

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12488 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 9 2012

See axaff12488N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.12
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	401229	Sequence number
obs_id	12488	Observation id
title	The Nearest and Brightest Quiescent Low Mass X-ray Binaries	Propos
observer	Prof. Robert Rutledge	Principal investigator
object	1RXS J212743.5-221145	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	321.93125	Observer's specified target RA [deg]
dec_targ	-22.195833	Observer's specified target Dec [deg]
ra_nom	321.95429825841	Nominal RA [deg]
dec_nom	-22.128018659591	Nominal Dec [deg]
roll_nom	109.07936296125	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	10734	Number of level 2 events

