

## Limitations of Microwave and Millimeter-Wave Mixers Due to Excess Noise (1985 [MWSYM])

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*G. Hegazi, A. Jelenski and S. Yngvesson. "Limitations of Microwave and Millimeter-Wave Mixers Due to Excess Noise (1985 [MWSYM])." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 431-435.*

Excess intervalley included in noise due to hot electrons, scattering and traps in the diode is the mixer noise analysis. Its influence is discussed for room temperature as well as for cooled mixers.

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