

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12480 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

See axaff12480N002-VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.0416000080109

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	401221	Sequence number
obs_id	12480	Observation id
title	The Nearest and Brightest Quiescent Low Mass X-ray Binaries	Propos
observer	Prof. Robert Rutledge	Principal investigator
object	1RXS J184756.1-221938	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	281.98375	Observer's specified target RA [deg]
dec_targ	-22.327222	Observer's specified target Dec [deg]
ra_nom	282.02466045125	Nominal RA [deg]
dec_nom	-22.267782655928	Nominal Dec [deg]
roll_nom	94.439893353981	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1041.6000080109	Sum of GTIs [s]
livetime	1027.9907370914	Livetime [s]
ontime3	1041.6000080109	Sum of GTIs [s]
ontime5	1041.6000080109	Sum of GTIs [s]
ontime6	1041.6000080109	Sum of GTIs [s]
ontime7	1041.6000080109	Sum of GTIs [s]
ontime8	1041.6000080109	Sum of GTIs [s]
l2events	12141	Number of level 2 events

