

A METHOD FOR EFFICIENT MEASUREMENT OF TRANSMISSION SYSTEM PARAMETERS

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Abstract: *This paper proposes and describes a novel method for measuring the reflection coefficient and the standing wave ratio (SWR) in transmission systems. The principle of the method consists in applying a sweeping frequency signal across the considered frequency band, ranging between its bandwidth limits, in order to explore every frequency. The reflection coefficient and the SWR are displayed on an oscilloscope screen and can be measured at any desired frequency.*

Key words: *Reflectometer, Reflection coefficient, sweeps frequency.*

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