

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12766 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 3 2012

See [axaff12766N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.440349040329

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	702402	Sequence number
obs_id	12766	Observation id
title	X-ray Properties of 2MASS Selected BALQSOs	Proposal title
observer	Dr. Xinyu Dai	Principal investigator
object	SDSSJ104130.17+000118.8	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	160.375833	Observer's specified target RA [deg]
dec_targ	0.021917	Observer's specified target Dec [deg]
ra_nom	160.37614553748	Nominal RA [deg]
dec_nom	0.026752205159509	Nominal Dec [deg]
roll_nom	54.462875788483	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10440.349039197	Sum of GTIs [s]
livetime	10303.938192927	Livetime [s]
ontime2	10437.043859005	Sum of GTIs [s]
ontime3	10440.26695919	Sum of GTIs [s]
ontime6	10440.307999194	Sum of GTIs [s]
ontime7	10440.349039197	Sum of GTIs [s]
ontime8	10440.225919187	Sum of GTIs [s]
l2events	68931	Number of level 2 events

