

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12817 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 1 2012

See axaff12817N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.9628491553068

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	702453	Sequence number
obs_id	12817	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_7	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	129.575	Observer's specified target RA [deg]
dec_targ	30.916972	Observer's specified target Dec [deg]
ra_nom	129.569252787	Nominal RA [deg]
dec_nom	30.923340850395	Nominal Dec [deg]
roll_nom	109.69660632407	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4962.8491472006	Sum of GTIs [s]
livetime	4900.0065630297	Livetime [s]
ontime0	4962.7260271907	Sum of GTIs [s]
ontime1	4962.767067194	Sum of GTIs [s]
ontime2	4962.8081071973	Sum of GTIs [s]
ontime3	4962.8491472006	Sum of GTIs [s]
ontime6	4962.9312272072	Sum of GTIs [s]
ontime7	4962.8901872039	Sum of GTIs [s]
l2events	21590	Number of level 2 events

