

Abstracts

Design and Testing of an 8.5-GHz Polarization-Sensitive Grid Power Combiner at 500-KW CW

R. Perez, D. Hoppe, P. Stanton and H. Reilly. "Design and Testing of an 8.5-GHz Polarization-Sensitive Grid Power Combiner at 500-KW CW." 1992 MTT-S International Microwave Symposium Digest 92.1 (1992 Vol. I [MWSYM]): 129-131.

A power combiner using a polarization-sensitive quasioptical grid has been designed to operate at 8.5-GHz and 1-MW CW. The combiner has been successfully tested at 500-kW CW. The design and operating principle are discussed, and the evaluation facilities and instrumentation used in high-power testing are presented.

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