Airglow continuum imaging by wide-field CCD camera

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I present the motivation and the results of the wide-field imaging of the airglow continuum emission around 480 nm. Accurate measurements of the absolute brightness and temporal/spatial variations are expected to provide unique and important information on the dynamics and chemistry of lower thermospheric NO, ${\rm N}_{2}^{2}\$ and atomic oxygen. In addition, extra-terrestrial sky brightness and scattering properties of aerosol particles will be obtained as byproducts.

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