

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12476 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See axaff12476N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.0354000079632

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	401217	Sequence number
obs_id	12476	Observation id
title	The Nearest and Brightest Quiescent Low Mass X-ray Binaries	Propos
observer	Prof. Robert Rutledge	Principal investigator
object	1RXS J144701.1+114536	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	221.754583	Observer's specified target RA [deg]
dec_targ	11.76	Observer's specified target Dec [deg]
ra_nom	221.7916844922	Nominal RA [deg]
dec_nom	11.821022891273	Nominal Dec [deg]
roll_nom	95.627022598402	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1035.4000079632	Sum of GTIs [s]
livetime	1021.8717446087	Livetime [s]
ontime3	1035.4000079632	Sum of GTIs [s]
ontime5	1035.4000079632	Sum of GTIs [s]
ontime6	1035.4000079632	Sum of GTIs [s]
ontime7	1035.4000079632	Sum of GTIs [s]
ontime8	1035.4000079632	Sum of GTIs [s]
l2events	11117	Number of level 2 events

