

# Abstracts

## Large Signal Design of GaAs FET Oscillators Using Input Dielectric Resonators (Short Papers)

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A. Podcameni and L.A. Bermudez. "Large Signal Design of GaAs FET Oscillators Using Input Dielectric Resonators (Short Papers)." 1983 Transactions on Microwave Theory and Techniques 31.4 (Apr. 1983 [T-MTT]): 358-361.

A dielectric resonator may be placed at the input of an active two-port device (FET or microwave transistor) yielding a stable frequency source. For this input configuration, a large signal design is presented. The method is simple, and power output prevision is also reached. The practical results obtained with an X-band medium-power oscillator are presented.

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