

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12963 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

See [axaff12963N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5518921410441

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	600931	Sequence number
obs_id	12963	Observation id
title	X-rays from Isolated Elliptical Galaxies	Proposal title
observer	Dr. DAVID BUOTE	Principal investigator
object	UGC 09874	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	231.812083	Observer's specified target RA [deg]
dec_targ	77.156833	Observer's specified target Dec [deg]
ra_nom	231.79039720114	Nominal RA [deg]
dec_nom	77.157410506099	Nominal Dec [deg]
roll_nom	141.50227571996	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7551.8921484351	Sum of GTIs [s]
livetime	7456.2655428481	Livetime [s]
ontime2	7551.9331884384	Sum of GTIs [s]
ontime3	7551.7690284252	Sum of GTIs [s]
ontime5	7551.8511084318	Sum of GTIs [s]
ontime6	7551.8100684285	Sum of GTIs [s]
ontime7	7551.8921484351	Sum of GTIs [s]
ontime8	7551.7279884219	Sum of GTIs [s]
l2events	78855	Number of level 2 events

