

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 863 - L2 Version 6
Chandra X-Ray Center

L2 Processing Date : Aug 31 2012

See axaff00863N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.07
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=4064.45, y=4009.08) 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 as tg_findzo (currently in ISIS as findzo). The tool calculates the point of intersection of the readout streak and the meg 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	Sequence number
obs_id	863	Observation id
title	HETG OBSERVATION OF AN UNUSUAL SPECTRAL FEATURE IN THE NARROW-LINE SEYFERT 1 GALAXY ARK 564	Proposal title
observer	Dr. Karen Leighly	Principal investigator
object	ARK 564	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	340.66375	Observer's specified target RA [deg]
dec_targ	29.725278	Observer's specified target Dec [deg]
ra_nom	340.65882156006	Nominal RA [deg]
dec_nom	29.7373086633	Nominal Dec [deg]
roll_nom	117.88461763366	Nominal Roll [deg]
revision	6	Processing version of data
ontime	49346.038377255	Sum of GTIs [s]
livetime	48721.189126705	Livetime [s]
ontime4	49346.079417259	Sum of GTIs [s]
ontime5	49345.997337252	Sum of GTIs [s]
ontime6	49345.956297264	Sum of GTIs [s]
ontime7	49346.038377255	Sum of GTIs [s]
ontime8	49326.469416082	Sum of GTIs [s]
ontime9	49345.874217257	Sum of GTIs [s]
l2events	562067	Number of level 2 events

