

Abstracts

The Double-Swept-Frequency Locating Reflectometer (Short Papers)

I. Yamaura and T. Hidaka. "The Double-Swept-Frequency Locating Reflectometer (Short Papers)." 1975 Transactions on Microwave Theory and Techniques 23.3 (Mar. 1975 [T-MTT]): 316-317.

A swept-frequency-type reflectometer is newly developed which is capable of measuring the distances to the reflection locations and reflection magnitudes in the coaxial line or waveguide, using a double-swept-frequency (DSF) source and a bandpass filter. The principle of this reflectometer and experimental results obtained at 2 GHz are given.

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