

# V&V Summary Report

## L2 ASCDS Version : 10.4

Observation 16739 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Jul 3 2015

See [axaff16739N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.07.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.528000410318

## Comments

A spatial exclusion window was used for the zeroth order in this observation. A 100 x 100 pixel region around the zeroth order was filtered so that only 1 in 10 events was transmitted in telemetry.

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Zeroth order has been blocked by an exclusion window. 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 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	401661	Sequence number
obs_id	16739	Observation id
title	An Integrated Approach to Winds, Jets, and State Transitions	Propo
observer	Dr. Joseph Neilsen	Principal investigator
object	H1743-322	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.565042	Observer's specified target RA [deg]
dec_targ	-32.2335	Observer's specified target Dec [deg]
ra_nom	266.57106717921	Nominal RA [deg]
dec_nom	-32.235328547301	Nominal Dec [deg]
roll_nom	301.143181387	Nominal Roll [deg]
revision	1	Processing version of data
ontime	27528.000410318	Sum of GTIs [s]
livetime	26839.565553862	Livetime [s]
ontime5	27528.000410318	Sum of GTIs [s]
ontime6	27528.000410318	Sum of GTIs [s]
ontime7	27528.000410318	Sum of GTIs [s]
ontime8	27528.000410318	Sum of GTIs [s]
l2events	288186	Number of level 2 events

