Abstracts

A 10.5 GHz MIC Direction Sensitive Doppler Module Using a GaAs Fet and a Ag/Pd Thick Film

T. Mori, H. Sawano, K. Kusunoki and O. Ishihara. "A 10.5 GHz MIC Direction Sensitive Doppler Module Using a GaAs Fet and a Ag/Pd Thick Film." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 319-321.

A MIC direction sensitive doppler module with a GaAs FET oscillator stabilized by a dielectric resonator has been developed by means of a Ag/Pd thick film technique. A module with 17 mW output power at 10.5 GHz has about -90 dBm minimum detectable signal for the bandwidth of 1KHz at the bias condition of 6.5 V, 44 mA.

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