

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 11270 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

See axaff11270N002-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	35.358696905673

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	600789	Sequence number
obs_id	11270	Observation id
title	X-Rays from Blue Compact Dwarf Galaxies	Proposal title
observer	Prof. Philip Kaaret	Principal investigator
object	UM 461	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	177.88875	Observer's specified target RA [deg]
dec_targ	-2.372778	Observer's specified target Dec [deg]
ra_nom	177.88819964288	Nominal RA [deg]
dec_nom	-2.367977285974	Nominal Dec [deg]
roll_nom	64.834280106169	Nominal Roll [deg]
revision	2	Processing version of data
ontime	35358.696906149	Sum of GTIs [s]
livetime	34910.963795473	Livetime [s]
ontime3	35358.573786139	Sum of GTIs [s]
ontime5	35358.655866146	Sum of GTIs [s]
ontime6	35358.614826143	Sum of GTIs [s]
ontime7	35358.696906149	Sum of GTIs [s]
ontime8	35358.532746136	Sum of GTIs [s]
ontime9	35358.737946153	Sum of GTIs [s]
l2events	418511	Number of level 2 events

