

V&V Summary Report

L2 ASCDS Version : 10.6.4

Observation 20738 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 11 2018

See [axaff20738N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2018.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.75620897007

Comments

Zeroth order piled up. The zeroth order sky position was determined using a software tool developed by CXC called findzero, which is available in CIAO as part of the tgdetect2 tool. The tool calculates the point of intersection of the readout streak on the ACIS CCD and the meg or leg dispersed spectral arm, rather than using a centroid position of the source. The findzero results are more accurate than source centroid in this case.

seq_num	402007	Sequence number
obs_id	20738	Observation id
title	Searching for Emission Lines in 4U 1907+09	Proposal title
observer	Claude Canizares	Principal investigator
object	4U 1907+09	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	287.407917	Observer's specified target RA [deg]
dec_targ	9.830278	Observer's specified target Dec [deg]
ra_nom	287.40399629171	Nominal RA [deg]
dec_nom	9.8248344876452	Nominal Dec [deg]
roll_nom	188.85731197083	Nominal Roll [deg]
revision	1	Processing version of data
ontime	28756.20897007	Sum of GTIs [s]
livetime	28037.058421557	Livetime [s]
ontime5	28756.167930126	Sum of GTIs [s]
ontime6	28756.126890063	Sum of GTIs [s]
ontime7	28756.20897007	Sum of GTIs [s]
ontime8	28754.444800019	Sum of GTIs [s]
l2events	231863	Number of level 2 events

