

Abstracts

Ku-Band Monolithic 7-Watt Power Amplifier Using AiGaAs/GaAs 0.25- μ m T-Gate Heterostructure FET Technology

D.T. Bryant, K. Salzman and R. Hudgens. "Ku-Band Monolithic 7-Watt Power Amplifier Using AiGaAs/GaAs 0.25- μ m T-Gate Heterostructure FET Technology." 1993 MTT-S International Microwave Symposium Digest 93.3 (1993 Vol. III [MWSYM]): 1373-1376.

Two advanced Ku-band MMIC power amplifiers have demonstrated state-of-the-art performance at upper Ku-band. One design delivers 7.2 watts CW (9.3 watts pulsed) at 25-percent power-added efficiency (PAE). The other design delivers 32-percent PAE at 2.7 watts CW.

 [Return to main document.](#)