

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 12906 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See axaff12906N002-VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	33.373313779235

## 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	801043	Sequence number
obs_id	12906	Observation id
title	Abell 1882: A Proto-cluster at Low Redshift	Proposal title
observer	Professor Christopher Miller	Principal investigator
object	A1882a	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	213.7775	Observer's specified target RA [deg]
dec_targ	-0.491	Observer's specified target Dec [deg]
ra_nom	213.77503666771	Nominal RA [deg]
dec_nom	-0.48681876339946	Nominal Dec [deg]
roll_nom	88.816821611107	Nominal Roll [deg]
revision	2	Processing version of data
ontime	33373.313779831	Sum of GTIs [s]
livetime	32937.266866221	Livetime [s]
ontime2	33373.149619818	Sum of GTIs [s]
ontime3	33373.190659821	Sum of GTIs [s]
ontime5	33373.272739828	Sum of GTIs [s]
ontime6	33373.231699824	Sum of GTIs [s]
ontime7	33373.313779831	Sum of GTIs [s]
l2events	361219	Number of level 2 events

