

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12936 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 1 2012

See axaff12936N002-VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.052799869478

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.

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Roll preference not met, preferred roll 0 +/- 15 degrees, actual roll 19 degrees.

seq_num	900968	Sequence number
obs_id	12936	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	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	269.14583	Observer's specified target RA [deg]
dec_targ	66.4425	Observer's specified target Dec [deg]
ra_nom	269.16219661798	Nominal RA [deg]
dec_nom	66.447242104572	Nominal Dec [deg]
roll_nom	18.707641723243	Nominal Roll [deg]
revision	2	Processing version of data
ontime	35052.799869478	Sum of GTIs [s]
livetime	34608.940211268	Livetime [s]
ontime0	35052.799869478	Sum of GTIs [s]
ontime1	35052.799869478	Sum of GTIs [s]
ontime2	35043.076908767	Sum of GTIs [s]
ontime3	35052.799869478	Sum of GTIs [s]
ontime6	35049.558899105	Sum of GTIs [s]
ontime7	35052.799869478	Sum of GTIs [s]
l2events	249114	Number of level 2 events

