

Abstracts

Open Resonators with Rimmed Mirrors (Correspondence)

P.F. Checcacci and A.M. Scheggi. "Open Resonators with Rimmed Mirrors (Correspondence)." 1969 Transactions on Microwave Theory and Techniques 17.2 (Feb. 1969 [T-MTT]): 125-127.

Experimental tests performed on an X-band open resonator terminated by flat mirrors with step rims are described. The presence of the rim along the edges of the plane mirrors of a Fabry-Perot reduces the diffraction losses but does not greatly affect the mode volume. This may be advantageous especially in laser techniques.

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