

# Abstracts

## Millimeter-wave printed circuit antenna system for automotive applications

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V.V. Denisenko, A.G. Shubov, A.V. Majorov, E.N. Egorov and N.K. Kashaev. "Millimeter-wave printed circuit antenna system for automotive applications." 2001 MTT-S International Microwave Symposium Digest 01.3 (2001 Vol. III [MWSYM]): 2247-2250 vol.3.

An antenna system for automotive intelligent cruise-control application contains two separate printed circuit antennas: wide beam transmit antenna and three narrow beam receive antenna. The Rotman lens beamforming network is used-to provide multibeam operation of receive antenna. The design of the antenna system is discussed and test results are presented.

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