

Abstracts

CW Gunn Diodes in Composite Structure

S. Mitsui and A. Kondo. "CW Gunn Diodes in Composite Structure." 1969 G-MTT International Microwave Symposium Digest of Technical Papers 69.1 (1969 [MWSYM]): 191-195.

It is a way of obtaining a higher output power to operate microwave generators in parallel combinations. It was already reported that several watts of output were obtained with impatt diodes in parallel and series combinations. While, such the attempt at Gunn diodes in CW operation is not seen yet, except for a case of 300 mW output in X-band with a cascaded Gunn oscillator. The present report is related to experimental results of Gunn diodes in composite structure.

 [Return to main document.](#)