

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12944 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 8 2012

See [axaff12944N002_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	4.0269177424908

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	900976	Sequence number
obs_id	12944	Observation id
title	Chandra Studies of Unidentified X-ray Sources in the Galactic Bulge	
observer	Dr. Hideyuki Mori	Principal investigator
object	1RXS J173333.0-181736	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	263.3875	Observer's specified target RA [deg]
dec_targ	-18.293333	Observer's specified target Dec [deg]
ra_nom	263.38469118795	Nominal RA [deg]
dec_nom	-18.289194216082	Nominal Dec [deg]
roll_nom	91.569135364603	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4026.9177446365	Sum of GTIs [s]
livetime	3830.4173353339	Livetime [s]
ontime7	4026.9177446365	Sum of GTIs [s]
l2events	4578	Number of level 2 events

