

# V&V Summary Report

## L2 ASCDS Version : 10.6.3

Observation 21105 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Jun 16 2018

See [axaff21105N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2018.06.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	21.685177835941

## 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.

seq_num	401899	Sequence number
obs_id	21105	Observation id
title	An X-ray Outflow in an Ultracompact X-ray Binary	Proposal title
observer	Jon Miller	Principal investigator
object	4U 1916-053	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	289.699583	Observer's specified target RA [deg]
dec_targ	-5.238083	Observer's specified target Dec [deg]
ra_nom	289.69358102786	Nominal RA [deg]
dec_nom	-5.2371468171519	Nominal Dec [deg]
roll_nom	123.15606845998	Nominal Roll [deg]
revision	1	Processing version of data
ontime	21685.177835941	Sum of GTIs [s]
livetime	21174.012269161	Livetime [s]
ontime5	21685.136795998	Sum of GTIs [s]
ontime6	21685.095755935	Sum of GTIs [s]
ontime7	21685.177835941	Sum of GTIs [s]
ontime8	21685.054715991	Sum of GTIs [s]
ontime9	21685.013675928	Sum of GTIs [s]
l2events	357851	Number of level 2 events

