

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12390 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

See axaff12390N002-VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.38715887928

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	200724	Sequence number
obs_id	12390	Observation id
title	Testing 'Collect and Collapse' Triggered Star Formation Models in DR15	Proposal title
observer	Dr Nicholas Wright	Principal investigator
object	DR15	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	308.084375	Observer's specified target RA [deg]
dec_targ	40.275833	Observer's specified target Dec [deg]
ra_nom	308.09451590324	Nominal RA [deg]
dec_nom	40.278145234371	Nominal Dec [deg]
roll_nom	359.37763182831	Nominal Roll [deg]
revision	2	Processing version of data
ontime	40387.15887928	Sum of GTIs [s]
livetime	39875.752355323	Livetime [s]
ontime0	40383.917908967	Sum of GTIs [s]
ontime1	40390.399849594	Sum of GTIs [s]
ontime2	40387.15887928	Sum of GTIs [s]
ontime3	40387.15887928	Sum of GTIs [s]
ontime6	40390.399849594	Sum of GTIs [s]
ontime7	40390.399849594	Sum of GTIs [s]
l2events	308253	Number of level 2 events

