

# Abstracts

## Millimeter-Wave IMPATT Sources for Communication Applications

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*Y. Chang, J.M. Hellum, J.A. Paul and K.P. Weller. "Millimeter-Wave IMPATT Sources for Communication Applications." 1977 MTT-S International Microwave Symposium Digest 77.1 (1977 [MWSYM]): 216-219.*

FM transmitter oscillator of 400 mW output power at 60 GHz and 275 mW at 94 GHz using silicon double-drift IMPATT diodes and varactor-tuned local oscillators were developed for data transmission at 100 megabits/sec data rate.

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