

Abstracts

Planar Circuit Analysis of Microstrip Radial Stub (Short Papers)

F. Giannini, R. Sorrentino and J. Vrba. "Planar Circuit Analysis of Microstrip Radial Stub (Short Papers)." 1984 Transactions on Microwave Theory and Techniques 32.12 (Dec. 1984 [T-MTT] (1984 Symposium Issue)): 1652-1655.

Radial-line stubs have been found to work better than low-impedance rectangular stubs when an accurate localization of a zero-point impedance is needed. In this paper, microstrip radial-line stubs are analyzed using a planar circuit technique and characterized for design purposes. Experiments performed on various structures are in excellent agreement with the theory and confirm the suitability of such a structure as an alternative to a conventional straight stub.

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