

Influence of 2 GHz harmonic load-pull on HBT and MESFET output power and efficiency

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The influence of harmonic tuning on output power ($P_{\text{sub out}}$) and power added efficiency (PAE) for both HBTs and MESFETS is investigated. Results of measurements and harmonic balance simulations are compared, that illustrate the dependence of PAE and $P_{\text{sub out}}$ on the second-harmonic load reflection angle.

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