

Interactive comment on “Refractivity and temperature climate records from multiple radio occultation satellites consistent within 0.05%” by U. Foelsche et al.

Anonymous Referee #1

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Review for the paper "Refractivity and temperature climate records from multiple radio occultation satellites consistent within 0.05%" by Foelsche et al.

The paper gives a further very good example for the potential of the radio occultation (RO) data for the application to climate research. The authors demonstrate the consistency of different RO datasets from different satellite missions in the upper troposphere lower stratosphere region if they are processed with the same processing software and averaging procedure taking into account sampling errors.

I recommend the publication of the paper with subject to small technical corrections: The captions of the figures should be much larger.

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Interactive comment on Atmos. Meas. Tech. Discuss., 4, 1593, 2011.