

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12925 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

See axaff12925N002-VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.054370896399

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.

=====

Roll preference met.

seq_num	900957	Sequence number
obs_id	12925	Observation id
title	Filling the 15 micron Gap: Search for Compton-thick Accretion with Chandra and AKARI in the NEP Deep Field	Proposal title
observer	Dr. Mirko Krumpke	Principal investigator
object	AKARI-NEP-Deep Field	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	268.55417	Observer's specified target RA [deg]
dec_targ	66.759167	Observer's specified target Dec [deg]
ra_nom	268.54348105195	Nominal RA [deg]
dec_nom	66.766075196358	Nominal Dec [deg]
roll_nom	104.14702519669	Nominal Roll [deg]
revision	2	Processing version of data
ontime	24054.370889008	Sum of GTIs [s]
livetime	23749.779961008	Livetime [s]
ontime0	24054.247768998	Sum of GTIs [s]
ontime1	24054.288809001	Sum of GTIs [s]
ontime2	24054.329849005	Sum of GTIs [s]
ontime3	24054.370889008	Sum of GTIs [s]
ontime6	24051.158940136	Sum of GTIs [s]
ontime7	24054.39991045	Sum of GTIs [s]
l2events	155014	Number of level 2 events

