

Abstracts

A 6-18 GHz, High Dynamic Range MMIC Amplifier Using a Feedforward Technique

V. Steel, D. Scott and S. Ludvik. "A 6-18 GHz, High Dynamic Range MMIC Amplifier Using a Feedforward Technique." 1990 MTT-S International Microwave Symposium Digest 90.2 (1990 Vol. II [MWSYM]): 911-914.

A novel feedforward linearization technique has been developed to increase dynamic range in a broadband, microwave amplifier module. Results are reported on a 6-18 GHz amplifier that demonstrates third order intercept improvement /spl ap/7 dB and second order intercept improvement /spl ap/20 dB.

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