

V&V Summary Report

L2 ASCDS Version : 7.6.10

Observation 863 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Jul 24 2007

See [axaff00863N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.08.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.347

Comments

Zeroth order piled up. Standard data processing software did not correctly locate the zeroth order due to pileup. Manual intervention was used to input the correct sky coordinates (x=4064.51, y=4009.09) into the *srcla.fits file table. These corrected coordinates were determined using a software tool developed by CXC called findzero, which is expected to be released in CIAO (currently in ISIS). The tool calculates the point of intersection of the readout streak and the meg arm (preferred position), or the readout streak and the heg arm. The zeroth order source position determined by the standard pipeline processing using the tool tgdetect was not used in this processing. The newly determined zeroth order coordinates have been placed in the *srcla.fits file, replacing the coordinates determined by tgdetect. Note that these corrected coordinates of the zeroth order cannot be reproduced by running tgdetect on the data.

seq_num	700168
obs_id	863
title	HETG OBSERVATION OF AN UNUSUAL SPECTRAL FEATURE IN THE NARROW-LINE SEYFERT 1 GALAXY ARK 564
observer	PROF. KAREN LEIGHLY
object	ARK 564
dtcycle	0
cycle	P
ra_targ	340.66375
dec_targ	29.725278
ra_nom	340.65882156006
dec_nom	29.7373086633
roll_nom	117.88461763366
revision	5
ontime	49347.200045958
livetime	48722.33608566
ontime4	49347.200045958
ontime5	49347.200045958
ontime6	49347.200045958
ontime7	49347.200045958
ontime8	49327.754344419
ontime9	49347.200045958
l2events	564367

