

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 701 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 31 2012

See [axaff00701N003_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	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 ($x=4058.1$, $y=4091.54$) 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	400068	Sequence number
obs_id	701	Observation id
title	RESOLVING LOW ENERGY LINES FROM LMXRB	Proposal title
observer	Dr Lorella Angelini	Principal investigator
object	X0918-54	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	140.11125	Observer's specified target RA [deg]
dec_targ	-55.206389	Observer's specified target Dec [deg]
ra_nom	140.10314357785	Nominal RA [deg]
dec_nom	-55.206202430167	Nominal Dec [deg]
roll_nom	200.61498854369	Nominal Roll [deg]
revision	5	Processing version of data
ontime	28847.737116888	Sum of GTIs [s]
livetime	28482.449699492	Livetime [s]
ontime4	28847.778156891	Sum of GTIs [s]
ontime5	28847.696076885	Sum of GTIs [s]
ontime6	28847.655036896	Sum of GTIs [s]
ontime7	28847.737116888	Sum of GTIs [s]
ontime8	28847.613996893	Sum of GTIs [s]
ontime9	28844.33199665	Sum of GTIs [s]
l2events	382383	Number of level 2 events

