

Abstracts

Ultra linear/feedforward amplifier design

D. Myer. "Ultra linear/feedforward amplifier design." 1998 MTT-S International Microwave Symposium Digest 98.2 (1998 Vol. II [MWSYM]): 1125-1127.

The proliferation of cellular and personal communication networks burdens an already overcrowded frequency spectrum. These systems require modern RF power amplifiers to maintain high levels of spectral efficiency for minimized adjacent channel interference. Amplifiers must maintain ultra linear transfer functions to achieve spectrally efficient operation. Several amplifier architectures (including feedforward) capable of ultra linear operation are illustrated, compared and analyzed.

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