

Abstracts

Near-Carrier Noise in FET Oscillators

R.A. Pucel and J. Curtis. "Near-Carrier Noise in FET Oscillators." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 282-284.

An exhaustive study is presented of the relation of near-carrier FM noise of FET oscillators to baseband noise, gate technology, surface passivation, channel formation, and traps. FM noise performance of an FET oscillator will be presented which is over 20 dB better than heretofore reported.

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