

# Abstracts

## A New Microwave High Power Transistor (Static Induction Transistor)

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*Y. Kajiwara, K. Horikiri and Y. Yukimoto. "A New Microwave High Power Transistor (Static Induction Transistor)." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 380-382.*

A high power transistor at microwave frequency has been realized by multi-chips of static induction transistor. An output power of 100 W at 1 GHz was obtained by good design of thermal balance and improvement of packaging. A gain of 2.2 dB and a drain efficiency of 42 % was obtained at output power of 100 W. The linear gain was 3.6 dB.

 [Return to main document.](#)