

Abstracts

Direct Experimental Confirmation of New Leakage Effects on Open Dielectric Strip Waveguides

H. Shigesawa, M. Tsuji, J.S. Myung, S.T. Peng and A.A. Oliner. "Direct Experimental Confirmation of New Leakage Effects on Open Dielectric Strip Waveguides." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 293-295.

Certain open dielectric strip waveguides for millimeter waves and for integrated optics leak under appropriate circumstances. This leakage was predicted theoretically and indicated experimentally in indirect fashion. Here, direct measurements are presented which verify not only the leakage but also the resonance effect associated with it.

[Return to main document.](#)