

Abstracts

Whispering Gallery Dielectric Resonator Modes for W-Band Devices (Comments)

M.J. Niman. "Whispering Gallery Dielectric Resonator Modes for W-Band Devices (Comments)." 1992 Transactions on Microwave Theory and Techniques 40.5 (May 1992 [T-MTT]): 1035-1038.

The above paper is a valuable contribution to a field which has little coverage in the literature. Working through the results however, it is felt that a discrepancy exists which may mislead other workers in this subject. In this regard, Section II-D and Fig. 6 which discuss a measurement in the 75-110 GHz band, raise most concern. In the paper the resonances on the plot (reproduced in Fig. 1) are attributed to whispering gallery (WG) modes WGE/sub 60-10,0,0/

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