

Abstracts

Review of High Power Traveling Wave Tube Amplifiers

D. Shiffler, J.A. Nation, L. Schachter, J.D. Ivers and G.S. Kerslick. "Review of High Power Traveling Wave Tube Amplifiers." 1992 MTT-S International Microwave Symposium Digest 92.1 (1992 Vol. 1 [MWSYM]): 515-517.

In this paper, we review work performed on high power traveling wave tube amplifiers. The tubes operated in the X-band at 8.76 GHz with both a single stage and two-stage amplifier configuration. The peak total powers achieved were on the order of 400 MW, corresponding to gains of 37 dB.

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