

Abstracts

Measurement of the Probability Density Function of a Microwave Noise Generator (Correspondence)

C. Bates and M. Ettenberg. "Measurement of the Probability Density Function of a Microwave Noise Generator (Correspondence)." 1968 Transactions on Microwave Theory and Techniques 16.9 (Sep. 1968 [T-MTT] (Special Issue on Noise)): 793-795.

A technique is described for measuring the probability density function (PDF) of a microwave noise generator. The noise output is sampled by a sampling oscilloscope and pulses corresponding to the sampled noise are analyzed by a pulse height analyzer. Standard statistical techniques are used to determine flatness and skewness of the PDF and to compare the measured PDF with that of the normal distribution.

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