Abstracts

A 2.4 V single supply pseudomorphic MODFET MMIC power amplifier for digital cordless phones

T. Yokoyama, M. Nishijima, T. Kunihisa, S. Yamamoto and O. Ishikawa. "A 2.4 V single supply pseudomorphic MODFET MMIC power amplifier for digital cordless phones." 1998 MTT-S International Microwave Symposium Digest 98.3 (1998 Vol. III [MWSYM]): 1651-1654.

A 2.4 V single supply pseudomorphic MODFET MMIC power amplifier has been developed for 1.9 GHz Japanese Personal Handy-phone System (PHS). The MMIC exhibits very low current of 146 mA and low adjacent channel leakage power ratio of 55 dBc at output power of 20.5 dBm and 2.4 V single supply.

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