

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12365 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 26 2012

See axaff12365N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.4575999313

Comments

A spatial region of the original bias map for CCD = 3 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original 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. The bias map for CCD = 3 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation. The pixels affected by the anomaly are bounded by sky coords:
(314.88209,54.65525), (314.87815,54.65483), (314.88915,54.62079), (314.89382,54.61893)

seq_num	200699	Sequence number
obs_id	12365	Observation id
title	X-rays from Planetary Nebulae: Unveiling Binarity, Magnetic Fields, and Wind Collisions	Proposal title
observer	Dr. Joel Kastner	Principal investigator
object	NGC 7008	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	315.135417	Observer's specified target RA [deg]
dec_targ	54.543389	Observer's specified target Dec [deg]
ra_nom	315.14021774236	Nominal RA [deg]
dec_nom	54.542215317066	Nominal Dec [deg]
roll_nom	280.37344426179	Nominal Roll [deg]
revision	3	Processing version of data
ontime	18457.5999313	Sum of GTIs [s]
livetime	18223.878687137	Livetime [s]
ontime2	18454.358930826	Sum of GTIs [s]
ontime3	18454.358930945	Sum of GTIs [s]
ontime5	18457.5999313	Sum of GTIs [s]
ontime6	18457.5999313	Sum of GTIs [s]
ontime7	18457.5999313	Sum of GTIs [s]
ontime8	18457.5999313	Sum of GTIs [s]
l2events	190969	Number of level 2 events

