

Abstracts

A planar active lens oscillator on a dielectric slab

A.R. Perkons and T. Itoh. "A planar active lens oscillator on a dielectric slab." 1998 MTT-S International Microwave Symposium Digest 98.3 (1998 Vol. III [MWSYM]): 1907-1910.

This paper presents power combining of TM surface waves in a dielectric slab by a planar active lens oscillator. An output power of 15.4 dBm at 8.16 GHz was measured at the oscillator output connector. Measurements of surface wave field patterns radiated by the active lens oscillator are also presented.

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