

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13244 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

See axaff13244N002-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	15.054809381962

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	900985	Sequence number
obs_id	13244	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	66.675833	Observer's specified target Dec [deg]
ra_nom	269.13695873693	Nominal RA [deg]
dec_nom	66.683143719168	Nominal Dec [deg]
roll_nom	98.2168470034	Nominal Roll [deg]
revision	2	Processing version of data
ontime	15054.809375465	Sum of GTIs [s]
livetime	14864.176314235	Livetime [s]
ontime0	15054.686255455	Sum of GTIs [s]
ontime1	15054.727295458	Sum of GTIs [s]
ontime2	15051.527335107	Sum of GTIs [s]
ontime3	15054.809375465	Sum of GTIs [s]
ontime6	15054.891455472	Sum of GTIs [s]
ontime7	15054.850415468	Sum of GTIs [s]
l2events	97165	Number of level 2 events

