

# Abstracts

## Beam Waveguides with Minimized Dielectric Structures (Short Papers)

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*P.F. Checcacci, R. Falciai and A.M. Scheggi. "Beam Waveguides with Minimized Dielectric Structures (Short Papers)." 1973 Transactions on Microwave Theory and Techniques 21.5 (May 1973 [T-MTT]): 362-363.*

An experimental study of dielectric beam waveguides with minimized dielectric structure is presented. Such structures are derived from the square-frame beam waveguide described elsewhere. The experimental results show that even very much reduced structures maintain guiding properties. In particular, the helix structure results are competitive with the complete-frame beam waveguide.

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