

Abstracts

A Ferrimagnetic Microwave Power Limiter

J. Krokstad. "A Ferrimagnetic Microwave Power Limiter." 1965 Transactions on Microwave Theory and Techniques 13.1 (Jan. 1965 [T-MTT]): 119-122.

A new method of microwave power limiting is described. In contrast to limiters previously discussed, this type limits the power reflected from a ferrite-loaded microwave cavity, the limited output power being coupled into the load by means of a hybrid or a circulator. A characteristic feature of the limiter is that the limiting level may be adjusted over a wide range by a suitable choice of the volume of the ferrite sample. Furthermore, the level may with ease be continuously varied over a wide dynamic range merely by changing the position of the ferrite sample in the cavity. Experimental results are presented.

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