Abstracts

A Novel Technique for HEMT Tripler Design

G. Zhang, R.D. Pollard and C.M. Snowden. "A Novel Technique for HEMT Tripler Design." 1996 MTT-S International Microwave Symposium Digest 96.2 (1996 Vol. II [MWSYM]): 663-666.

The effect of fundamental loading on HEMT tripler performance has been investigated. An 11.5 to 34.5 GHz HEMT tripler has been fabricated employing a novel design technique with fundamental rejection feedback. The experimental results show good agreement with the harmonic balance simulations.

❑ Return to main document.