

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12845 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

See axaff12845N002-VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.064499317646

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	702478	Sequence number
obs_id	12845	Observation id
title	X-ray properties of the Youngest Radio Sources	Proposal title
observer	Aneta Siemiginowska	Principal investigator
object	B3 0710+439	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	108.409167	Observer's specified target RA [deg]
dec_targ	43.821444	Observer's specified target Dec [deg]
ra_nom	108.40569584066	Nominal RA [deg]
dec_nom	43.817301543637	Nominal Dec [deg]
roll_nom	207.13775996881	Nominal Roll [deg]
revision	2	Processing version of data
ontime	40064.499317646	Sum of GTIs [s]
liveltime	37845.662207644	Livetime [s]
ontime2	40064.499317646	Sum of GTIs [s]
ontime3	40064.499317646	Sum of GTIs [s]
ontime6	40064.499317646	Sum of GTIs [s]
ontime7	40064.499317646	Sum of GTIs [s]
ontime8	40064.499317646	Sum of GTIs [s]
l2events	40141	Number of level 2 events

