

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12483 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

See [axaff12483N002-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	2.0398000156879

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	401224	Sequence number
obs_id	12483	Observation id
title	The Nearest and Brightest Quiescent Low Mass X-ray Binaries	Propos
observer	Prof. Robert Rutledge	Principal investigator
object	1RXS J135606.8+413613	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	209.028333	Observer's specified target RA [deg]
dec_targ	41.603611	Observer's specified target Dec [deg]
ra_nom	208.97078074901	Nominal RA [deg]
dec_nom	41.659637969405	Nominal Dec [deg]
roll_nom	164.26822383022	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2039.8000156879	Sum of GTIs [s]
livetime	2013.1485268041	Livetime [s]
ontime3	2039.8000156879	Sum of GTIs [s]
ontime5	2039.8000156879	Sum of GTIs [s]
ontime6	2039.8000156879	Sum of GTIs [s]
ontime7	2039.8000156879	Sum of GTIs [s]
ontime8	2039.8000156879	Sum of GTIs [s]
l2events	20093	Number of level 2 events

