V&V Summary Report
L2 ASCDS Version : 8.4.4

Observation 9703 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 14 2012

See axaff09703N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.185

Comments

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Narrow collimated jet structure separated from source by about 8 arcsec
toward
the southwest. The jet is about 8 arcsec in length. This jet structure
lies approximately along the spectral dispersion direction and could
cause contamination in the dispersed spectrum.
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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=4098.5, y=4132.24) 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 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.
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seq_num	790180	Sequence number
obs_id	9703	Observation id
title	AO9 Calibration Observations of 3C273	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	3C273	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	187.277917	Observer's specified target RA [deg]
dec_targ	2.052389	Observer's specified target Dec [deg]
ra_nom	187.27821035074	Nominal RA [deg]
dec_nom	2.0475416035547	Nominal Dec [deg]
roll_nom	241.70019569099	Nominal Roll [deg]
revision	3	Processing version of data
ontime	30185.0	Sum of GTIs [s]
livetime	29697.486068696	Livetime [s]
ontime4	30185.0	Sum of GTIs [s]
ontime5	30185.0	Sum of GTIs [s]
ontime6	30185.0	Sum of GTIs [s]
ontime7	30185.0	Sum of GTIs [s]
ontime8	30185.0	Sum of GTIs [s]
ontime9	30185.0	Sum of GTIs [s]
l2events	478576	Number of level 2 events