

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 13216 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

See [axaff13216N002-VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.548799897432

## 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	900956	Sequence number
obs_id	13216	Observation id
title	Properties of the Warm-Hot Intergalactic Medium Using X-ray/SZ Cross-Correlation	Proposal title
observer	Dr. Massimiliano Galeazzi	Principal investigator
object	Blanco Cosmological Survey	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	79.25	Observer's specified target RA [deg]
dec_targ	-52.0	Observer's specified target Dec [deg]
ra_nom	79.257878195475	Nominal RA [deg]
dec_nom	-52.000363548863	Nominal Dec [deg]
roll_nom	324.16284304448	Nominal Roll [deg]
revision	2	Processing version of data
ontime	27548.799897432	Sum of GTIs [s]
livetime	27199.960405235	Livetime [s]
ontime2	27548.799897432	Sum of GTIs [s]
ontime3	27548.799897432	Sum of GTIs [s]
ontime5	27548.799897432	Sum of GTIs [s]
ontime6	27545.558966696	Sum of GTIs [s]
ontime7	27548.799897432	Sum of GTIs [s]
ontime8	27548.799897432	Sum of GTIs [s]
l2events	316655	Number of level 2 events

