$$S(dBm) = 10 \times \log\left(\frac{S\left(\frac{mW}{cm^2}\right)}{\frac{1mW}{cm^2}}\right)$$

$$S\left(\frac{mW}{cm^2}\right) = 1mW/cm^2 \times 10^{\frac{S(dBm)}{10}}$$

S(dBm) - signal measured in logarithmic scale (dBm)

S(mW/cm²) Signal strength measured in mW/cm² (miliWatt on centimeter square) real scale.

Signal Strength different units		
0dBm	0,001000000000000 W/cm²	1mW/cm²
-10 dBm	0,000100000000000 W/cm²	100µ W/cm²
-20 dBm	0,000010000000000 W/cm²	10µ W/cm²
-30 dBm	0,000001000000000 W/cm²	1µ W/cm²
-40 dBm	0,000000100000000 W/cm²	100n W/cm²
-50 dBm	0,000000010000000 W/cm²	10n W/cm²
-60 dBm	0,000000001000000 W/cm²	1n W/cm²
-70 dBm	0,000000000100000 W/cm²	100p W/cm²
-80 dBm	0,000000000010000 W/cm²	10p W/cm²
-90 dBm	0,000000000001000 W/cm²	1p W/cm²
-100 dBm	0,000000000000100 W/cm²	100f W/cm²