

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12813 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

See axaff12813N002-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	4.9631999815702

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	702449	Sequence number
obs_id	12813	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_3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	227.839583	Observer's specified target RA [deg]
dec_targ	11.392028	Observer's specified target Dec [deg]
ra_nom	227.8337828855	Nominal RA [deg]
dec_nom	11.397723461866	Nominal Dec [deg]
roll_nom	117.45290109812	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4963.1999815702	Sum of GTIs [s]
livetime	4900.3529549234	Livetime [s]
ontime0	4963.1999815702	Sum of GTIs [s]
ontime1	4963.1999815702	Sum of GTIs [s]
ontime2	4963.1999815702	Sum of GTIs [s]
ontime3	4963.1999815702	Sum of GTIs [s]
ontime6	4963.1999815702	Sum of GTIs [s]
ontime7	4963.1999815702	Sum of GTIs [s]
l2events	20633	Number of level 2 events

