

Abstracts

A Semi-Automatic Technique for Tuning a Reflectometer (Correspondence)

M.H. Zanboorie. "A Semi-Automatic Technique for Tuning a Reflectometer (Correspondence)." 1965 Transactions on Microwave Theory and Techniques 13.5 (Sep. 1965 [T-MTT]): 709-710.

Tuned microwave reflectometers are used in single-frequency high-precision microwave measurement applications. The tuners are adjusted such that a constant detector output is achieved when the reflectometer is terminated by loads of constant reflection coefficient magnitude and variable p base. At present, the phase variation is achieved by sliding the loads inside a terminating section of uniform waveguide.

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