

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12745 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 10 2012

See [axaff12745N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0564686956406

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	702381	Sequence number
obs_id	12745	Observation id
title	Completing the Chandra 3C Snapshot Survey: Extragalactic Radio Sources with $z < 0.3$	Proposal title
observer	Dr. Daniel Harris	Principal investigator
object	3C 436	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	326.04875	Observer's specified target RA [deg]
dec_targ	28.171917	Observer's specified target Dec [deg]
ra_nom	326.04427168938	Nominal RA [deg]
dec_nom	28.174751066506	Nominal Dec [deg]
roll_nom	112.2934905258	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8056.4687023163	Sum of GTIs [s]
livetime	7951.2050076345	Livetime [s]
ontime2	8056.3455823064	Sum of GTIs [s]
ontime3	8053.245661974	Sum of GTIs [s]
ontime6	8056.427662313	Sum of GTIs [s]
ontime7	8056.4687023163	Sum of GTIs [s]
l2events	44657	Number of level 2 events

