

# Abstracts

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

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*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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