

Abstracts

Optimum Large-Signal Design of Fixed-Frequency and Varactor-Tuned GaAs FET Oscillators

C. Rauscher. "Optimum Large-Signal Design of Fixed-Frequency and Varactor-Tuned GaAs FET Oscillators." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 373-375.

An efficient technique is described for designing fixed-frequency and varactor-tuned GaAs FET oscillators for optimum large-signal performance. The discussion is centered around obtaining reliable performance predictions without the need to carry out large-signal r.f. measurements on the transistor.

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