

***Interactive comment on “Observations of sunlit
 N_2^+ aurora at high altitudes during the RENU2
flight” by Pål Gunnar Ellingsen et al.***

Anonymous Referee #2

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This is a well written and clear manuscript describing some aspects of the RENU rocket flight, in particular ground-based optical data and rocket-based particle data, to do with the sunlit aurora over the polar cusp. Evidence of neutral upwelling is found. Whilst no new major discovery is made, or problem solved, rocket in-situ data are rare and valuable and therefore should be published. On this basis, I recommend publication.

Interactive comment on Ann. Geophys. Discuss., <https://doi.org/10.5194/angeo-2020-50>, 2020.