

# Abstracts

## 120-Gunn Diode Power Combining at 23 GHz

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*S. Mizushima and M. Madihian. "120-Gunn Diode Power Combining at 23 GHz." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 135-137.*

Powers from a total of up to 120 Gunn diodes were combined at 23 GHz by combining three or five or seven 12- or 24-device Kurokawa oscillators through short-slot couplers in conjunction with high-level injection locking. Overall power-combining efficiencies were 76-91 percent.

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