

Abstracts

Performance of RFMOS/sup TM/ for 1.9 GHz CDMA operation

F. Brauchler, M. Tutt, D. Seymour, A. Khatibzadeh, J. Erdljac and J. Arch. "Performance of RFMOS/sup TM/ for 1.9 GHz CDMA operation." 1998 MTT-S International Microwave Symposium Digest 98.2 (1998 Vol. II [MWSYM]): 451-454.

We report the first measured ACPR properties of Texas Instruments' RFMOS/sup TM/ power transistor technology at 1.9 GHz. It demonstrated a 49% PAE with ACPR=-45 dBc for V/sub DS/=3.6 V. The performance results are presented as a function of bias and tuning and demonstrate that the RFMOS/sup TM/ technology has excellent potential for CDMA applications.

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