

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62116 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 24 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

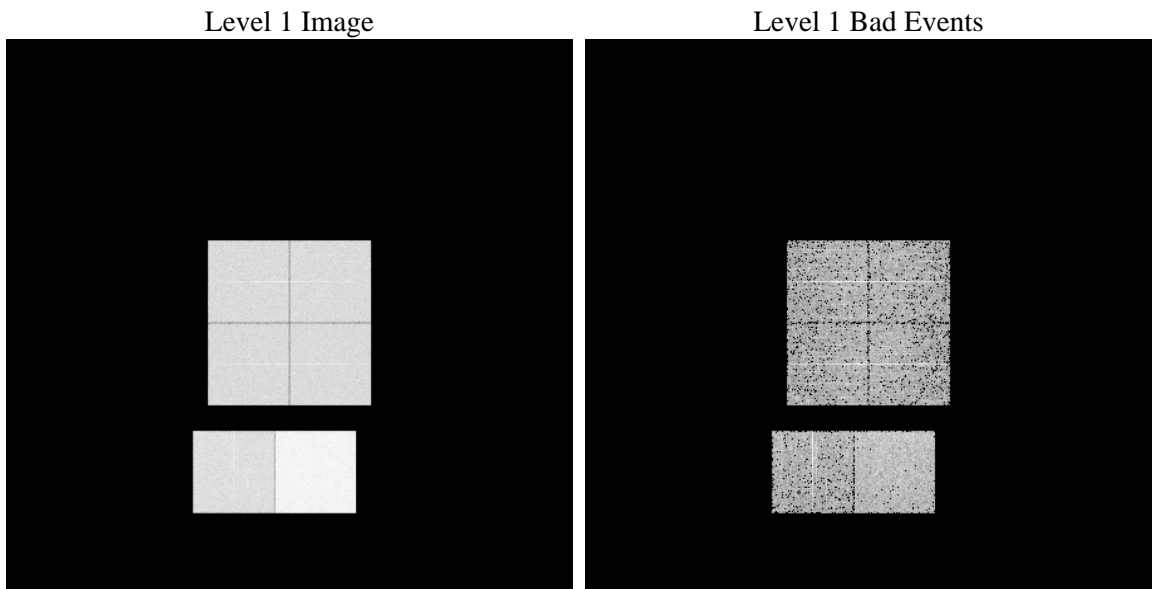
1 Front

seq_num	 	Sequence number
obs_id	62116	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	92.019272777608	Nominal RA [deg]
dec_nom	-28.023561876885	Nominal Dec [deg]
roll_nom	272.88234836086	Nominal Roll [deg]
revision	4	Processing version of data
ontime	3473.9995599687	Sum of GTIs [s]
livetime	3430.009685749	Livetime [s]
ontime0	1435.446286574	Sum of GTIs [s]
ontime1	1471.1388861388	Sum of GTIs [s]
ontime2	1383.6719859689	Sum of GTIs [s]
ontime3	1406.1949363947	Sum of GTIs [s]
ontime6	1571.6930762976	Sum of GTIs [s]
ontime7	3473.9995599687	Sum of GTIs [s]
l2events	911701	Number of level 2 events

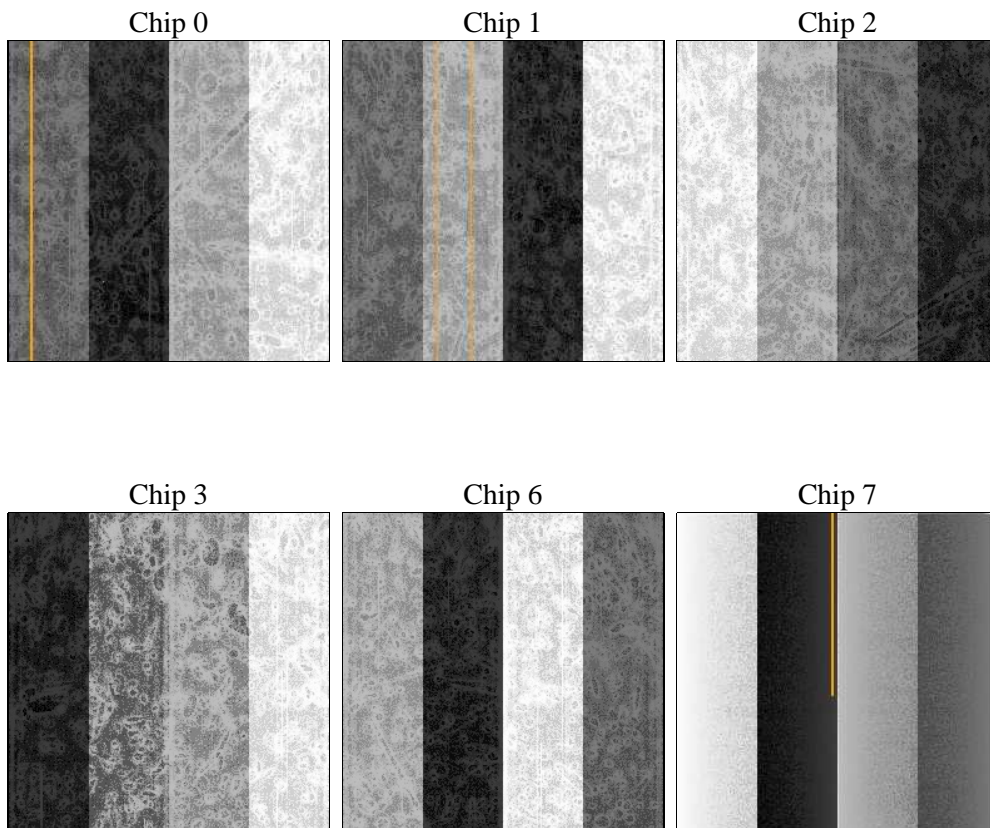
2 OBI

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	3473.9995599687	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	1435.446286574	Sum of GTIs [s]
date	2012-08-24T15:06:10	Date and time of file creation	ontime1	1471.1388861388	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	1383.6719859689	Sum of GTIs [s]
			ontime3	1406.1949363947	Sum of GTIs [s]
			ontime6	1571.6930762976	Sum of GTIs [s]
			ontime7	3473.9995599687	Sum of GTIs [s]
			l1events	1049211	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	139503	141217	136071	138186	158953	335281	grade 0 events	69672	70674	68018	69377	78926	81352
rejected events	15508	14977	15269	15230	15980	22811		49%	50%	49%	50%	49%	24%
rejected %	11%	10%	11%	11%	10%	6%	grade 1 events	467	418	408	423	443	247
								0%	0%	0%	0%	0%	0%
							grade 2 events	22009	22297	21242	21691	24953	69959
								15%	15%	15%	15%	15%	20%
							grade 3 events	7875	8000	7683	7800	8918	32650
								5%	5%	5%	5%	5%	9%
							grade 4 events	7965	8237	7656	7939	8785	32241
								5%	5%	5%	5%	5%	9%
							grade 5 events	977	1047	969	1042	1124	4579
								0%	0%	0%	0%	0%	1%
							grade 6 events	18082	18427	17320	17264	22571	99542
								12%	13%	12%	12%	14%	29%
							grade 7 events	12456	12117	12775	12650	13233	14711
								8%	8%	9%	9%	8%	4%

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	92.01927277760845
[deg] Pointing Dec	0	-28.02356187688533
[deg] Pointing Roll	0.0	272.8823483608585
[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)	69724097.275024	69724096.50655399
Observation start date	2000-03-17T23:48:17	2000-03-17T23:48:16
[s] Observation end time (MET)	69731397.32529099	69731396.556821
Observation end date	2000-03-18T01:49:57	2000-03-18T01:49:56
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.4739995599687

A.2 Comments