

# Abstracts

## V-Band High-Power IMPATT Amplifier

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*Y. Ma, C. Sun and E.M. Nakaji. "V-Band High-Power IMPATT Amplifier." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 73-74.*

A high-power IMPATT combiner/amplifier has been developed at V-band. The amplifier consists of two stages with an overall gain of 50 dB. The maximum output power is 2.5 W at 61 GHz with overall DC to RF conversion efficiency of 3.7 percent.

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