V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12484 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See axaff12484N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2384640803337

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	401225	Sequence number
obs_id	12484	Observation id
title	The Nearest and Brightest Quiescent Low Mass X-ray Binaries	Propos
observer	Prof. Robert Rutledge	Principal investigator
object	1RXS J125948.7+342325	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	194.952917	Observer's specified target RA [deg]
dec_targ	34.390278	Observer's specified target Dec [deg]
ra_nom	194.91881921672	Nominal RA [deg]
dec_nom	34.45514532385	Nominal Dec [deg]
roll_nom	150.0818927119	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3238.4640789032	Sum of GTIs [s]
livetime	3196.1511615898	Livetime [s]
ontime3	3238.3409588933	Sum of GTIs [s]
ontime5	3238.4230388999	Sum of GTIs [s]
ontime6	3238.3819988966	Sum of GTIs [s]
ontime7	3238.4640789032	Sum of GTIs [s]
ontime8	3238.29991889	Sum of GTIs [s]
l2events	34887	Number of level 2 events