

Abstracts

Transmission Line Measurement of Narrow Linewidth Ferromagnetic Samples (Correspondence)

G.R. Jones. "Transmission Line Measurement of Narrow Linewidth Ferromagnetic Samples (Correspondence)." 1963 *Transactions on Microwave Theory and Techniques* 11.6 (Nov. 1963 [T-MTT]): 547-548.

Measurement of ferromagnetic resonance linewidths over a range of microwave frequencies is facilitated by the use of a nonresonant waveguide system. The loading effect encountered in such a transmission line system, however, becomes significant when the linewidth is less than a few tens of oersteds. The effect of transmission line loading was avoided by the use of an automatic compensation network.

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