

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12856 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See [axaff12856N001-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	15.071303615868

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	702489	Sequence number
obs_id	12856	Observation id
title	Extreme Velocity Quasar Outflows and the Role of X-Ray Shielding	P
observer	Fred Hamann	Principal investigator
object	J093857.02+412821.19	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	144.7375	Observer's specified target RA [deg]
dec_targ	41.472556	Observer's specified target Dec [deg]
ra_nom	144.73453990055	Nominal RA [deg]
dec_nom	41.470504265126	Nominal Dec [deg]
roll_nom	165.52671669001	Nominal Roll [deg]
revision	1	Processing version of data
ontime	15071.303615868	Sum of GTIs [s]
livetime	14669.934215726	Livetime [s]
ontime7	15071.303615868	Sum of GTIs [s]
l2events	27727	Number of level 2 events

