

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12905 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See [axaff12905N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	33.374111019433

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	801042	Sequence number
obs_id	12905	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	
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	213.77470539913	Nominal RA [deg]
dec_nom	-0.48702422697584	Nominal Dec [deg]
roll_nom	93.405436513411	Nominal Roll [deg]
revision	2	Processing version of data
ontime	33374.111023307	Sum of GTIs [s]
livetime	32938.053693124	Livetime [s]
ontime2	33373.946863294	Sum of GTIs [s]
ontime3	33367.705852687	Sum of GTIs [s]
ontime5	33374.069983304	Sum of GTIs [s]
ontime6	33370.887922943	Sum of GTIs [s]
ontime7	33374.111023307	Sum of GTIs [s]
l2events	362320	Number of level 2 events

