

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12677 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 1 2012

See axaff12677N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.0637999855876

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	501510	Sequence number
obs_id	12677	Observation id
title	Completing Identification of the Nearest and Brightest Neutron Stars	
observer	Prof. Derek Fox	Principal investigator
object	1RXSJ044048.0+292440	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	70.202083	Observer's specified target RA [deg]
dec_targ	29.409583	Observer's specified target Dec [deg]
ra_nom	70.204826762164	Nominal RA [deg]
dec_nom	29.405186420356	Nominal Dec [deg]
roll_nom	266.75911170362	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2063.7999855876	Sum of GTIs [s]
livetime	2015.1518491815	Livetime [s]
ontime3	2062.0589953661	Sum of GTIs [s]
ontime5	2063.7999855876	Sum of GTIs [s]
ontime6	2063.7999855876	Sum of GTIs [s]
ontime7	2063.7999855876	Sum of GTIs [s]
ontime8	2063.7999855876	Sum of GTIs [s]
l2events	12184	Number of level 2 events

