

Abstracts

On High-Frequency Stability of Tunnel Diode Amplifiers (Correspondence)

H. Plutchok. "On High-Frequency Stability of Tunnel Diode Amplifiers (Correspondence)." 1966 Transactions on Microwave Theory and Techniques 14.2 (Feb. 1966 [T-MTT]): 93-94.

It is well recognized that in a shunt tuned tunnel diode amplifier, where the tunnel diode is parallel resonated by an inductance at band center, stability at high frequencies requires that diode series resonant frequency be greater than its cutoff frequency.

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