

# V&V Summary Report

## L2 ASCDS Version : 10.4.3

Observation 18737 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Jan 3 2016

See axaff18737N001-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	31.7925

## 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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Preferred window missed by slightly more than 1 day due to spacecraft constraints.

seq_num	703293	Sequence number
obs_id	18737	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	345.81716561965	Nominal RA [deg]
dec_nom	8.8749944723709	Nominal Dec [deg]
roll_nom	300.15629043844	Nominal Roll [deg]
revision	1	Processing version of data
ontime	31792.5	Sum of GTIs [s]
livetime	31279.023549413	Livetime [s]
ontime4	31792.5	Sum of GTIs [s]
ontime5	31792.5	Sum of GTIs [s]
ontime6	31792.5	Sum of GTIs [s]
ontime7	31792.5	Sum of GTIs [s]
ontime8	31792.5	Sum of GTIs [s]
ontime9	31792.5	Sum of GTIs [s]
l2events	278590	Number of level 2 events

