V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12490 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

See axaff12490N002_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	1.13770000875

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	401231	Sequence number
obs_id	12490	Observation id
title	The Nearest and Brightest Quiescent Low Mass X-ray Binaries	Propos
observer	Prof. Robert Rutledge	Principal investigator
object	1RXS J143157.4+370635	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	217.989167	Observer's specified target RA [deg]
dec_targ	37.109722	Observer's specified target Dec [deg]
ra_nom	218.02926160462	Nominal RA [deg]
dec_nom	37.17262154601	Nominal Dec [deg]
roll_nom	99.778481213422	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1137.70000875	Sum of GTIs [s]
livetime	1122.8351205731	Livetime [s]
ontime3	1137.70000875	Sum of GTIs [s]
ontime5	1137.70000875	Sum of GTIs [s]
ontime6	1137.70000875	Sum of GTIs [s]
ontime7	1137.70000875	Sum of GTIs [s]
ontime8	1137.70000875	Sum of GTIs [s]
l2events	12628	Number of level 2 events