V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12375 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

See axaff12375N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.056240991831

Comments

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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.
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seq_num	200709	Sequence number
obs_id	12375	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 6445	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	267.313333	Observer's specified target RA [deg]
dec_targ	-20.009583	Observer's specified target Dec [deg]
ra_nom	267.31082807595	Nominal RA [deg]
dec_nom	-20.005348809081	Nominal Dec [deg]
roll_nom	87.317990100143	Nominal Roll [deg]
revision	2	Processing version of data
ontime	30056.240984619	Sum of GTIs [s]
livetime	29675.650763576	Livetime [s]
ontime2	30056.282024622	Sum of GTIs [s]
ontime3	30052.876904249	Sum of GTIs [s]
ontime5	30056.199944615	Sum of GTIs [s]
ontime6	30052.917944252	Sum of GTIs [s]
ontime7	30056.240984619	Sum of GTIs [s]
ontime8	30056.076824605	Sum of GTIs [s]
l2events	339981	Number of level 2 events