

Abstracts

Noise in Pulsed Microwave Systems

C. Wong, E.P. Caramanis, A. Skantzaris, J. Bender and R.A. Campbell. "Noise in Pulsed Microwave Systems." 1987 MTT-S International Microwave Symposium Digest 87.2 (1987 Vol. II [MWSYM]): 543-545.

The relationship between the noise spectrum of a pulsed microwave signal and that of the same signal operating in the CW mode is derived theoretically and verified through measurements. It is shown that a simple closed form solution exists for wideband white noise but more involved calculations are required otherwise.

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