

Abstracts

A New Generation of Power Klystrons on the Base of Multiple-Beam Design

E.A. Gelvich, E.V. Zhary, L.M. Borissov, A.D. Zakurdayev, A.S. Pobedonostsev and V.I. Poognin. "A New Generation of Power Klystrons on the Base of Multiple-Beam Design." 1991 MTT-S International Microwave Symposium Digest 91.3 (1991 Vol. III [MWSYM]): 1319-1320.

The advantages of multibeam klystrons over single-beam klystrons regarding the reduction of supply voltages, weight and the amplification band expansion, are shown. Some parameters of industrial samples of multiple-beam klystrons (supply voltages, output powers and amplification band) are given.

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