

Abstracts

An Interesting Pulling Effect in a Tunnel Diode Oscillator (Correspondence)

J.A. Mashock and T.K. Ishii. "An Interesting Pulling Effect in a Tunnel Diode Oscillator (Correspondence)." 1969 Transactions on Microwave Theory and Techniques 17.6 (Jun. 1969 [T-MTT]): 347-348.

The fundamental frequency of a tunnel diode oscillator (800 MHz) was pulled by a signal injected in the neighborhood of its ninth harmonic (7.2 GHz). With an injected signal of +0 dBm a frequency shift of 1.3 MHz was observed. The oscillator output power level was +10 dBm.

[Return to main document.](#)