

Abstracts

A Practical Method of Locating Waveguide Discontinuities (Correspondence)

O.T. Neau. "A Practical Method of Locating Waveguide Discontinuities (Correspondence)." 1955 *Transactions on Microwave Theory and Techniques* 3.1 (Jan. 1955 [T-MTT]): 45-46.

In the maintenance of ultra-high frequency equipments utilizing waveguide, one of the more difficult troubles to diagnose and correct is that of the high standing wave ratio. The question always arises as to whether the antenna or the waveguide is at fault. Sometimes a visual inspection of the transmission system will disclose the difficulty. Too often, however, the physical layout of the system makes a close inspection impractical. The construction of many antennas, also, does not permit an examination of the radio frequency components without a complex mechanical disassembly, costly in terms of man-hours.

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