

Abstracts

Power Transistor Amplifier Design Using Large-Signal S Parameters

J.G. Webb and R.J. Chaffin. "Power Transistor Amplifier Design Using Large-Signal S Parameters." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 239-241.

Large-signal S-parameters are used in the design of UHF power transistor amplifiers, yielding analytical means for calculating stability criteria and circuit impedances for the desired gain and output power. A 3.5 watt, 500 MHz amplifier designed using these methods is described.

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