

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 phase. At present, the phase variation is achieved by sliding the loads inside a terminating section of uniform waveguide.

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