

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 12912 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See [axaff12912N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	16.43793691808

## 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	801049	Sequence number
obs_id	12912	Observation id
title	Abell 1882: A Proto-cluster at Low Redshift	Proposal title
observer	Professor Christopher Miller	Principal investigator
object	A1882c	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	213.74125	Observer's specified target RA [deg]
dec_targ	-0.348806	Observer's specified target Dec [deg]
ra_nom	213.73840726354	Nominal RA [deg]
dec_nom	-0.34486491221725	Nominal Dec [deg]
roll_nom	94.035684106471	Nominal Roll [deg]
revision	2	Processing version of data
ontime	16437.936922133	Sum of GTIs [s]
livetime	16223.163174812	Livetime [s]
ontime2	16428.349661112	Sum of GTIs [s]
ontime3	16437.813812017	Sum of GTIs [s]
ontime5	16437.895892024	Sum of GTIs [s]
ontime6	16434.713821769	Sum of GTIs [s]
ontime7	16437.936922133	Sum of GTIs [s]
l2events	173513	Number of level 2 events

