

# Abstracts

## Controlled Bias Preheating for Variable Duty Factor IMPATT Transmitter

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*R.L. Eisenhart and R.S. Robertson. "Controlled Bias Preheating for Variable Duty Factor IMPATT Transmitter." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 529-530.*

A biasing technique has been devised compensates for thermal changes in solid state transmitter which operation. Use of this technique allows operation over a range of duty factors and extended environmental temperature conditions. The concept is discussed and test results presented.

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