

# Abstracts

## Design and Low-Power Testing of a Microwave Vlasov Mode Convertor

---

*B.G. Ruth, R.K. Daldstrom, C.D. Schlesiger and L.F. Libelo. "Design and Low-Power Testing of a Microwave Vlasov Mode Convertor." 1989 MTT-S International Microwave Symposium Digest 89.3 (1989 Vol. III [MWSYM]): 1277-1280.*

A circular waveguide with a shaped open end forms the launcher component of a Vlasov mode convertor. This paper compares the gain pattern obtained for an open end with a step cut with that for a beveled cut. Determination of the gain pattern is the first step in the design of a high-power mode convertor intended for X-band (8 to 12 GHz).

[Return to main document.](#)

Click on title for a complete paper.