

# Abstracts

## An IMPATT Pump for a Low-Noise Parametric Amplifier (Short Papers)

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*T. Smith, B. Smilowitz, G. Irvin and R. Kaminsky. "An IMPATT Pump for a Low-Noise Parametric Amplifier (Short Papers)." 1974 Transactions on Microwave Theory and Techniques 22.12 (Dec. 1974, Part II [T-MTT] (1974 Symposium Issue)): 1331-1334.*

Noise measurements have been made on an IMPATT pumped S-band parametric amplifier. For the properly adjusted pump, no significant increase in noise temperature was observed for interfering signal levels up to -40 dBm, 20 MHz from the noise measurement frequency.

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