

Abstracts

Power Amplifier for Microwave Digital Radios with Inherent Phase Compensation

P. Bura, D. Gelerman and P. Ntake. "Power Amplifier for Microwave Digital Radios with Inherent Phase Compensation." 1987 MTT-S International Microwave Symposium Digest 87.1 (1987 Vol. I [MWSYM]): 479-481.

The linearity requirements and the design of an amplifier for a 64 QAM digital radio are described. A partial phase compensation between the cascaded bi-polar transistor and FET amplifying stages helps to achieve bit error rates better than 10^{-20} .

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