

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13416 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 11 2012

See [axaff13416N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.771360081792

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	890061	Sequence number
obs_id	13416	Observation id
title	Mapping the Spatial Distribution of the ACIS Contaminant	Proposal
observer	Dr. CXC Calibration	Principal investigator
object	Abell 1795	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	207.219583	Observer's specified target RA [deg]
dec_targ	26.590833	Observer's specified target Dec [deg]
ra_nom	207.1733837469	Nominal RA [deg]
dec_nom	26.555986914551	Nominal Dec [deg]
roll_nom	222.22554100534	Nominal Roll [deg]
revision	2	Processing version of data
ontime	14771.360089779	Sum of GTIs [s]
livetime	14578.361395689	Livetime [s]
ontime0	14777.601020515	Sum of GTIs [s]
ontime1	14771.360089779	Sum of GTIs [s]
ontime2	14774.54210031	Sum of GTIs [s]
ontime3	14777.700113654	Sum of GTIs [s]
ontime6	14777.559980512	Sum of GTIs [s]
l2events	152217	Number of level 2 events

