

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 10858 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 29 2012

See axaff10858N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.1882997

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 ($x=4126.27$, $y=4113.87$) 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. 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	900906	Sequence number
obs_id	10858	Observation id
title	Absorption and Abundances in the Ultracompact Binary 4U 0614+091	P
observer	Prof Claude Canizares	Principal investigator
object	4U 0614+091	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	94.280417	Observer's specified target RA [deg]
dec_targ	9.136944	Observer's specified target Dec [deg]
ra_nom	94.284782407195	Nominal RA [deg]
dec_nom	9.1347185303994	Nominal Dec [deg]
roll_nom	301.15593797084	Nominal Roll [deg]
revision	3	Processing version of data
ontime	35188.299753308	Sum of GTIs [s]
livetime	34358.837005826	Livetime [s]
ontime4	35186.558713198	Sum of GTIs [s]
ontime5	35188.299753308	Sum of GTIs [s]
ontime6	35188.299753308	Sum of GTIs [s]
ontime7	35188.299753308	Sum of GTIs [s]
ontime8	35188.299753308	Sum of GTIs [s]
ontime9	35188.299753308	Sum of GTIs [s]
l2events	1340543	Number of level 2 events

