

# V&V Summary Report

## L2 ASCDS Version : 10.4.3.1

Observation 17788 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : May 1 2016

See axaff17788N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.05.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.078801592588

## 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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Faint grating spectra can be seen in an image of bad events. This is probably due to pileup in the spectrum, causing migration to bad grades. This should be considered in Faint grating spectra can be seen in an image of bad events. This is probably due to pileup in the spectrum, causing migration to bad grades. This should be considered in analysis.

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Zeroth order possibly extended and asymmetric.

seq_num	401720	Sequence number
obs_id	17788	Observation id
title	FOLLOWING THE ULTRA-FAST WINDS IN STELLAR-MASS BLACK HOLE, IGR J17091-3624	Proposal title
observer	Dr. Ashley King	Principal investigator
object	IGR J17091-3624	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	257.279167	Observer's specified target RA [deg]
dec_targ	-36.406944	Observer's specified target Dec [deg]
ra_nom	257.27660159213	Nominal RA [deg]
dec_nom	-36.405157343509	Nominal Dec [deg]
roll_nom	67.155110859733	Nominal Roll [deg]
revision	1	Processing version of data
ontime	40078.801592588	Sum of GTIs [s]
livetime	38753.434144835	Livetime [s]
ontime5	40078.801592588	Sum of GTIs [s]
ontime6	40078.775470138	Sum of GTIs [s]
ontime7	40078.801592588	Sum of GTIs [s]
ontime8	40078.734430194	Sum of GTIs [s]
l2events	1103376	Number of level 2 events

