

Abstracts

Extending the MESFET's Optical Response to High Frequencies

M. Hilu, A. Madjar and A. Bar-lev. "Extending the MESFET's Optical Response to High Frequencies." 1994 MTT-S International Microwave Symposium Digest 94.2 (1994 Vol. II [MWSYM]): 1121-1124.

The MESFET as an optical detector has been explored in recent years. The main disadvantage of that kind of detector is its poor response at high frequencies. This paper presents a method to improve the response at high frequencies by applying resonance techniques. Theoretical analysis as well as experimental results are presented to demonstrate the feasibility of the proposed method.

 [Return to main document.](#)