

# V&V Summary Report

## L2 ASCDS Version : 10.4.3

Observation 18736 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Jan 2 2016

See [axaff18736N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	31.522221662998

## Comments

Time constraint met. 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	703293	Sequence number
obs_id	18736	Observation id
title	Deciphering the ionised outflows in NGC 7469	Proposal title
observer	Prof Jelle Kaastra	Principal investigator
object	NGC 7469	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	345.815	Observer's specified target RA [deg]
dec_targ	8.873917	Observer's specified target Dec [deg]
ra_nom	345.81716202169	Nominal RA [deg]
dec_nom	8.8750108033089	Nominal Dec [deg]
roll_nom	300.15629212313	Nominal Roll [deg]
revision	1	Processing version of data
ontime	31522.221662998	Sum of GTIs [s]
livetime	31013.110441982	Livetime [s]
ontime4	31522.262702942	Sum of GTIs [s]
ontime5	31522.180622935	Sum of GTIs [s]
ontime6	31522.139582992	Sum of GTIs [s]
ontime7	31522.221662998	Sum of GTIs [s]
ontime8	31522.098542929	Sum of GTIs [s]
ontime9	31522.057502985	Sum of GTIs [s]
l2events	267815	Number of level 2 events

