

V&V Summary Report

L2 ASCDS Version : 10.4.3.1

Observation 18769 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 22 2016

See [axaff18769N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.02.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	71.887199285746

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	703106	Sequence number
obs_id	18769	Observation id
title	Uncovering the True Nature of Warm-Absorbing Winds: The Power of the Fe XXII Doublet	Proposal title
observer	Dr. Ashley King	Principal investigator
object	NGC 4051	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	180.79	Observer's specified target RA [deg]
dec_targ	44.531389	Observer's specified target Dec [deg]
ra_nom	180.78739083791	Nominal RA [deg]
dec_nom	44.529885384459	Nominal Dec [deg]
roll_nom	133.15845598737	Nominal Roll [deg]
revision	1	Processing version of data
ontime	71887.199285746	Sum of GTIs [s]
livetime	70678.595306013	Livetime [s]
ontime5	71887.199285746	Sum of GTIs [s]
ontime6	71887.199285746	Sum of GTIs [s]
ontime7	71887.199285746	Sum of GTIs [s]
ontime8	71887.199285746	Sum of GTIs [s]
l2events	569822	Number of level 2 events

