

V&V Summary Report

L2 ASCDS Version : 7.6.10

Observation 2307 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 30 2007

See axaff02307N002_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	36.937

Comments

Charge time for this ObsId remains at original value of 36.937 ks, although with the current processing the charge time would have been 37.040 ksec.

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Destreak algorithm applied to Level 1 data did not remove all of the streak artifacts. It is probably advisable to run the destreak algorithm on the Level 2 data for chip 8 only.

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Zereth order piled up. Standard data processing software did not correctly locate the zereth order due to pileup. Manual intervention was used to input the correct sky coordinates (x=4052.25, y=4106.43) into the *srcla.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	300017
obs_id	2307
title	BROAD-BAND HIGH RESOLUTION SPECTROSCOPY OF SS CYGNI IN OUTBURST
observer	Dr. Christopher Mauche
object	SS CYG
dtcycle	0
cycle	P
ra_targ	325.67625
dec_targ	43.585556
ra_nom	325.67001498923
dec_nom	43.584716182782
roll_nom	213.25992626279
revision	3
ontime	37040.000034496
livetime	36570.977251249
ontime4	37040.000034496
ontime5	37040.000034496
ontime6	37040.000034496
ontime7	37040.000034496
ontime8	37040.000034496
ontime9	37040.000034496
l2events	571579

