

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12449 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 5 2012

See axaff12449N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.0099631957412

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	401190	Sequence number
obs_id	12449	Observation id
title	Precise Localization of Transient Low-Mass X-ray Binaries	Proposal
observer	Prof. Deepto Chakrabarty	Principal investigator
object	SAX J1806.5-2215	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	271.635625	Observer's specified target RA [deg]
dec_targ	-22.237667	Observer's specified target Dec [deg]
ra_nom	271.63244082831	Nominal RA [deg]
dec_nom	-22.23004711549	Nominal Dec [deg]
roll_nom	90.454870410584	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1009.9631977677	Sum of GTIs [s]
livetime	915.98331014669	Livetime [s]
ontime7	1009.9631977677	Sum of GTIs [s]
l2events	2979	Number of level 2 events

