

Abstracts

Operation of Solid State Power Amplifiers at Cryogenic Temperatures

J.H. Johnson and P.E. D'Anna. "Operation of Solid State Power Amplifiers at Cryogenic Temperatures." 1989 MTT-S International Microwave Symposium Digest 89.3 (1989 Vol. III [MWSYM]): 861-862.

A novel approach is presented to the cooling of lightweight transistor amplifier modules for high power operation. 1800 Watts (C.W.) at 425 MHz was obtained from a four transistor amplifier that weighed a mere 13 ounces.

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