

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 58405 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 24 2012

See [axaff58405N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2687999692559

Comments

The bias map for CCD_ID = 2 suffers from anomalously high bias values in an 'exacto-knife'-shaped area of the bias file. Pixels in the event data that have been bias-corrected by one of the affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small (~ 20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. No attempt has been made to correct the anomalous values in this bias file because the focal plane temperature is at least 5 degrees between this observation and other observations.

seq_num	 	Sequence number
obs_id	58405	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	192.61246431249	Nominal RA [deg]
dec_nom	-11.428265474987	Nominal Dec [deg]
roll_nom	257.16176596612	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8268.7999692559	Sum of GTIs [s]
livetime	8164.0954451716	Livetime [s]
ontime0	8268.7999692559	Sum of GTIs [s]
ontime1	8268.7744191885	Sum of GTIs [s]
ontime2	8268.7333791852	Sum of GTIs [s]
ontime3	8268.7999692559	Sum of GTIs [s]
ontime6	8268.6923391819	Sum of GTIs [s]
ontime7	8268.7999692559	Sum of GTIs [s]
l2events	730890	Number of level 2 events