

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12808 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 3 2012

See axaff12808N002-VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	45.049263439834

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	702444	Sequence number
obs_id	12808	Observation id
title	Radio-loud feedback in Seyfert galaxies	Proposal title
observer	Dr Judith Croston	Principal investigator
object	NGC 3367	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	161.645833	Observer's specified target RA [deg]
dec_targ	13.75075	Observer's specified target Dec [deg]
ra_nom	161.6441664825	Nominal RA [deg]
dec_nom	13.755323254927	Nominal Dec [deg]
roll_nom	77.758484065976	Nominal Roll [deg]
revision	2	Processing version of data
ontime	45049.263444304	Sum of GTIs [s]
livetime	44478.822545163	Livetime [s]
ontime2	45039.581333518	Sum of GTIs [s]
ontime3	45049.140324295	Sum of GTIs [s]
ontime5	45049.222404301	Sum of GTIs [s]
ontime6	45045.940314054	Sum of GTIs [s]
ontime7	45049.263444304	Sum of GTIs [s]
ontime8	45045.858244121	Sum of GTIs [s]
l2events	532545	Number of level 2 events

