

# Abstracts

## A new method for characteristic impedance determination on lossy substrate

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*A. Bracale, D. Pasquet, J.L. Gautier, N. Fel, V. Ferlet and J.L. Pelloie. "A new method for characteristic impedance determination on lossy substrate." 2000 MTT-S International Microwave Symposium Digest 00.3 (2000 Vol. III [MWSYM]): 1481-1484.*

This paper presents a new method to straightforwardly estimate the characteristic impedance of transmission lines printed on lossy substrate, and to accurately model transition between two calibrations. Other original points consist of the determination of parasitic elements included in these transitions, and in a clear assessment of the validity of the results.

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