

Abstracts

High-Order Varactor Multipliers (Correspondence)

S. Rossen and W. Engle. "High-Order Varactor Multipliers (Correspondence)." 1964
Transactions on Microwave Theory and Techniques 12.1 (Jan. 1964 [T-MTT]): 142-143.

The following correspondence is a report of the experimental results that have been obtained with a single-varactor-diode frequency multiplier. This circuit is a times sixteen (X 16) single-stage varactor multiplier operating from 350 to 5600 Mc, The high efficiencies predicted theoretically for single-stage, high-order varactor multipliers are now being achieved with these practical circuits. They should have wide application in microwave systems where reliability and size are major considerations.

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