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(54) **METHOD FOR ESTIMATING MAXIMUM POWER OF A CIRCUIT AND APPARATUS THEREOF**

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See application file for complete search history.

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(57) **ABSTRACT**

The present invention provides a method for adjusting a maximum power of a circuit having a first voltage output and a first power. The method includes the following steps: (a) obtaining a voltage coefficient by measuring the first power of the circuit and calculating an open-circuit voltage of the first voltage output; (b) estimating an estimated power based on the voltage coefficient; and (c) repeating the steps (a) to (b) for a specific number of times, in which the specific number of times is determined based on a variation of the estimated power during a time period.

20 Claims, 5 Drawing Sheets

