

Abstracts

Q-Factor Measurement with Network Analyzer

D. Kajfez and E.J. Hwan. "Q-Factor Measurement with Network Analyzer." 1984 Transactions on Microwave Theory and Techniques 32.7 (Jul. 1984 [T-MTT]): 666-670.

Ginzton's impedance method of Q-factor measurement is adapted to network analyzer techniques. The circuit model of the resonator incorporates also an external reactance which varies linearly with frequency to take into account the effects of the coupling mechanism and the influence of the distant resonant modes.

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