V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12377 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 3 2012

See axaff12377N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.05119988811

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	200711	Sequence number
obs_id	12377	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 2438	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	115.460417	Observer's specified target RA [deg]
dec_targ	-14.735472	Observer's specified target Dec [deg]
ra_nom	115.46539816039	Nominal RA [deg]
dec_nom	-14.73606701364	Nominal Dec [deg]
roll_nom	321.33329845467	Nominal Roll [deg]
revision	2	Processing version of data
ontime	30051.19988811	Sum of GTIs [s]
livetime	29670.673500467	Livetime [s]
ontime2	30047.958847761	Sum of GTIs [s]
ontime3	30047.958867371	Sum of GTIs [s]
ontime5	30051.19988811	Sum of GTIs [s]
ontime6	30047.958847761	Sum of GTIs [s]
ontime7	30051.19988811	Sum of GTIs [s]
ontime8	30051.19988811	Sum of GTIs [s]
l2events	349461	Number of level 2 events