

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61985 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 30 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

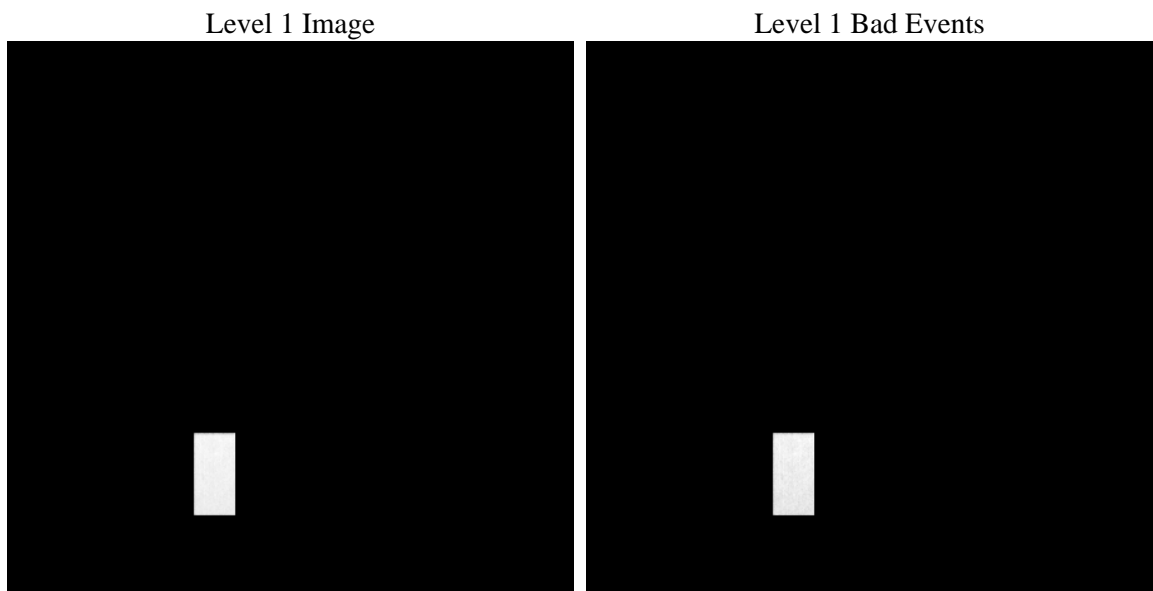
1 Front

seq_num	 	Sequence number
obs_id	61985	Observation id
title	ACIS-6 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	171.13864192597	Nominal RA [deg]
dec_nom	-47.917744978215	Nominal Dec [deg]
roll_nom	222.28994278689	Nominal Roll [deg]
revision	4	Processing version of data
ontime	8417.4184767902	Sum of GTIs [s]
livetime	8314.0222725282	Livetime [s]
ontime6	8417.4184767902	Sum of GTIs [s]
l2events	321655	Number of level 2 events

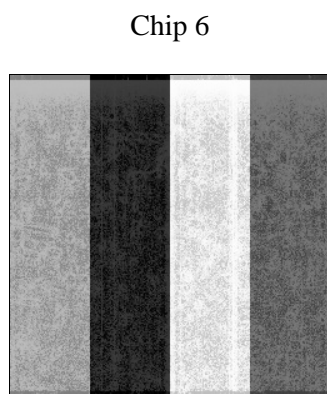
2 OBI

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	8417.4184767902	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime6	8417.4184767902	Sum of GTIs [s]
date	2012-08-30T23:04:43	Date and time of file creation	l1events	917595	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

	ccd 6
level 1 events	917595
rejected events	571864
rejected %	62%

	ccd 6
grade 0 events	187072
	20%
grade 1 events	926
	0%
grade 2 events	61115
	6%
grade 3 events	21468
	2%
grade 4 events	21449
	2%
grade 5 events	3890
	0%
grade 6 events	54760
	5%
grade 7 events	566915
	61%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-6	ACIS-6
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	171.1386419259653
[deg] Pointing Dec	0	-47.9177449782152
[deg] Pointing Roll	0.0	222.289942786894
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	81091517.84299999	81091517.074637
Observation start date	2000-07-27T13:25:18	2000-07-27T13:25:17
[s] Observation end time (MET)	81135508.795	81135508.026273
Observation end date	2000-07-28T01:38:29	2000-07-28T01:38:28
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	0.000000	3.3

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4174184767902

A.2 Comments

Squeegee mode diagnostic observation; bias map is non-standard.