

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61942 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 1 2012

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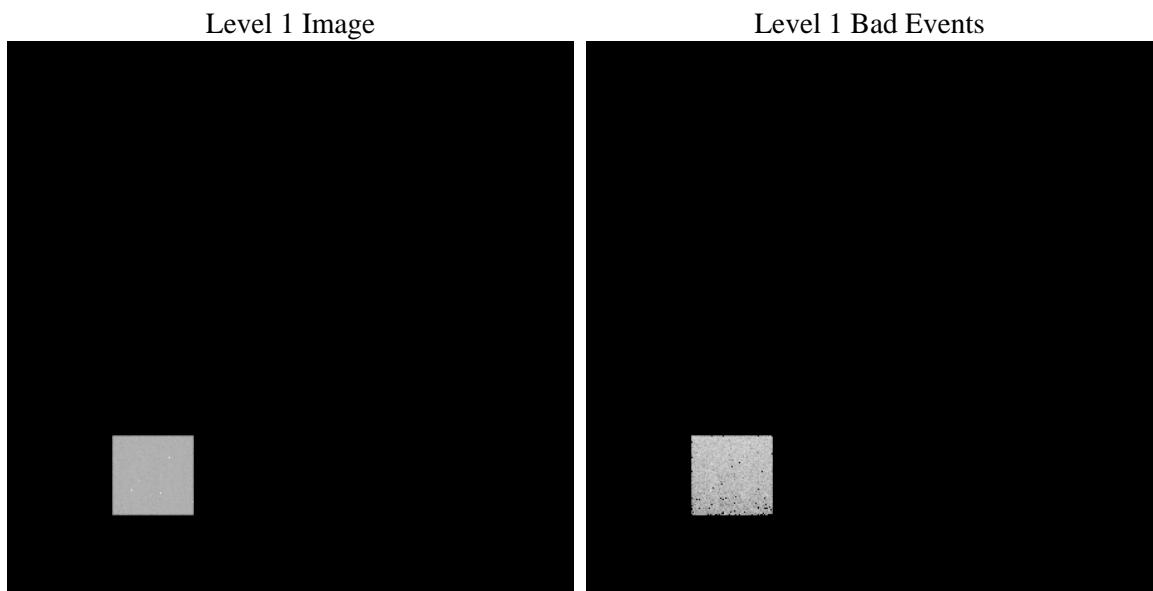
1 Front

seq_num	 	Sequence number
obs_id	61942	Observation id
title	ACIS-5 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	56.451426286004	Nominal RA [deg]
dec_nom	68.975852097069	Nominal Dec [deg]
roll_nom	109.07470027646	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4207.4999962151	Sum of GTIs [s]
livetime	4155.8167479317	Livetime [s]
ontime5	4207.4999962151	Sum of GTIs [s]
l2events	275062	Number of level 2 events

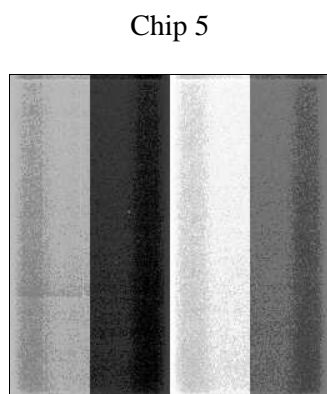
2 OBI

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	4207.4999962151	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime5	4207.4999962151	Sum of GTIs [s]
date	2012-09-01T16:40:18	Date and time of file creation	l1events	308014	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

	ccd 5
level 1 events	308014
rejected events	26745
rejected %	8%

	ccd 5
grade 0 events	76677
	24%
grade 1 events	291
	0%
grade 2 events	94103
	30%
grade 3 events	19730
	6%
grade 4 events	19762
	6%
grade 5 events	5579
	1%
grade 6 events	70997
	23%
grade 7 events	20875
	6%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-5	ACIS-5	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	56.45142628600377	Alternating exposures requested	N	N
[deg] Pointing Dec	0	68.97585209706875	[s] Primary exposure time	0.000000	3.3
[deg] Pointing Roll	0.0	109.0747002764649			
[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)	84519148.721	84519147.952824			
Observation start date	2000-09-05T05:32:29	2000-09-05T05:32:27			
[s] Observation end time (MET)	84526059.272	84526058.503084			
Observation end date	2000-09-05T07:27:39	2000-09-05T07:27:38			
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)	2012.09.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.2074999962151

A.2 Comments

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