

# V&V Summary Report

## L2 ASCDS Version : 10.6.4

Observation 21663 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Aug 3 2018

See axaff21663N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2018.08.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.549000856876

## 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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The guide star in slot 7 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this guide star from the solution.

seq_num	401899	Sequence number
obs_id	21663	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	289.70103949742	Nominal RA [deg]
dec_nom	-5.2440664055712	Nominal Dec [deg]
roll_nom	236.15678404567	Nominal Roll [deg]
revision	1	Processing version of data
ontime	30549.000856876	Sum of GTIs [s]
livetime	29828.896209559	Livetime [s]
ontime5	30549.000856876	Sum of GTIs [s]
ontime6	30549.000856876	Sum of GTIs [s]
ontime7	30549.000856876	Sum of GTIs [s]
ontime8	30549.000856876	Sum of GTIs [s]
ontime9	30549.000856876	Sum of GTIs [s]
l2events	358285	Number of level 2 events

