

Abstracts

Supplement to "Velocity of an RF Pulse Signal Propagating in a Waveguide"

W. Su, I.M. Besieris and S.M. Riad. "Supplement to "Velocity of an RF Pulse Signal Propagating in a Waveguide". " 1994 Microwave and Guided Wave Letters 4.1 (Jan. 1994 [MGWL]): 1-5.

An experiment was conducted in order to investigate the possible differences between velocity measurements based on the leading edge and falling edge of an RF pulse propagating in an air-filled waveguide. The experiment was performed using a test setup identical to that in [1], except that two PSPL Model 5810 pulse amplifiers were used to enhance the signal amplitude. The experimental observations demonstrate that there are no significant propagation velocity differences between leading edge and falling edge measurements.

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