

Abstracts

Regenerative and Pull-In Modes of Millimeter-Wave Reflex Klystron Amplifier (Correspondence)

G.E. Raue and K. Ishii. "Regenerative and Pull-In Modes of Millimeter-Wave Reflex Klystron Amplifier (Correspondence)." 1964 Transactions on Microwave Theory and Techniques 12.5 (Sep. 1964 [T-MTT]): 547-547.

A reflex klystron used as an amplifier can operate in both the regenerative and pull-in mode. From articles published regarding reflex klystron amplification, it appears that considerable confusion exists on this subject. It is the purpose of this communication to distinguish clearly between the two phenomena. The most readily noticeable differences occur in the frequency behavior and the input-output characteristics.

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