

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 1921 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 21 2012

See axaff01921N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.043

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 ($x=4082.08$, $y=4083.53$) 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	400134	Sequence number
obs_id	1921	Observation id
title	DETAILED STUDY OF THE IRON LINE AND LOW ENERGY FEATURES IN Z AND ATOLL SOURCES	Proposal title
observer	Prof. Natale Robba	Principal investigator
object	GX340+0	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	251.448333	Observer's specified target RA [deg]
dec_targ	-45.610833	Observer's specified target Dec [deg]
ra_nom	251.44574870707	Nominal RA [deg]
dec_nom	-45.609571118216	Nominal Dec [deg]
roll_nom	274.68380059315	Nominal Roll [deg]
revision	4	Processing version of data
ontime	24043.600102365	Sum of GTIs [s]
livetime	23358.852039715	Livetime [s]
ontime4	24043.600102365	Sum of GTIs [s]
ontime5	24043.600102365	Sum of GTIs [s]
ontime6	24043.600102365	Sum of GTIs [s]
ontime7	24043.600102365	Sum of GTIs [s]
ontime8	24043.600102365	Sum of GTIs [s]
ontime9	24043.600102365	Sum of GTIs [s]
l2events	1671817	Number of level 2 events

