V&V Summary Report
L2 ASCDS Version : 7.6.10

Observation 646 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 30 2007

See axaff00646N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.08.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	47.948

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=4045.64, y=4088.54) 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
running
tgdetect on the data.
```

seq_num	300015
obs_id	646
title	HIGH-RESOLUTION X-RAY SPECTROSCOPY OF SS CYGNI IN QUIESCENCE
observer	Dr Peter Wheatley
object	SS CYGNI
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cycle	P
ra_targ	325.675
dec_targ	43.586111
ra_nom	325.66877400922
dec_nom	43.587173555826
roll_nom	189.5757827232
revision	3
ontime	47948.800044656
livetime	47341.643467189
ontime4	47948.800044656
ontime5	47948.800044656
ontime6	47948.800044656
ontime7	47948.800044656
ontime8	47948.800044656
ontime9	47948.800044656
l2events	635203