

Abstracts

A 6 GHz Highly Stabilized GaAs FET Oscillator Using a Dielectric Resonator

T. Saito, Y. Arai, Y. Itoh, T. Nishikawa and H. Komizo. "A 6 GHz Highly Stabilized GaAs FET Oscillator Using a Dielectric Resonator." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 197-199.

A 6 GHz GaAs FET feedback oscillator stabilized by a dielectric resonator with a new frequency tuning mechanism has been developed. The oscillator has a frequency tuning range of 50 MHz with a frequency stability of about ± 10 PPM (0°C-50°C).

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