

Ann. Geophys. Discuss., referee comment RC2 https://doi.org/10.5194/angeo-2022-23-RC2, 2022 © Author(s) 2022. This work is distributed under the Creative Commons Attribution 4.0 License.

Comment on angeo-2022-23

Anonymous Referee #2

Referee comment on "The altitude of green OI 557.7 \square nm and blue N₂ $^+$ 427.8 \square nm aurora" by Daniel K. Whiter et al., Ann. Geophys. Discuss., https://doi.org/10.5194/angeo-2022-23-RC2, 2022

This manuscript presents a clear study of the emission heights of the auroral green and blue lines. This study used a large statistical sample and yeilded robust results. The emission height profiles are also used to compare to the current state-of-the-art transpost models and they are being used as a way to try to improve the accuracy of the model. Overall this manuscript was well written and concise and represents a worthy contribution. Therefore my recommendation is to accept this manuscript as is.