

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12706 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 1 2012

See [axaff12706N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2012.02.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0960000204444

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	702342	Sequence number
obs_id	12706	Observation id
title	The Nature of Weak-Line Quasars at Low Redshift	Proposal title
observer	Prof. William Brandt	Principal investigator
object	SDSS J0945+1009	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	146.391667	Observer's specified target RA [deg]
dec_targ	10.163917	Observer's specified target Dec [deg]
ra_nom	146.39076594969	Nominal RA [deg]
dec_nom	10.168743433805	Nominal Dec [deg]
roll_nom	65.989568391775	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3096.0000204444	Sum of GTIs [s]
livetime	3026.9847677399	Livetime [s]
ontime2	3096.0000204444	Sum of GTIs [s]
ontime3	3096.0000204444	Sum of GTIs [s]
ontime5	3096.0000204444	Sum of GTIs [s]
ontime6	3096.0000204444	Sum of GTIs [s]
ontime7	3096.0000204444	Sum of GTIs [s]
ontime8	3096.0000204444	Sum of GTIs [s]
l2events	19242	Number of level 2 events

