

Operation of Pulsed Millimeter Wavelength Extended Interaction Oscillators

G.W. Ewell, D.S. Ladd and J.C. Butterworth. "Operation of Pulsed Millimeter Wavelength Extended Interaction Oscillators." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 450-452.

This paper discusses the problems of pulsing Extended Interaction Oscillators (EIO's), summarizes some experience gained in operating EIO's in several experimental systems with pulse lengths from ten to several hundred ns, and contrasts EIO operation with operation of conventional millimeter wave magnetrons.

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