

V&V Summary Report

L2 ASCDS Version : 10.6.4

Observation 21662 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 1 2018

See axaff21662N001_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	29.588500829935

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 6 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	21662	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
dtycycle	0	
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	289.70077743278	Nominal RA [deg]
dec_nom	-5.2460555485711	Nominal Dec [deg]
roll_nom	236.15674318598	Nominal Roll [deg]
revision	1	Processing version of data
ontime	29588.500829935	Sum of GTIs [s]
livetime	28891.037202413	Livetime [s]
ontime5	29588.481463313	Sum of GTIs [s]
ontime6	29588.44042325	Sum of GTIs [s]
ontime7	29588.500829935	Sum of GTIs [s]
ontime8	29588.399383307	Sum of GTIs [s]
ontime9	29588.358343244	Sum of GTIs [s]
l2events	363692	Number of level 2 events

