

Abstracts

The Stability of Magnetrons Under Short Pulse Conditions (Short Papers)

B. Vyse and H. Levinson. "The Stability of Magnetrons Under Short Pulse Conditions (Short Papers)." 1981 Transactions on Microwave Theory and Techniques 29.7 (Jul. 1981 [T-MTT]): 739-745.

The relationship between missing pulses, front edge jitter, and video inter-spectral noise is discussed for magnetrons operating under short pulse conditions. The measurement of missing pulse count can determine the rate of RF power growth at the start of oscillation.

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