V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 646 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 14 2012

See axaff00646N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.19
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=4045.52, y=4088.64) 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 as tg_findzo (currently in ISIS as
findzo). 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	300015	Sequence number
obs_id	646	Observation id
title	HIGH-RESOLUTION X-RAY SPECTROSCOPY OF SS CYGNI IN QUIESCENCE	Propo
observer	Dr Peter Wheatley	Principal investigator
object	SS CYGNI	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	325.675	Observer's specified target RA [deg]
dec_targ	43.586111	Observer's specified target Dec [deg]
ra_nom	325.66877400922	Nominal RA [deg]
dec_nom	43.587173555826	Nominal Dec [deg]
roll_nom	189.5757827232	Nominal Roll [deg]
revision	4	Processing version of data
ontime	47948.005002588	Sum of GTIs [s]
livetime	47340.858492423	Livetime [s]
ontime4	47948.046042591	Sum of GTIs [s]
ontime5	47947.963962585	Sum of GTIs [s]
ontime6	47947.922922596	Sum of GTIs [s]
ontime7	47948.005002588	Sum of GTIs [s]
ontime8	47947.881882593	Sum of GTIs [s]
ontime9	47947.84084259	Sum of GTIs [s]
l2events	633612	Number of level 2 events