

Abstracts

The Stability of Magnetrons Under Short Pulse Conditions

B. Vyse and H. Levinson. "The Stability of Magnetrons Under Short Pulse Conditions." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 87-89.

The relationship between missing pulses, front edge jitter and video spectrum inter-line 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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