

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 12932 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See [axaff12932N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.056768501639

## 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	900964	Sequence number
obs_id	12932	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 Krumpe	Principal investigator
object	AKARI-NEP-Deep Field	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	268.85	Observer's specified target RA [deg]
dec_targ	66.4425	Observer's specified target Dec [deg]
ra_nom	268.84550514775	Nominal RA [deg]
dec_nom	66.450366993038	Nominal Dec [deg]
roll_nom	85.712857375284	Nominal Roll [deg]
revision	2	Processing version of data
ontime	14056.768500149	Sum of GTIs [s]
livetime	13878.773233431	Livetime [s]
ontime0	14053.404409826	Sum of GTIs [s]
ontime1	14053.445449769	Sum of GTIs [s]
ontime2	14053.486489773	Sum of GTIs [s]
ontime3	14056.768500149	Sum of GTIs [s]
ontime6	14053.609589934	Sum of GTIs [s]
ontime7	14056.809540153	Sum of GTIs [s]
l2events	97880	Number of level 2 events

