

Abstracts

A Dual Diode TM₀₂₀ Cavity for IMPATT Diode Power Combining

R. Laton, S. Simoes and L. Wagner. "A Dual Diode TM₀₂₀ Cavity for IMPATT Diode Power Combining." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 129-131.

A unique design for doubling the number of IMPATT diodes combined in a TM₀₂₀ mode cavity combiner is described. Resulting performance exhibits improved combining efficiency and bandwidth over conventional TM₀₁₀ mode cavities.

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