

V&V Summary Report

L2 ASCDS Version : 10.4.3.1

Observation 18785 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 29 2016

See [axaff18785N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.03.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	66.287999341369

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	18785	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	180.78713826307	Nominal RA [deg]
dec_nom	44.529581262501	Nominal Dec [deg]
roll_nom	149.35863293733	Nominal Roll [deg]
revision	1	Processing version of data
ontime	66287.999341369	Sum of GTIs [s]
livetime	65173.531945107	Livetime [s]
ontime5	66287.999341369	Sum of GTIs [s]
ontime6	66283.117251039	Sum of GTIs [s]
ontime7	66287.999341369	Sum of GTIs [s]
ontime8	66285.558261156	Sum of GTIs [s]
ontime9	66287.999341369	Sum of GTIs [s]
l2events	547765	Number of level 2 events

