

# Abstracts

## Theory and Measurement of Q in Resonant Ring Circuits

---

*H. Golde. "Theory and Measurement of Q in Resonant Ring Circuits." 1960 Transactions on Microwave Theory and Techniques 8.5 (Sep. 1960 [T-MTT]): 560-564.*

The loaded and unloaded Q of a resonant ring circuit are derived on the basis of the fundamental definition. Simple experiments are described to measure  $Q_{sub 0}$ ,  $Q_{sub L}$ , and the ring power gain without additional coupling to the ring. A number of graphs are given which are useful for these measurements.

[Return to main document.](#)