V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12945 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 8 2012

See axaff12945N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.026303001523

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	900977	Sequence number
obs_id	12945	Observation id
title	Chandra Studies of Unidentified X-ray Sources in the Galactic Bulge	
observer	Dr. Hideyuki Mori	Principal investigator
object	1RXS J173916.2-214746	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	264.8175	Observer's specified target RA [deg]
dec_targ	-21.796111	Observer's specified target Dec [deg]
ra_nom	264.81473447213	Nominal RA [deg]
dec_nom	-21.791867589033	Nominal Dec [deg]
roll_nom	89.388852221829	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4026.3030082583	Sum of GTIs [s]
livetime	3829.8325960795	Livetime [s]
ontime7	4026.3030082583	Sum of GTIs [s]
l2events	4803	Number of level 2 events