

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 3504 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 30 2012

See axaff03504N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.11.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	97.083

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=4164.6, y=4119.42) 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	400257	Sequence number
obs_id	3504	Observation id
title	VARIABILITY IN THE LINE EMISSION OF THE X-RAY PULSAR 4U 1626-67	Pr
observer	Prof Claude Canizares	Principal investigator
object	4U 1626-67	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	248.069583	Observer's specified target RA [deg]
dec_targ	-67.461667	Observer's specified target Dec [deg]
ra_nom	248.093790339	Nominal RA [deg]
dec_nom	-67.464315695458	Nominal Dec [deg]
roll_nom	354.2105594511	Nominal Roll [deg]
revision	3	Processing version of data
ontime	97095.928718507	Sum of GTIs [s]
livetime	94807.172047433	Livetime [s]
ontime4	97099.45182848	Sum of GTIs [s]
ontime5	97097.628718495	Sum of GTIs [s]
ontime6	97099.328718513	Sum of GTIs [s]
ontime7	97095.928718507	Sum of GTIs [s]
ontime8	97099.28767848	Sum of GTIs [s]
ontime9	97102.728678703	Sum of GTIs [s]
l2events	732066	Number of level 2 events

