V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12982 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 8 2012

See axaff12982N002_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	10.059500077367

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	600950	Sequence number
obs_id	12982	Observation id
title	Black-hole--galaxy co-evolution at the end of the Hubble sequence	&#160
observer	Prof. Smita Mathur	Principal investigator
object	NGC 5964	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	234.40125	Observer's specified target RA [deg]
dec_targ	5.973333	Observer's specified target Dec [deg]
ra_nom	234.3969487025	Nominal RA [deg]
dec_nom	5.9755057408027	Nominal Dec [deg]
roll_nom	121.46763757409	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10059.500077367	Sum of GTIs [s]
livetime	9928.0653031598	Livetime [s]
ontime6	10056.359067082	Sum of GTIs [s]
ontime7	10059.500077367	Sum of GTIs [s]
ontime8	10059.500077367	Sum of GTIs [s]
l2events	50963	Number of level 2 events