

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 1010 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 18 2012

See axaff01010N002_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	29.92

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 ($x=4105.12$, $y=4085.14$) 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 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 *srcla.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	390002	Sequence number
obs_id	1010	Observation id
title	GRATINGS CALIBRATION OBSERVATIONS OF HZ43 AND CAPELLA	Proposal tit
observer	Dr. CXC Calibration	Principal investigator
object	CAPELLA	Source name
dtcycle	0	
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	79.17403684045	Nominal RA [deg]
dec_nom	45.999450807943	Nominal Dec [deg]
roll_nom	262.6519425892	Nominal Roll [deg]
revision	3	Processing version of data
ontime	29916.800027847	Sum of GTIs [s]
livetime	29537.97549216	Livetime [s]
ontime4	29916.800027847	Sum of GTIs [s]
ontime5	29916.800027847	Sum of GTIs [s]
ontime6	29913.559067622	Sum of GTIs [s]
ontime7	29916.800027847	Sum of GTIs [s]
ontime8	29916.800027847	Sum of GTIs [s]
ontime9	29916.800027847	Sum of GTIs [s]
l2events	340411	Number of level 2 events

