

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12914 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See axaff12914N002-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	37.522359268308

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	801051	Sequence number
obs_id	12914	Observation id
title	Probing the Dynamics of the Merging Subclusters in Abell 1750	Prop
observer	Dr Stephen Murray	Principal investigator
object	a1750ss	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	202.565833	Observer's specified target RA [deg]
dec_targ	-2.041306	Observer's specified target Dec [deg]
ra_nom	202.54695929463	Nominal RA [deg]
dec_nom	-2.0678756091326	Nominal Dec [deg]
roll_nom	82.112487666095	Nominal Roll [deg]
revision	2	Processing version of data
ontime	37522.359268367	Sum of GTIs [s]
livetime	37032.102020967	Livetime [s]
ontime0	37522.359268367	Sum of GTIs [s]
ontime1	37522.359268248	Sum of GTIs [s]
ontime2	37525.500288606	Sum of GTIs [s]
ontime3	37522.359268248	Sum of GTIs [s]
ontime6	37522.359258354	Sum of GTIs [s]
l2events	128516	Number of level 2 events

