

Abstracts

Highly Linear Solid-State Power Amplifiers for Single Sideband via Satellite Applications

R.G. Gels, R.D. Standley, D.L. Wilson and R. Trambarulo. "Highly Linear Solid-State Power Amplifiers for Single Sideband via Satellite Applications." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 544-546.

Highly linear FET amplifiers have been built to supplant conventional traveling wave tubes for application to C-band satellites serving spectrum efficient single sideband transmission. Detailed experimental results on various amplifier configurations are given.

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