

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12487 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

See axaff12487N002-VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.6426299340129

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	401228	Sequence number
obs_id	12487	Observation id
title	The Nearest and Brightest Quiescent Low Mass X-ray Binaries	Propos
observer	Prof. Robert Rutledge	Principal investigator
object	1RXS J034121.4-463059	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	55.339167	Observer's specified target RA [deg]
dec_targ	-46.516389	Observer's specified target Dec [deg]
ra_nom	55.236492830391	Nominal RA [deg]
dec_nom	-46.516956981694	Nominal Dec [deg]
roll_nom	216.98090164185	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1642.6299363375	Sum of GTIs [s]
livetime	1621.1677669327	Livetime [s]
ontime3	1642.5068163276	Sum of GTIs [s]
ontime5	1642.5888963342	Sum of GTIs [s]
ontime6	1642.5478563309	Sum of GTIs [s]
ontime7	1642.6299363375	Sum of GTIs [s]
ontime8	1642.4657763243	Sum of GTIs [s]
l2events	16708	Number of level 2 events

