

Comments on the manuscript 'Extraction of spatially confined small-scale waves from high resolution all-sky airglow images based on machine learning' by Sabine Wüst et al.

The authors replied to my comments well, and I think the manuscript is now acceptable. However, I would like to ask the authors to consider some technical edits in the followings.

L 94-100 (former line), L 100 (in revised version)

(My previous comment)

The description of the FAIM4.

It would be useful if the authors can also provide **chip (or pixel) size of the InGaAs camera, and F number of the lens (or the effective aperture of the lens) for the reader to understand the sensitivity of the optics. (e.g. for knowing 'A x omega' value (throughput) of the camera.**

(authors' response)

The pixel size was already given in the former line 95 (320x256pixel), we added the F-number.

(My new comment)

Thank you very much for adding the F number. Besides the pixel numbers (320 x 256 pixels), please provide the physical size of each pixel (for example, 20 um x 20 um, 40 um x 40 um etc. Or, the chip size, e.g., 9 mm x 12 mm etc.) that will help understand the sensitivity.

Other minute points:

L 440

In autumn and winter a clear **easterly** component can be observed.

I believe 'easterly' means 'from east'. I propose to replace it by 'eastward'.