

# Abstracts

## Microwave Properties of Lithium Ferrites (Short Papers)

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J.J. Green and H.J. Van Hook. "Microwave Properties of Lithium Ferrites (Short Papers)." 1977 *Transactions on Microwave Theory and Techniques* 25.2 (Feb. 1977 [T-MTT]): 155-159.

Low-power loss and high-power threshold properties have been measured between 3.0 and 17.2 GHz on three Li-Ti ferrite compositions of magnetizations 1250, 2250, and 3600 G. In each composition the use of cobalt resulted in a linear increase in  $\mu_0$  and  $h_{crit}$ .

Temperature measurements were performed at 9.2 GHz on the 2250-G material. An illustration of how the data might be applied is given.

[Return to main document.](#)