

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 2307 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Sep 14 2012

See [axaff02307N003\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	36.937

## Comments

Charge time for this ObsId remains at previous value of 36.937 ks, although with the current processing the charge time would have been 38.039 ks.

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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=4052.29, y=4106.46) 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.

seq_num	300017	Sequence number
obs_id	2307	Observation id
title	BROAD-BAND HIGH RESOLUTION SPECTROSCOPY OF SS CYGNI IN OUTBURST	Pr
observer	Christopher Mauche	Principal investigator
object	SS CYG	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	325.67625	Observer's specified target RA [deg]
dec_targ	43.585556	Observer's specified target Dec [deg]
ra_nom	325.67001498923	Nominal RA [deg]
dec_nom	43.584716182783	Nominal Dec [deg]
roll_nom	213.25992626279	Nominal Roll [deg]
revision	4	Processing version of data
ontime	37038.752171725	Sum of GTIs [s]
livetime	36569.745189668	Livetime [s]
ontime4	37038.793211728	Sum of GTIs [s]
ontime5	37038.711131722	Sum of GTIs [s]
ontime6	37038.670091733	Sum of GTIs [s]
ontime7	37038.752171725	Sum of GTIs [s]
ontime8	37038.628942043	Sum of GTIs [s]
ontime9	37038.588011727	Sum of GTIs [s]
l2events	477066	Number of level 2 events

