

V&V Summary Report

L2 ASCDS Version : 10.4.3.1

Observation 17787 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 30 2016

See axaff17787N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.03.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.828374919057

Comments

Zereth order piled up. The zereth 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 analysis.

seq_num	401719	Sequence number
obs_id	17787	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	
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	257.27656302751	Nominal RA [deg]
dec_nom	-36.405206968872	Nominal Dec [deg]
roll_nom	68.155084298792	Nominal Roll [deg]
revision	1	Processing version of data
ontime	40828.374919057	Sum of GTIs [s]
livetime	39478.219801834	Livetime [s]
ontime5	40828.333879113	Sum of GTIs [s]
ontime6	40828.29283905	Sum of GTIs [s]
ontime7	40828.374919057	Sum of GTIs [s]
ontime8	40827.010759115	Sum of GTIs [s]
l2events	1178643	Number of level 2 events

