Abstracts

Low-Frequency Dispersion and its Influence on the Intermodulation Performance of AlGaAs/GaAs HBTs

K. Lu, P.M. McIntosh, C.M. Snowden and R.D. Pollard. "Low-Frequency Dispersion and its Influence on the Intermodulation Performance of AlGaAs/GaAs HBTs." 1996 MTT-S International Microwave Symposium Digest 96.3 (1996 Vol. III [MWSYM]): 1373-1376.

The relationship between low-frequency dispersion and the intermodulation performance of Al-GaAs/ GaAs HBTs has been demonstrated for the first time. The theoretical analysis and experimental results indicate that IM/sub3/ will depend strongly on the frequency spacing (deltaf = f/sub2/ - f/sub1/) in the two-tone measurement.

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