

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12195 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 3 2012

See axaff12195N002-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	5.0561000388861

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	800961	Sequence number
obs_id	12195	Observation id
title	The Chandra Cluster Outskirts Snapshot Survey	Proposal title
observer	Prof. Gordon Garmire	Principal investigator
object	A1413_Field2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	179.1144	Observer's specified target RA [deg]
dec_targ	23.45898	Observer's specified target Dec [deg]
ra_nom	179.10199276666	Nominal RA [deg]
dec_nom	23.455600957312	Nominal Dec [deg]
roll_nom	95.009253872814	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5056.1000388861	Sum of GTIs [s]
livetime	4990.0383696313	Livetime [s]
ontime0	5056.1000388861	Sum of GTIs [s]
ontime1	5056.1000388861	Sum of GTIs [s]
ontime2	5052.9590088129	Sum of GTIs [s]
ontime3	5056.1000388861	Sum of GTIs [s]
ontime6	5052.9590385556	Sum of GTIs [s]
l2events	17446	Number of level 2 events

