

Abstracts

The Resonant Frequency of a Narrow-Gap Cylindrical Cavity (Letters)

H.E. Green. "The Resonant Frequency of a Narrow-Gap Cylindrical Cavity (Letters)." 1977 Transactions on Microwave Theory and Techniques 25.3 (Mar. 1977 [T-MTT]): 233-234.

A recently proposed method for computing the resonant frequency of a narrow-gap reentrant cylindrical cavity is discussed. It is shown that provided that the cavity does not have too low a height-to-diameter ratio, its resonant frequency may also be computed with expectation of reasonable accuracy from numerical data which have been available in the literature for some time.

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