

# Abstracts

## Low profile, 2D-scanning MMW antenna controlled by two currents

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*E.F. Zaitsev, A.B. Gouskov, A.S. Cherepanov, G.A. Yufit, M.R. Beltran and Y.S. Khodorovsky.  
"Low profile, 2D-scanning MMW antenna controlled by two currents." 1998 MTT-S International  
Microwave Symposium Digest 98.2 (1998 Vol. II [MWSYM]): 1001-1002.*

The design of planar phased array made on the basis of controlled waveguiding FDF structure (ferrite-dielectric-ferrite) has been represented. Main difference of this antenna type from those described earlier is that 2D-beam scanning is provided by means of two control currents only. Experimental sample of 8-mm antenna has been fabricated and its parameters have been measured.

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