

Abstracts

A Varactor Frequency-Modulated AFC Reference Cavity (Correspondence)

A. Farokhrooz and J.B. Linker, Jr.. "A Varactor Frequency-Modulated AFC Reference Cavity (Correspondence)." 1963 Transactions on Microwave Theory and Techniques 11.4 (Jul. 1963 [T-MTT]): 258-260.

A varactor frequency-modulated microwave cavity is described where the application of a periodic square wave voltage to a varactor serves to electronically detune the cavity. There results a discriminator characteristic which makes the device applicable as an AFC reference. Experimental results are given and discussed.

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