

Abstracts

Noise Comparisons in Low and Medium Power Devices

J.R. Ashley. "Noise Comparisons in Low and Medium Power Devices." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 227-227.

Measured FM and AM noise data will be presented for the following microwave signal sources: Reflex klystron, two-resonator low noise klystron, IMPATT diode oscillators, transferred electron (Gunn diode) oscillators, TRAPATT mode avalanche oscillators, and VHF crystal-multiplier chain sources. The pros and cons of using an oscillator figure of merit to compare active devices will be discussed.

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