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We consider random analytic functions defined on the unit disk of the complex plane as power series such that the coefficients are independent and identically distributed, complex-valued random variables with mean zero and unit variance. Y. Peres and B. Virág have successfully shown that for the case of complex Gaussian coefficients, the zero set forms a determinantal point process with the Bergman kernel. Here we show that for general choices of random coefficients, the zero set is asymptotically given by the same distribution near the boundary of the disk. (Received January 23, 2011)