V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12374 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 8 2012

See axaff12374N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.053692640185

Comments

The data for this observation have been processed using the 'EDSER'
sub-pixel event-repositioning algorithm of Li et al. (2004, ApJ, 610,
1204). Small-scale features should become sharper for sources near the
aim point. The improvement will be less noticeable for off-axis sources
where the size of the point-spread function is comparable to or larger
than the size of an ACIS pixel. To take full advantage of the
improvement, images should be binned on spatial scales smaller than the
size of an ACIS pixel. Note that, at present, the point-spread function
has not been calibrated for data to which the EDSER algorithm has been
applied. If dither was disabled for the observation, then the algorithm
can introduce artificial aliasing effects on spatial scales smaller than
a pixel. If you would prefer to use no sub-pixel adjustment or to apply
a coordinate randomization, then use acis_process_events to reprocess
the data with the parameter pix_adj=NONE or RANDOMIZE, respectively.

seq_num	200708	Sequence number
obs_id	12374	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 7094	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	324.220833	Observer's specified target RA [deg]
dec_targ	12.788611	Observer's specified target Dec [deg]
ra_nom	324.21775946509	Nominal RA [deg]
dec_nom	12.792414428671	Nominal Dec [deg]
roll_nom	96.737047864327	Nominal Roll [deg]
revision	2	Processing version of data
ontime	30053.692643881	Sum of GTIs [s]
livetime	29673.134691463	Livetime [s]
ontime2	30050.492713571	Sum of GTIs [s]
ontime3	30050.328533649	Sum of GTIs [s]
ontime5	30053.651603878	Sum of GTIs [s]
ontime6	30053.610563874	Sum of GTIs [s]
ontime7	30053.692643881	Sum of GTIs [s]
ontime8	30053.528483868	Sum of GTIs [s]
l2events	320525	Number of level 2 events