

# Abstracts

## Low Noise Millimeter Wave Schottky Barrier Diodes with Extremely Low Local Oscillator Power Requirements

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*D.R. Vizard, N.J. Keen, W.M. Kelly and G.T. Wrixon. "Low Noise Millimeter Wave Schottky Barrier Diodes with Extremely Low Local Oscillator Power Requirements." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 81-83.*

Low capacitance Schottky barrier diodes have been fabricated which yield extremely low noise performance and require exceptionally low local oscillator power. Measurements made at 111 GHz and 170 GHz are presented.

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