V&V Summary Report
L2 ASCDS Version : 7.6.10

Observation 645 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 3 2007

See axaff00645N002_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	24.109

Comments

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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=32779.08; y=32916.92) 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 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 *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.========

Optical monitoring of the target was performed during the observation
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in guide star slot 7.

seq_num	300014
obs_id	645
title	THE TEMPERATURE STRUCTURE IN THE ACCRETION REGION OF AM HERCULIS
observer	DR. KLAUS REINSCH
object	AM HER
ra_targ	274.055417
dec_targ	49.8675
ra_nom	274.05571745787
dec_nom	49.862580525146
roll_nom	274.33754669316
revision	5
ontime	24117.482159495
livetime	23969.656636594
l2events	1214461