

Interactive comment on “Performance of high-resolution X-band weather radar networks – the PATTERN example” by K. Lengfeld et al.

K. Lengfeld et al.

katharina.lengfeld@zmaw.de

Received and published: 16 September 2014

We thank Frank Gekat for his valuable comments on our paper. We agree that the text should be corrected. The angular resolution of the radar is 2.8° (according to its antenna beam width). The received signals/reflectivities are averaged over a sequence of transmitted pulses within an angular range of 1° . As the radar is transmitting with a pulse repetition frequency of 800 Hz and the antenna is continuously rotating with an angular velocity of 24 rounds per minute. Therefore, the average is based on about 67 pulses per angular range of 1° and averaging interval of 30 s (5–6 pulses per sweep).

Interactive comment on Atmos. Meas. Tech. Discuss., 7, 8233, 2014.

C2698