

# V&V Summary Report

## L2 ASCDS Version : 8.4.4

Observation 10599 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jun 5 2012

See [axaff10599N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.66

## Comments

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 ( $x=4128.12$ ,  $y=4072.6$ ) 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	290835	Sequence number
obs_id	10599	Observation id
title	AO-10 Calibration Observations of Capella	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Capella	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	79.17625	Observer's specified target RA [deg]
dec_targ	45.997889	Observer's specified target Dec [deg]
ra_nom	79.178850681289	Nominal RA [deg]
dec_nom	46.000156870001	Nominal Dec [deg]
roll_nom	293.24390238459	Nominal Roll [deg]
revision	2	Processing version of data
ontime	29660.0	Sum of GTIs [s]
livetime	29180.965274061	Livetime [s]
ontime4	29660.0	Sum of GTIs [s]
ontime5	29660.0	Sum of GTIs [s]
ontime6	29660.0	Sum of GTIs [s]
ontime7	29660.0	Sum of GTIs [s]
ontime8	29660.0	Sum of GTIs [s]
ontime9	29660.0	Sum of GTIs [s]
l2events	500311	Number of level 2 events

