

Abstracts

The System/Circuit Interface in Gunn Diode Applications

F. Ivanek. "The System/Circuit Interface in Gunn Diode Applications." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 306-306.

Farinon's FH-Series systems, intended for either heterodyne or baseband operation with analog transmission capacities of up to 1800 voice channels or the equivalent at frequencies above 5.9 GHz, use Gunn diodes in all three active radio-frequency functions, i.e. in the receiver local oscillator (LO), in the frequency modulated transmitter oscillator (OSC-MOD), and in the transmitter power amplifier operating in the injection-locked mode (ILA). The LO is also being used, since 1970, in Farinon's SS-Series baseband systems.

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