

# V&V Summary Report

## L2 ASCDS Version : 10.4.3.1

Observation 18787 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Apr 14 2016

See axaff18787N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.04.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.787965464115

## 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.

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seq_num	703106	Sequence number
obs_id	18787	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	&#160
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	180.79063606461	Nominal RA [deg]
dec_nom	44.528709199342	Nominal Dec [deg]
roll_nom	207.15618601361	Nominal Roll [deg]
revision	1	Processing version of data
ontime	25787.965464115	Sum of GTIs [s]
livetime	25354.405136285	Livetime [s]
ontime5	25787.924424171	Sum of GTIs [s]
ontime6	25787.883384109	Sum of GTIs [s]
ontime7	25787.965464115	Sum of GTIs [s]
ontime8	25787.842344165	Sum of GTIs [s]
l2events	197263	Number of level 2 events

