

# Abstracts

## A 4.5 GHz 40 Watt GaAs FET Amplifier

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*N. Fukuden, F. Ogata, M. Hayakawa, H. Sugawara, M. Takagi and Y. Arai. "A 4.5 GHz 40 Watt GaAs FET Amplifier." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 66-68.*

A high power GaAs FET amplifier with an output power of 40 watts at 4.5 GHz has been developed. Power combining loss of 1.1 dB was investigated and cooling system using heat pipe was developed.

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