

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12496 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

See [axaff12496N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.7373000210524

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	401237	Sequence number
obs_id	12496	Observation id
title	The Nearest and Brightest Quiescent Low Mass X-ray Binaries	Propos
observer	Prof. Robert Rutledge	Principal investigator
object	1RXS J095703.2+563138	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	149.263333	Observer's specified target RA [deg]
dec_targ	56.527222	Observer's specified target Dec [deg]
ra_nom	149.14496387998	Nominal RA [deg]
dec_nom	56.554482510766	Nominal Dec [deg]
roll_nom	194.05685609047	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2737.3000210524	Sum of GTIs [s]
livetime	2701.5351811064	Livetime [s]
ontime3	2737.3000210524	Sum of GTIs [s]
ontime5	2737.3000210524	Sum of GTIs [s]
ontime6	2737.3000210524	Sum of GTIs [s]
ontime7	2737.3000210524	Sum of GTIs [s]
ontime8	2737.3000210524	Sum of GTIs [s]
l2events	31082	Number of level 2 events

