

Abstracts

Spurious effects due to the excitation of leaky modes and the continuous spectrum from a practical source on stripline

M.J. Freire, F. Mesa, C. Di Nallo, D.R. Jackson and A.A. Oliner. "Spurious effects due to the excitation of leaky modes and the continuous spectrum from a practical source on stripline." 1999 MTT-S International Microwave Symposium Digest 99.1 (1999 Vol. 1 [MWSYM]): 53-56 vol. 1.

The appearance of spurious transmission effects due to the excitation of leaky modes and the rest of the continuous spectrum on inhomogeneous stripline structures is investigated numerically, and results are compared with measurements. These spurious effects include significant transmission anomalies, making it important to understand and predict these effects.

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