

V&V Summary Report

L2 ASCDS Version : 7.6.10

Observation 701 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Jul 27 2007

See [axaff00701N002_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	28.848

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=4058.19; y=4091.53) into the *src1a.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 *src1a.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	400068
obs_id	701
title	RESOLVING LOW ENERGY LINES FROM LMXRB
observer	Dr Lorella Angelini
object	X0918-54
dtcycle	0
cycle	P
ra_targ	140.11125
dec_targ	-55.206389
ra_nom	140.10314357785
dec_nom	-55.206202430167
roll_nom	200.61498854369
revision	4
ontime	28848.000026867
livetime	28482.709280346
ontime4	28848.000026867
ontime5	28848.000026867
ontime6	28848.000026867
ontime7	28848.000026867
ontime8	28848.000026867
ontime9	28844.759066626
l2events	386313

