

Abstracts

Theory and Measurements of Noise in Varactor Harmonic Generator Sources

M.E. Hines and J.G. Ondria. "Theory and Measurements of Noise in Varactor Harmonic Generator Sources." 1966 G-MTT International Microwave Symposium Digest 66.1 (1966 [MWSYM]): 35-40.

Oscillators and harmonic generators are inherently nonlinear. Their responses to noisy perturbations are more characteristic of the modulation process than of linear superposition. It is commonly found that noise is present as modulation sidebands with strong correlation between noise components on opposite sides of the carrier.

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