

# V&V Summary Report

## L2 ASCDS Version : 10.6

Observation 20877 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Dec 6 2017

See axaff20877N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2017.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.175282731533

## Comments

WARNING: there are no standard ciao tools for analysis of grating spectra from extended sources. The shape of an emission 'line' will be the shape of the zero order spatial structure convolved with the instrumental LSF. Grating extractions can be used, but need to be combined with custom spatial-spectral analysis, since wavelength is multi-valued at any particular diffraction angle.

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Source is slightly extended with non-uniform X-ray flux in the core. The user may want to extract the spectrum using a different zeroth order position to center on the area of interest.

seq_num	703367	Sequence number
obs_id	20877	Observation id
title	The origin of variability in NGC 3516: obscuring disk wind?	Propos
observer	Missagh Mehdipour	Principal investigator
object	NGC 3516	Source name
ra_targ	166.697917	Observer's specified target RA [deg]
dec_targ	72.568611	Observer's specified target Dec [deg]
ra_nom	166.68092359689	Nominal RA [deg]
dec_nom	72.575716001016	Nominal Dec [deg]
roll_nom	87.583513838922	Nominal Roll [deg]
revision	1	Processing version of data
ontime	25175.282731533	[s]
livetime	24944.779009264	Ontime multiplied by DTCOR
l2events	2068002	Number of level 2 events

