

Abstracts

Noise Measurements and Noise Mechanisms in Microwave Mixer Diodes

A. Jelenski, M.V. Schneider, A.Y. Cho, E.R. Kollberg and H. Zirath. "Noise Measurements and Noise Mechanisms in Microwave Mixer Diodes." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 552-554.

Classic work on optimized heterodyne receivers has been concentrated on the network aspects of mixers with limited emphasis on device properties. We present an in depth analysis of the best possible mixer diode and of mechanisms limiting its performance.

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