

Abstracts

W-Band (75 to 110 GHz) Microstrip Components (1985 [MWSYM])

K. Chang, R. Tahim, D. English, A. Grote, T. Pham, C. Sun, G. Hayashibara, P. Yen and W. Piotrowski. "W-Band (75 to 110 GHz) Microstrip Components (1985 [MWSYM])." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 371-374.

Various microstrip components, including mixers, IMPATT oscillators, Gunn oscillators, doublers, and circulators, have been developed at W-band with state-of-the-art performance. The use of microstrip drastically reduces fabrication costs due to the less stringent machining tolerance. The design and performance of these components will be reported.

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