

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12821 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 3 2012

See axaff12821N002-VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.9629934010506

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	702457	Sequence number
obs_id	12821	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_11	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	149.471667	Observer's specified target RA [deg]
dec_targ	36.3465	Observer's specified target Dec [deg]
ra_nom	149.46227246424	Nominal RA [deg]
dec_nom	36.349229521544	Nominal Dec [deg]
roll_nom	142.69402383826	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4962.993403554	Sum of GTIs [s]
livetime	4900.1489927223	Livetime [s]
ontime0	4962.8702835441	Sum of GTIs [s]
ontime1	4962.9113235474	Sum of GTIs [s]
ontime2	4962.9523635507	Sum of GTIs [s]
ontime3	4962.993403554	Sum of GTIs [s]
ontime6	4963.0754835606	Sum of GTIs [s]
ontime7	4963.0344435573	Sum of GTIs [s]
l2events	21908	Number of level 2 events

