

Abstracts

Electronically Tunable, Octave-Wide, Backward-Wave Parametric Amplifier with Constant Output Frequency

S. Okwit and E.W. Sard. "Electronically Tunable, Octave-Wide, Backward-Wave Parametric Amplifier with Constant Output Frequency." 1961 PGMTT National Symposium Digest 61.1 (1961 [MWSYM]): in1-in1.

The conventional cavity-reactance amplifier uses a single variable-reactance diode that couples several tuned circuits together. There are many modes of operation of this type of amplifier, each of which has been analyzed in detail.

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