

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62846 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 8 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

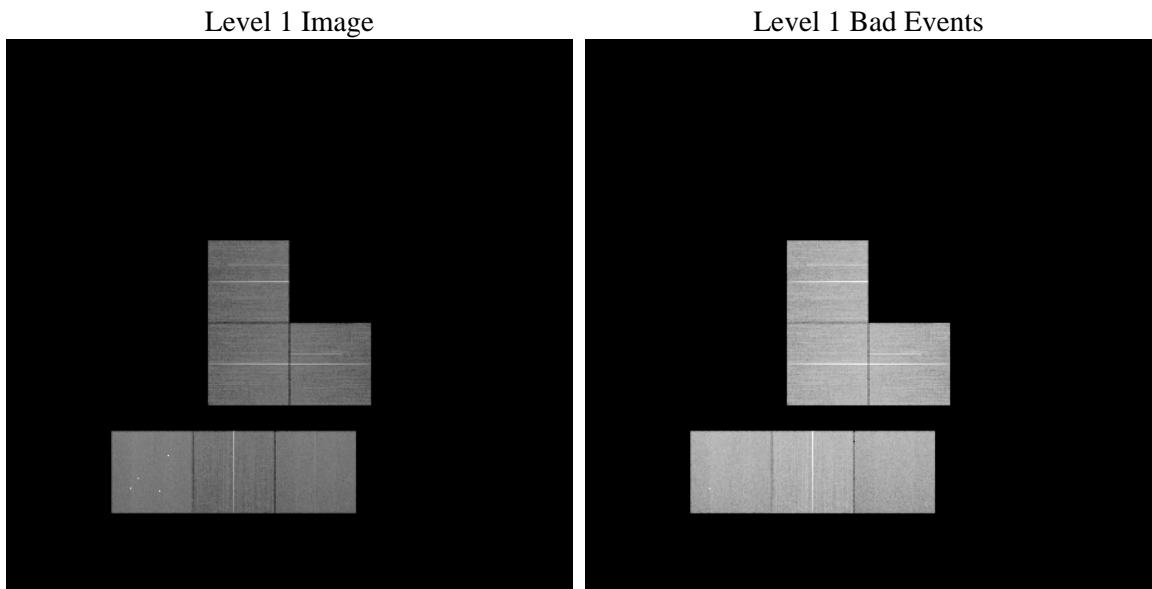
1 Front

seq_num	 	Sequence number
obs_id	62846	Observation id
title	ACIS-023567 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	115.06771952377	Nominal RA [deg]
dec_nom	4.8723662958429	Nominal Dec [deg]
roll_nom	61.384537134127	Nominal Roll [deg]
revision	3	Processing version of data
ontime	46450.994805992	Sum of GTIs [s]
livetime	45862.804340327	Livetime [s]
ontime0	46444.512805641	Sum of GTIs [s]
ontime2	46441.271825254	Sum of GTIs [s]
ontime3	46450.994805992	Sum of GTIs [s]
ontime5	46447.753785878	Sum of GTIs [s]
ontime6	46441.271775573	Sum of GTIs [s]
ontime7	46450.994805992	Sum of GTIs [s]
l2events	311033	Number of level 2 events

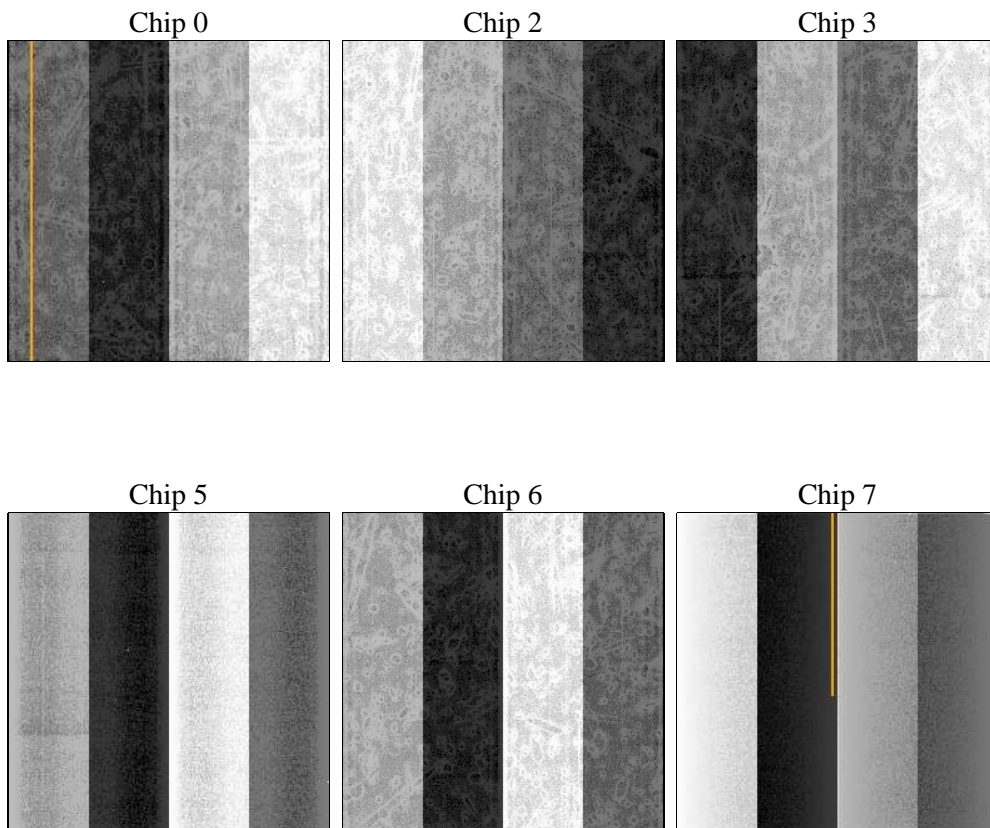
2 OBI

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	46450.994805992	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	46444.512805641	Sum of GTIs [s]
date	2012-11-08T16:31:12	Date and time of file creation	ontime2	46441.271825254	Sum of GTIs [s]
revision	3	Processing version of data	ontime3	46450.994805992	Sum of GTIs [s]
			ontime5	46447.753785878	Sum of GTIs [s]
			ontime6	46441.271775573	Sum of GTIs [s]
			ontime7	46450.994805992	Sum of GTIs [s]
			l1events	1417767	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7		ccd 0	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	202005	222035	211954	313209	222895	245669	grade 0 events	6736	6767	6219	28104	6871	8967
rejected events	180759	201489	192444	153362	200904	136469		3%	3%	2%	8%	3%	3%
rejected %	89%	90%	90%	48%	90%	55%	grade 1 events	94	79	130	820	129	205
								0%	0%	0%	0%	0%	0%
							grade 2 events	5135	4961	4293	41869	4950	21629
								2%	2%	2%	13%	2%	8%
							grade 3 events	2647	2499	2441	6640	2616	10459
								1%	1%	1%	2%	1%	4%
							grade 4 events	2428	2346	2384	6292	2497	10333
								1%	1%	1%	2%	1%	4%
							grade 5 events	7908	7381	8609	24328	9314	26575
								3%	3%	4%	7%	4%	10%
							grade 6 events	4303	3975	4174	76961	5062	57816
								2%	1%	1%	24%	2%	23%
							grade 7 events	172754	194027	183704	128195	191456	109685
								85%	87%	86%	40%	85%	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-023567	ACIS-023567	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	115.0677195237732	Alternating exposures requested	N	N
[deg] Pointing Dec	0	4.872366295842932	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	61.3845371341266			
[mm] SIM focus pos	-0.684267	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	-190.132523	51.9960404362608			
[mm] SIM translation stage offset	0	74.98944845534076			
[s] Observation start time (MET)	187261430.346498	187261429.32177			
Observation start date	2003-12-08T09:03:50	2003-12-08T09:03:49			
[s] Observation end time (MET)	187309629.948589	187309628.92386			
Observation end date	2003-12-08T22:27:10	2003-12-08T22:27:08			
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)	2012.12.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	46.450994805992

A.2 Comments