

Abstracts

An MIC Doppler Module with Output Radiation Normal to the Substrate Plane

S. Nanbu. "An MIC Doppler Module with Output Radiation Normal to the Substrate Plane." 1978 *Transactions on Microwave Theory and Techniques* 26.1 (Jan. 1978 [T-MTT]): 3-5.

A flat Doppler module, only 18 mm thick, was fabricated. The module is based on a microwave integrated circuits (MIC) stabilized oscillator having a dipole antenna on a single substrate. It emits a microwave beam normal to the substrate plane whose radiation pattern is nearly symmetrical around the normal axis with a half-power-angle of about 60°.

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