

V&V Summary Report

L2 ASCDS Version : 10.4.3.1

Observation 18768 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 12 2016

See axaff18768N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.02.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	93.455367648125

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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The fid light in slot 2 was lost 60% of the way through the observation and therefore was not used in the aspect solution. Using only 2 fid lights is acceptable for the aspect solution in this case.

seq_num	703106	Sequence number
obs_id	18768	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	180.78724611542	Nominal RA [deg]
dec_nom	44.530023091975	Nominal Dec [deg]
roll_nom	129.15855980235	Nominal Roll [deg]
revision	1	Processing version of data
ontime	93455.367648125	Sum of GTIs [s]
livetime	91884.148705265	Livetime [s]
ontime5	93455.326608181	Sum of GTIs [s]
ontime6	93452.844497919	Sum of GTIs [s]
ontime7	93455.367648125	Sum of GTIs [s]
ontime8	93452.80346787	Sum of GTIs [s]
l2events	768367	Number of level 2 events

