

Abstracts

Noise Studies on Two-Cavity CW Klystrons

G.A. Espersen. "Noise Studies on Two-Cavity CW Klystrons." 1960 *Transactions on Microwave Theory and Techniques* 8.5 (Sep. 1960 [T-MTT]): 474-477.

The noise properties of a two-cavity CW 3-cm klystron oscillator are discussed with the purpose of studying the noise contribution located close to the center frequency in the audiofrequency range. A system permitting measurements to be made of the mean square frequency deviation is described. Comparisons are made indicating the noise performance of the klystron oscillator when operated under air-cooled and water-cooled conditions.

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