

# Abstracts

## Effects of Side-Wall Grooves on Transmission Characteristics of Suspended Striplines (Dec. 1985 [T-MTT])

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*E. Yamashita, B. Y. Wang, K. Atsuki and K.R. Li. "Effects of Side-Wall Grooves on Transmission Characteristics of Suspended Striplines (Dec. 1985 [T-MTT])." 1985 Transactions on Microwave Theory and Techniques 33.12 (Dec. 1985 [T-MTT] (1985 Symposium Issue)): 1323-1328.*

The use of suspended striplines is becoming an important transmission-line technique at millimeter wavelengths because of low attenuation, weak dispersion, and various merits in manufacturing processes. This paper estimates the effects of side-wall grooves of these lines on transmission characteristics within the TEM wave approximation.

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