

# Abstracts

## High-Power Microwave Amplifier Using Anti-Parallel Avalanche-Diode Pair (1971 [MWSYM])

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H. Kawamoto. "High-Power Microwave Amplifier Using Anti-Parallel Avalanche-Diode Pair (1971 [MWSYM])." 1971 G-MTT International Microwave Symposium Digest of Technical Papers 71.1 (1971 [MWSYM]): 90-91.

A new microstrip-circuit amplifier is composed of two high-efficiency avalanche diodes placed in anti-parallel fashion, one-half wave-length apart in a transmission line. The amplifier provides a 200 W output power with a 10 dB gain.

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