

# V&V Summary Report

## L2 ASCDS Version : 7.6.10

Observation 72 - L2 Version 5  
Chandra X-Ray Center

L2 Processing Date : Aug 3 2007

See [axaff00072N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.08.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.228

## 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=32758.05; y=32890.83) 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 leg 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.=====

Count rate varies from about 50 to 200 cts/s during the course of the

observation, probably due to the high radiation environment.

seq_num	300034
obs_id	72
title	MULTIWAVELENGTH TOO OBSERVATIONS OF BRIGHT NOVAE IN OUTBURST
observer	Professor Sumner Starrfield
object	V1494 Aql
ra_targ	290.772
dec_targ	4.956
ra_nom	290.77198597414
dec_nom	4.9510877252236
roll_nom	272.38833896182
revision	5
ontime	18234.750687808
livetime	18069.135218177
l2events	1466631

