

Abstracts

Analysis of Discontinuities of Microstrip and Suspended Substrate Lines

Y.S. Xu, J. Marquardt and A.S. Omar. "Analysis of Discontinuities of Microstrip and Suspended Substrate Lines." 1992 MTT-S International Microwave Symposium Digest 92.1 (1992 Vol. I [MWSYM]): 413-416.

Based on an improved formulation of the singular integral equation method for microstrip and suspended substrate lines, their discontinuities including arbitrary composition of steps are analyzed using the mode matching method. Results show that previous analyses using the mode matching were not sufficiently accurate. The influence of complex modes is discussed.

[Return to main document.](#)