

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12269 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

See axaff12269N002-VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.050343553662

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	800988	Sequence number
obs_id	12269	Observation id
title	Chandra Observations of the ACT Sample of SZE-Selected Galaxy Clusters	Proposal title
observer	Prof John Hughes	Principal investigator
object	ACT J0217-5245	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	34.312083	Observer's specified target RA [deg]
dec_targ	-52.7605	Observer's specified target Dec [deg]
ra_nom	34.2738663087	Nominal RA [deg]
dec_nom	-52.80973793453	Nominal Dec [deg]
roll_nom	246.88942213674	Nominal Roll [deg]
revision	2	Processing version of data
ontime	20050.343556523	Sum of GTIs [s]
livetime	19788.371057109	Livetime [s]
ontime0	20053.361406803	Sum of GTIs [s]
ontime1	20050.261486411	Sum of GTIs [s]
ontime2	20050.302526474	Sum of GTIs [s]
ontime3	20050.343556523	Sum of GTIs [s]
ontime6	20053.3203668	Sum of GTIs [s]
l2events	71500	Number of level 2 events

