

Abstracts

A 15-watt dual band HBT MMIC power amplifier

M.R. DeHaan, M. Jones, G. Wilcox, J. McLeod and S.C. Miller. "A 15-watt dual band HBT MMIC power amplifier." 1997 MTT-S International Microwave Symposium Digest 3. (1997 Vol. III [MWSYM]): 1425-1427.

A monolithic HBT power amplifier is presented for S and C band applications. The amplifier provides greater than 15 watts of peak output power at S and C bands with approximately 18 dB of gain. The amplifier also provides a minimum of 10 watts output power across the entire frequency range that encloses both bands.

[Return to main document.](#)