Abstracts

On a Variable Impedance Termination for Testing High Power Components (Correspondence)

R.J. Stegen and A. Clavin. "On a Variable Impedance Termination for Testing High Power Components (Correspondence)." 1956 Transactions on Microwave Theory and Techniques 4.1 (Jan. 1956 [T-MTT]): 54-54.

In testing microwave components for electrical breakdown under high power it is generally desirable to simulate conditions encountered in a system. For proper evaluation it is necessary, therefore, to employ a termination, the reflection coefficient of which is variable and which will handle high powers. Our attempt to manufacture a variable mismatch device similar to those described in the literature were unsuccessful, since we could not obtain sufficiently high insertion vswr without electrical breakdown of the tuner.

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