

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 11327 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 11 2012

See axaff11327N002-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	11.452799957395

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	600846	Sequence number
obs_id	11327	Observation id
title	Accretion onto nuclear black holes in early type galaxies: comparing field vs. clusters	Proposal title
observer	Elena Gallo	Principal investigator
object	SDSSJ150100.85+010049.8	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	225.254	Observer's specified target RA [deg]
dec_targ	1.0138	Observer's specified target Dec [deg]
ra_nom	225.25274308256	Nominal RA [deg]
dec_nom	1.009145269812	Nominal Dec [deg]
roll_nom	222.28896717511	Nominal Roll [deg]
revision	2	Processing version of data
ontime	11452.799957395	Sum of GTIs [s]
livetime	11307.777708286	Livetime [s]
ontime4	11452.799957395	Sum of GTIs [s]
ontime5	11452.799957395	Sum of GTIs [s]
ontime6	11452.799957395	Sum of GTIs [s]
ontime7	11452.799957395	Sum of GTIs [s]
ontime8	11452.799957395	Sum of GTIs [s]
ontime9	11452.799957395	Sum of GTIs [s]
l2events	122855	Number of level 2 events

