

***Interactive comment on* “First middle-atmospheric zonal wind profile measurements with a new ground-based microwave Doppler-spectro-radiometer” by R. Rüfenacht et al.**

Anonymous Referee #2

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This is a very interesting paper and it is important for the ground-based microwave remote sensing community.

Comments

P 5116 L 8 Probably you do not need the highest absolute calibration since you compare different spectra taken within a short time period. Please clarify this.

P 5121 – 5123 The sections about the mirror and the centroid methods would be easier to follow if they were clarified with a figure showing the principles.

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Why gives the mirror method a higher precision compared to the centroid method?

Interactive comment on Atmos. Meas. Tech. Discuss., 5, 5107, 2012.

AMTD

5, C2158–C2159, 2012

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