

# Abstracts

## Anisotropy in Alumina Substrates for Microstrip Circuits (Short Papers)

---

J.H.C. van Heuven and T.H.A.M. Vlek. "Anisotropy in Alumina Substrates for Microstrip Circuits (Short Papers)." 1972 *Transactions on Microwave Theory and Techniques* 20.11 (Nov. 1972 [T-MTT]): 775-777.

By determining up to 16 GHz the effective dielectric constant for microstrip lines with various strip widths, it has been found that anisotropy in alumina substrates considerably affects the wavelength and is responsible for most of the discrepancy between theory and experiments,

[Return to main document.](#)