**power level**

Logarithm of the ratio of a power to a reference power. Levels are expressed in different ways: \( L_P = \frac{1}{2} \ln \left( \frac{P}{P_0} \right) \) Neper, where Neper is the symbol for the unit neper coherent with the SI, or \( L_P = 10 \log_{10} \left( \frac{P}{P_0} \right) \) decibel, where decibel is the symbol for the unit decibel.

*Source:*
Green Book, 2nd ed., p. 79