

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12716 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

See [axaff12716N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.064403824568

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	702352	Sequence number
obs_id	12716	Observation id
title	First X-ray observations of Low-Power Compact Steep Spectrum Sources	
observer	Dr Magdalena Kunert-Bajraszewska	Principal investigator
object	0810+077	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	123.349167	Observer's specified target RA [deg]
dec_targ	7.568278	Observer's specified target Dec [deg]
ra_nom	123.35326713607	Nominal RA [deg]
dec_nom	7.5656415839251	Nominal Dec [deg]
roll_nom	295.15611290821	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10064.403823674	Sum of GTIs [s]
livetime	9507.0207769777	Livetime [s]
ontime2	10064.239663661	Sum of GTIs [s]
ontime3	10064.321743667	Sum of GTIs [s]
ontime6	10064.36278367	Sum of GTIs [s]
ontime7	10064.403823674	Sum of GTIs [s]
ontime8	10064.280703664	Sum of GTIs [s]
l2events	10205	Number of level 2 events

