

Abstracts

A High-Power X-Band Limiter

E. Wantuch and M. King. "A High-Power X-Band Limiter." 1965 G-MTT Symposium Program and Digest 65.1 (1965 [MWSYM]): 159-162.

The narrow ferrimagnetic linewidth exhibited by single crystal yttrium iron garnet forms the basis for several novel microwave devices. These may be divided into two main categories, namely, magnetically tunable filters and microwave limiters. Single crystal YIG spheres may be associated with additional microwave resonators to enhance one of these desired characteristics and to suppress the other.

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