

Abstracts

Characterization of High-Q Resonators for Microwave-Filter Applications (Comments and Authors' Reply)

Z. Wu and L. E. Davis. "Characterization of High-Q Resonators for Microwave-Filter Applications (Comments and Authors' Reply)." 1999 Transactions on Microwave Theory and Techniques 47.9 (Sep. 1999, Part I [T-MTT]): 1751-1752.

We read, with interest, the above paper, in which the authors described the measurement method of the unloaded Q-factor of a one-port coupled resonator to be "unique," "original," and "The method we developed." We have, however, noticed that the method described in the above paper is one of the six methods described in [1, Sec. 3.1]. The generalized loaded Q, i.e., $QL(x, b)$, defined in the above paper, is noted as Q_a in [1]. Also, (3) and (4) in the above paper are identical to (9a) and (9c) in [1]. Reference [1] is not cited by the authors in the above paper.

 [Return to main document.](#)