

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57896 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 12 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

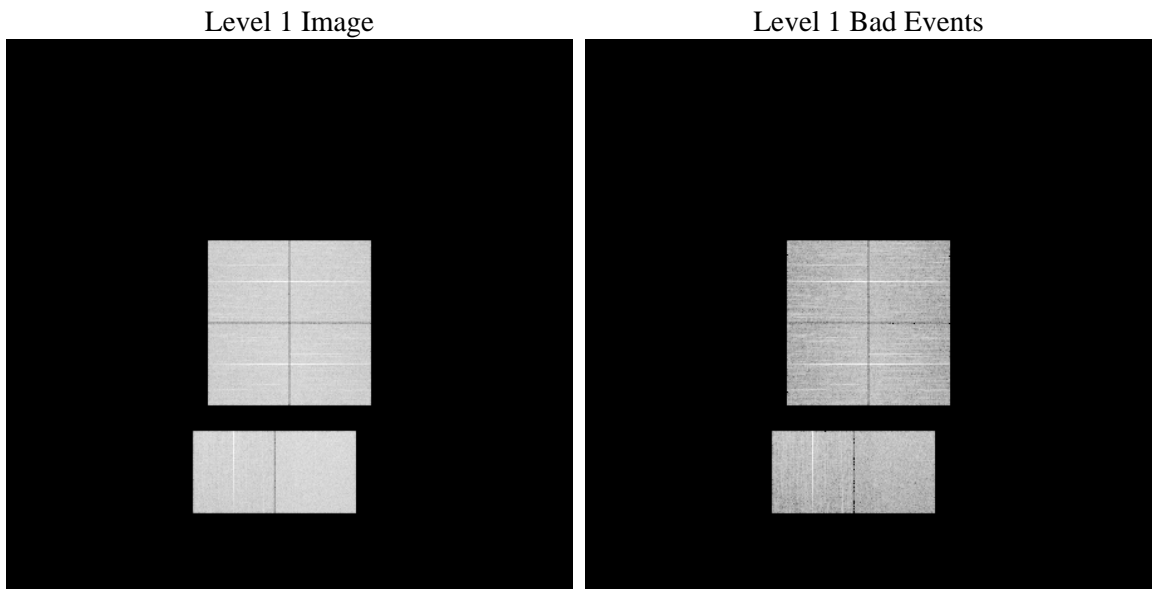
1 Front

seq_num	 	Sequence number
obs_id	57896	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	207.9997074191	Nominal RA [deg]
dec_nom	-17.971290359017	Nominal Dec [deg]
roll_nom	57.707740761442	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime0	8268.7589789629	Sum of GTIs [s]
ontime1	8271.999969244	Sum of GTIs [s]
ontime2	8271.9949970245	Sum of GTIs [s]
ontime3	8271.999969244	Sum of GTIs [s]
ontime6	8271.9539570212	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
l2events	614195	Number of level 2 events

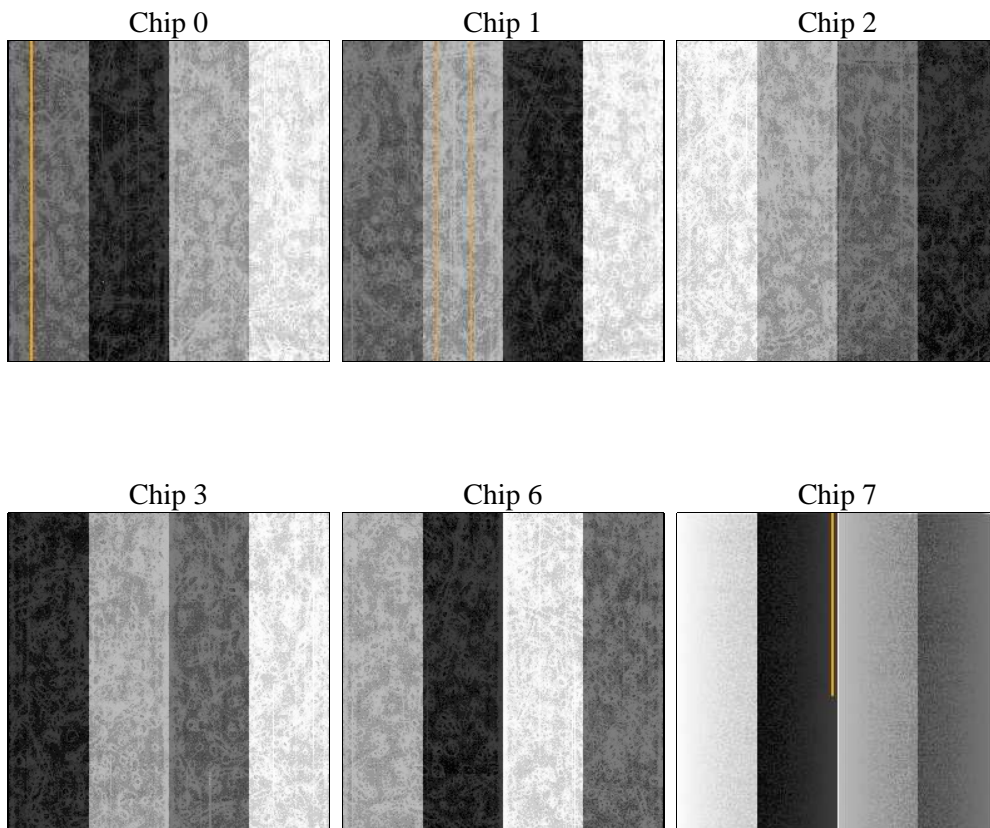
2 OBI

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	8.4.4	Processing system revision	ontime	8271.999969244	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8268.7589789629	Sum of GTIs [s]
date	2012-05-12T02:24:31	Date and time of file creation	ontime1	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8271.9949970245	Sum of GTIs [s]
			ontime3	8271.999969244	Sum of GTIs [s]
			ontime6	8271.9539570212	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			l1events	1070924	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	171537	169361	173305	175313	178377	203031	grade 0 events	54544	53950	56001	55786	55823	27539
rejected events	70675	67999	71676	73380	73220	66133		31%	31%	32%	31%	31%	13%
rejected %	41%	40%	41%	41%	41%	32%	grade 1 events	370	323	438	424	386	172
								0%	0%	0%	0%	0%	0%
							grade 2 events	17907	18527	17145	17741	18569	29642
								10%	10%	9%	10%	10%	14%
							grade 3 events	6763	6635	6992	6826	6733	12869
								3%	3%	4%	3%	3%	6%
							grade 4 events	6567	6829	6811	7017	6719	12854
								3%	4%	3%	4%	3%	6%
							grade 5 events	3875	4146	3707	4361	4361	10797
								2%	2%	2%	2%	2%	5%
							grade 6 events	15116	15452	14721	14608	17364	54032
								8%	9%	8%	8%	9%	26%
							grade 7 events	66395	63499	67490	68550	68422	55126
								38%	37%	38%	39%	38%	27%

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	207.9997074191019	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-17.97129035901668	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	57.70774076144156			
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	322848446.870445	322848445.84544			
Observation start date	2008-03-25T16:07:27	2008-03-25T16:07:25			
[s] Observation end time (MET)	322870859.521537	322870858.49653			
Observation end date	2008-03-25T22:21:00	2008-03-25T22:20:58			
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)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments