

# Abstracts

## A 4W, 56dB Gain, Microstrip Amplifier at 15 GHz Utilizing GaAs FETs and IMPATT Diodes (1979 [MWSYM])

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*V. Sokolov, M.R. Namordi and F.H. Doerbeck. "A 4W, 56dB Gain, Microstrip Amplifier at 15 GHz Utilizing GaAs FETs and IMPATT Diodes (1979 [MWSYM])." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 489-491.*

Performance results and design considerations are presented for an all solid-state power amplifier suitable for spacecraft transmitter applications. Design emphasis is placed on high power, high efficiency and high reliability operation, as well as on compact amplifier construction.

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