

Relationship between dBm, W, dBuV, V

dBm	POWER	DBmV	VOLTAGE
-100	0.1 pW	7	2.2 miV
-90	1 pW	17	7miv
-80	10 pW	27	22 miV
-70	100 pW	37	70 miV
-60	1 nW	47	220 miV
-50	10 nW	57	700 miV
-47	20 nW	60	1 mV
-40	100 nW	67	2.2 mV
-30	1 mV	77	7 mV
-20	10 mV	87	22 mV
-10	100 mV	97	70 mV
0	1 mW	107	220 mV
10	10 mW	117	700 mV
20	100 mW	127	2.2 V
30	1 W	137	7 V
40	10 W	147	22 V
50	100 W	157	70 V
60	1 kW	167	220 V
70	10 kW	177	700 V
80	100 kW	187	2.2 kV
90	1 MW	197	7 kV

These values refers to 50 Ohms Impedance. (For 75 Ohms voltage values must be increased by 20%).

mi: micro

R V R usa

2501 NW 74 AVE MIAMI, FL 33122
 FAX 305-471-6979 PH: 305-471-9091

www.rvrusa.com
