

# Abstracts

## Ridged Waveguides with Inhomogeneous Dielectric Slab Loading (Comments)

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C.W. Young, Jr. and G. Magerl. "Ridged Waveguides with Inhomogeneous Dielectric Slab Loading (Comments)." 1978 *Transactions on Microwave Theory and Techniques* 26.11 (Nov. 1978 [T-MTT]): 919-919.

In the above paper/sup1/, Magerl derives dispersion equations for TE/sub m0/ modes of ridged waveguide with inhomogeneous dielectric-slab loading. The existence of TE modes was evidently assumed a priori (a seemingly natural assumption); unfortunately, true TE modes do not exist in this waveguide (with a singular exception to be noted).

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