

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12929 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See axaff12929N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.054399955153

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	900961	Sequence number
obs_id	12929	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	268.85	Observer's specified target RA [deg]
dec_targ	66.7925	Observer's specified target Dec [deg]
ra_nom	268.8454319758	Nominal RA [deg]
dec_nom	66.800428690084	Nominal Dec [deg]
roll_nom	85.712907141855	Nominal Roll [deg]
revision	2	Processing version of data
ontime	12054.399955153	Sum of GTIs [s]
livetime	11901.759884633	Livetime [s]
ontime0	12051.158974826	Sum of GTIs [s]
ontime1	12054.399955153	Sum of GTIs [s]
ontime2	12051.158954918	Sum of GTIs [s]
ontime3	12054.399955153	Sum of GTIs [s]
ontime6	12051.158974826	Sum of GTIs [s]
ontime7	12054.399955153	Sum of GTIs [s]
l2events	81199	Number of level 2 events

