

Abstracts

MPM Technology Developments: An Industry Perspective

J.A. Christensen, T.J. Grant, P.M. Lally, P. Puri, G. Dohler and S. Ludvik. "MPM Technology Developments: An Industry Perspective." 1993 MTT-S International Microwave Symposium Digest 93.1 (1993 Vol. 1 [MWSYM]): 115-118.

The technologies and design approaches being used in the development of the Microwave Power Module are described. The tradeoffs to optimize the overall MPM subsystem performance and the designs and development status of each of the MPM component building blocks are presented. These include the MMIC driver amplifier, the Vacuum Power Booster, and Electronic Power Conditioner. Recent performance results will be available. Future technology enhancements and MPM performance capabilities will be projected.

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