

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12930 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

See axaff12930N002-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	14.755185733855

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 met.

seq_num	900962	Sequence number
obs_id	12930	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	268.86	Observer's specified target RA [deg]
dec_targ	66.645	Observer's specified target Dec [deg]
ra_nom	268.85125714442	Nominal RA [deg]
dec_nom	66.652303590613	Nominal Dec [deg]
roll_nom	98.216708611341	Nominal Roll [deg]
revision	2	Processing version of data
ontime	14755.185733855	Sum of GTIs [s]
livetime	14568.346687587	Livetime [s]
ontime0	14755.062613845	Sum of GTIs [s]
ontime1	14755.103653848	Sum of GTIs [s]
ontime2	14748.662802935	Sum of GTIs [s]
ontime3	14755.185733855	Sum of GTIs [s]
ontime6	14755.199945092	Sum of GTIs [s]
ontime7	14755.199945092	Sum of GTIs [s]
l2events	100094	Number of level 2 events

