

Abstracts

Linearity Condition Between a Cavity's Q-Factor and its Input Resonant Resistance (Short Papers)

B. Tian and W.R. Tinga. "Linearity Condition Between a Cavity's Q-Factor and its Input Resonant Resistance (Short Papers)." 1995 Transactions on Microwave Theory and Techniques 43.3 (Mar. 1995 [T-MTT]): 691-692.

This paper proves that a linear relationship between a cavity's Q-factor and its input resonant resistance holds rigorously true provided the Q variation is caused only by power loss in the cavity.

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