

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12481 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

See axaff12481N002-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	1.8402961818576

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	401222	Sequence number
obs_id	12481	Observation id
title	The Nearest and Brightest Quiescent Low Mass X-ray Binaries	Propos
observer	Prof. Robert Rutledge	Principal investigator
object	1RXS J140337.5+393627	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	210.90625	Observer's specified target RA [deg]
dec_targ	39.6075	Observer's specified target Dec [deg]
ra_nom	210.85440061281	Nominal RA [deg]
dec_nom	39.666065980367	Nominal Dec [deg]
roll_nom	160.9007150687	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1840.2961812615	Sum of GTIs [s]
livetime	1816.251356847	Livetime [s]
ontime3	1837.0320108533	Sum of GTIs [s]
ontime5	1840.2551412582	Sum of GTIs [s]
ontime6	1840.2141012549	Sum of GTIs [s]
ontime7	1840.2961812615	Sum of GTIs [s]
ontime8	1840.1320212483	Sum of GTIs [s]
l2events	17865	Number of level 2 events

