

Abstracts

Measurement of Dispersion Effects on Narrow RF Pulses

F.A. Russo and V.R. Schoep. "Measurement of Dispersion Effects on Narrow RF Pulses." 1965 Transactions on Microwave Theory and Techniques 13.2 (Mar. 1965 [T-MTT]): 250-251.

In an earlier issue of these Transactions, Elliott derived a formula for the degradation of RF pulses due to dispersion in waveguide. This communication describes an experiment conducted to verify his results. An RF pulse generator capable of producing one nanosecond pulse widths was developed to implement the experiment.

 [Return to main document.](#)