

Abstracts

Solid-State Devices for Low-Frequency Doppler Detectors (Technical Notes)

Y. Iijima, J.R. East and G.I. Haddad. "Solid-State Devices for Low-Frequency Doppler Detectors (Technical Notes)." 1978 Transactions on Microwave Theory and Techniques 26.2 (Feb. 1978 [T-MTT]): 132-133.

This paper describes doppler detector measurements for X-band IMPATT, Gunn and BARITT devices with doppler frequencies between 1 Hz and 1 kHz. Over this range of frequencies the BARITT is found to be superior as a self-oscillating doppler detector.

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