

Interactive comment on “Imaging gravity waves in lower stratospheric AMSU-A radiances, Part 1: simple forward model” by S. D. Eckermann and D. L. Wu

Anonymous Referee #2

Received and published: 16 June 2006

This paper is instructively and clearly written and presents a simplified yet sufficiently accurate model of the AMSU-A response to the spatially varying gravity waves in the lower stratosphere. The model is background information to an accompanying paper and is clearly worthy of publication.

My only minor criticism could be that the number of figures illustrating the difference between Eos Aqua and Noaa-15 are too many. For example fig 9 is not really necessary. The effects of the different altitudes could just be mentioned in the text.

Interactive comment on Atmos. Chem. Phys. Discuss., 6, 1953, 2006.