

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13212 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

See [axaff13212N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.186400151849

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	600982	Sequence number
obs_id	13212	Observation id
title	An Unusual Outburst from the Nucleus of the Quiescent Galaxy NGC 1589	Proposal title
observer	Prof. Alexei Filippenko	Principal investigator
object	NGC1589-OT	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	67.689167	Observer's specified target RA [deg]
dec_targ	0.863611	Observer's specified target Dec [deg]
ra_nom	67.693259203234	Nominal RA [deg]
dec_nom	0.86104234434041	Nominal Dec [deg]
roll_nom	296.33648292452	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10186.400151849	Sum of GTIs [s]
livetime	9689.3371557584	Livetime [s]
ontime7	10186.400151849	Sum of GTIs [s]
l2events	5894	Number of level 2 events

