

Abstracts

Doubly Compensated Tunable Cavity

T.S. Saad. "Doubly Compensated Tunable Cavity." 1953 Transactions on Microwave Theory and Techniques 1.1 (Mar. 1953 [T-MTT]): 25-28.

The problem of temperature compensation of microwave cavities is one that has received considerable attention. This paper will attempt to describe a method of compensation which has been used by the Microwave Development Laboratories with some degree of success. It is well to point out at this time that all the cavities described here will be assumed to be filled with a dry inert gas and hermetically sealed. This will eliminate for the purposes of this paper the question of humidity effects.

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