

# Abstracts

## The Unloaded Q of a YIG Resonator from X-Band to 4 Millimeters (Correspondence)

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*D. Douthett and I. Kaufman. "The Unloaded Q of a YIG Resonator from X-Band to 4 Millimeters (Correspondence)." 1961 Transactions on Microwave Theory and Techniques 9.3 (May 1961 [T-MTT]): 261-262.*

Carter and Flammner have reported measurements at lower microwave frequencies of  $Q_{\text{u}}$ , the unloaded Q of a single crystal YIG sphere treated as a resonator. In their paper a comparison of the measured and theoretical  $Q_{\text{u}}$ , the latter computed on the basis of a constant relaxation time, yielded good agreement only in the 2-5 kMc range.

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