

Abstracts

Microstrip Plasma Limiter

S.D. Patel, L. Dubrowsky, S.E. Sadow, R. Kaul and R.V. Garver. "Microstrip Plasma Limiter." 1989 MTT-S International Microwave Symposium Digest 89.3 (1989 Vol. III [MWSYM]): 879-882.

An operational microstrip plasma limiter was developed for DC to 18-GHz operation. The limiter threshold is 65 W for a 1- μ s microwave pulse. Spike leakages of less than 20 μ J and flat leakage of less than 1 W were achieved from S- to X-band. Device power handling capacity is 50 kW peak.

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