V&V Summary Report
L2 ASCDS Version : 7.6.10

Observation 703 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 8 2007

See axaff00703N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	21.188

Comments

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Standard data processing software did not correctly
locate the zeroth order because a spatial exclusion window was used to
block the
zeroth order image. Manual intervention was used
to input the correct sky coordinates (X = 4082.12, Y = 4122.38) 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
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running
tgdetect on the data.

seq_num	400070
obs_id	703
title	HIGH RESOLUTION X-RAY SPECTROSCOPY OF COMPACT BINARIES
observer	Dr. Saeqa Vrtilek
object	4U 1728-16
dtycycle	0
cycle	P
ra_targ	262.934125
dec_targ	-16.961439
ra_nom	262.93183824092
dec_nom	-16.965522366917
roll_nom	264.59238909922
revision	5
ontime	21187.79996492
livetime	20715.486864411
ontime4	21187.79996492
ontime5	21187.79996492
ontime6	21187.79996492
ontime7	21187.79996492
ontime8	21187.79996492
ontime9	21187.79996492
l2events	2662729