	15%	15%	15%	15%	20%
							grade 3 events	11200	11453	10588	10606	11876	42873
								5%	5%	5%	5%	5%	9%
							grade 4 events	11390	11348	10829	10665	12012	42458
								5%	5%	5%	5%	5%	9%
							grade 5 events	1423	1376	1283	1271	1555	6253
								0%	0%	0%	0%	0%	1%
							grade 6 events	25882	26177	24158	23120	30659	132697
								13%	13%	12%	12%	14%	29%
							grade 7 events	16408	15962	16528	17243	17194	20973
								8%	8%	8%	9%	8%	4%

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	287.7675916424555	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-60.01599154059873	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	262.6712017203657			
[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)	87946304	87946303.23189799			
Observation start date	2000-10-14T21:31:44	2000-10-14T21:31:43			
[s] Observation end time (MET)	87957089.051	87957088.282305			
Observation end date	2000-10-15T00:31:29	2000-10-15T00:31:28			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.423789833948

A.2 Comments