

# Abstracts

## A Comparison of IMPATT Oscillator Power and Frequency Above 100 GHz with Results Derived from Theoretical Models (Short Papers)

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*B.D. Bates. "A Comparison of IMPATT Oscillator Power and Frequency Above 100 GHz with Results Derived from Theoretical Models (Short Papers)." 1984 Transactions on Microwave Theory and Techniques 32.10 (Oct. 1984 [T-MTT]): 1394-1398.*

A comparison is made of experimentally determined IMPATT oscillator frequency and power characteristics in the 90-140-GHz band with values obtained from detailed theoretical models. The results show encouraging agreement and demonstrate the potential of the modeling approach for oscillator design.

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