

Abstracts

CW Performance of Optically-Pumped Lasers in the Millimeter-Wave Spectral Region

F.B. Foote and D.T. Hodges. "CW Performance of Optically-Pumped Lasers in the Millimeter-Wave Spectral Region." 1977 MTT-S International Microwave Symposium Digest 77.1 (1977 [MWSYM]): 73-75.

Optically pumped lasers are maturing as powerful coherent sources for the near millimeter spectral region, and especially for wavelengths shorter than 500 μ m. Presented here is a summary of performance data and a discussion of the performance expectations for this new type of laser in the .9-2 mm region. The unique characteristics of optically pumped lasers will be described and compared to existing millimeter wave sources.

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