

Abstracts

200 Watt Solid State UHF Amplifier

D. Staiman and M. Breese. "200 Watt Solid State UHF Amplifier." 1969 G-MTT International Microwave Symposium Digest of Technical Papers 69.1 (1969 [MWSYM]): 445-449.

A high power transistor amplifier with an output of 200 W peak at a center frequency of 432 MHz is described. Eight TRW 2N5177 transistors are operated in parallel by means of a network of split-tee hybrid junctions as shown in Figure 1. The individual amplifier circuits, as well as the hybrid junction network, are etched microstrip circuits on high purity alumina substrates.

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