

# Abstracts

## A Highly Stabilized K/sub a-Band Gunn Oscillator (Correspondence)

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S. Nagano and S. Ohnaka. "A Highly Stabilized K/sub a-Band Gunn Oscillator (Correspondence)." 1972 *Transactions on Microwave Theory and Techniques* 20.2 (Feb. 1972 [T-MTT]): 174-176.

The construction and experimental results of a highly stabilized K/sub a-band Gunn oscillator are described. The frequency stability is  $3 \times 10^{-5}$  at 25 GHz over the temperature range from 0 to 50°C. An output power of more than 20 mW has been obtained in the frequency range up to 30 GHz. The frequency-saturation effect is also described.

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