

Abstracts

A Hybrid GaAs MIC Oscillator Using a Magnetostatic Wave Resonator

J.M. Owens, R.L. Carter and Y.W. Sam. "A Hybrid GaAs MIC Oscillator Using a Magnetostatic Wave Resonator." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 323-325.

A Magnetostatic Surface Wave resonator and GaAs Field Effect transistor amplifier have been fabricated in an integrated format on a common MIC substrate operating at 3 GHz. The resultant oscillator had an output of -30 dB and phase noise of -92 dBc/Hz at 20 kHz offset.

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