

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12819 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 10 2012

See [axaff12819N002-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	4.9683120223284

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	702455	Sequence number
obs_id	12819	Observation id
title	A Systematic Chandra Survey of AGN in Major Mergers -- How many Binary AGN are out there?	Proposal title
observer	DR. Kevin Schawinski	Principal investigator
object	GZ_merger_AGN_9	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	166.805	Observer's specified target RA [deg]
dec_targ	65.101833	Observer's specified target Dec [deg]
ra_nom	166.80505193517	Nominal RA [deg]
dec_nom	65.093792623042	Nominal Dec [deg]
roll_nom	252.34840326669	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4968.3120267391	Sum of GTIs [s]
livetime	4905.4002682982	Livetime [s]
ontime0	4968.1889067292	Sum of GTIs [s]
ontime1	4968.2299467325	Sum of GTIs [s]
ontime2	4968.2709867358	Sum of GTIs [s]
ontime3	4968.3120267391	Sum of GTIs [s]
ontime6	4968.3941067457	Sum of GTIs [s]
ontime7	4968.3530667424	Sum of GTIs [s]
l2events	20074	Number of level 2 events

