

# Abstracts

## Millimeter-Wave Pretuned Modules

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G. Cachier, J. Espagnol and J. Stevance. "Millimeter-Wave Pretuned Modules." 1979 *Transactions on Microwave Theory and Techniques* 27.5 (May 1979 [T-MTT] (Special Issue on Solid-State Microwave/Millimeter-Wave Power Generation, Amplification, and Control)): 505-510.

This paper presents pretuned modules for millimeter-wave devices. A general description of the device, some new developments of the technology, and the different techniques used for its characterization are covered. It is shown how the bias-to-waveguide coupling is made, and how these techniques lead to an oscillator which radiates directly into free space.

 [Return to main document.](#)