

Abstracts

Class F power amplifier integrated with circular sector microstrip antenna

V. Radisic, Yongxi Qian and T. Itoh. "Class F power amplifier integrated with circular sector microstrip antenna." 1997 MTT-S International Microwave Symposium Digest 2. (1997 Vol. II [MWSYM]): 687-690.

A high efficiency class F power amplifier integrated with a circular sector microstrip antenna is reported. To obtain the class F operation, the second and third harmonics are shaped through the input impedance of the antenna. At the operating frequency of 2.55 GHz, a power added efficiency of 63% is demonstrated.

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