

Abstracts

Dissipative Parameters in Ferrites and Insertion Losses in stripline Y Circulators Below Resonance (Letters)

G. Cattarin and R. Roveda. "Dissipative Parameters in Ferrites and Insertion Losses in Stripline Y Circulators Below Resonance (Letters)." 1974 Transactions on Microwave Theory and Techniques 22.7 (Jul. 1974 [T-MTT]): 752-754.

Extensive microwave loss measurements have been performed at the frequency of 1.3 GHz on below resonance stripline Y circulators loaded with aluminum doped YIG. External χ'' have been measured on the same compositions. Also, dielectric loss measurements have been carried out. A relation is found which correlates insertion loss in stripline circulators with loss parameters χ'' and tan delta.

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