

Interactive
Comment

Interactive comment on “HAMP – the microwave package on the High Altitude and LOng range research aircraft HALO” by M. Mech et al.

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The shape Doppler spectra is a valuable quantity for the analysis of cloud properties. We therefore think that it is worth to discuss the effects of aircraft motion on it. The number of the spectral broadening given in the manuscript (2 m/s) is wrong. It should be 0.6 m/s. You are completely right, the total power does not change. However, the MIRA-36 radar does signal processing in the spectral domain. Therefore, the intensity of the peak of the spectra does matter.

Interactive comment on Atmos. Meas. Tech. Discuss., 7, 4623, 2014.

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Discussion Paper

