

POWER CONVERSION TABLE

Power (dBm)	P (mW)	Volts ms to 50 Ohms	Volts Peak	Volts Peak to Peak
-60	0.00000100	0.000224	0.000316	0.00063
-59	0.00000126	0.000251	0.000355	0.00071
-58	0.00000158	0.000282	0.000398	0.00080
-57	0.00000200	0.000316	0.000447	0.00089
-56	0.00000251	0.000354	0.000501	0.00100
-55	0.00000316	0.000398	0.000562	0.00112
-54	0.00000398	0.000446	0.000631	0.00126
-53	0.00000501	0.000501	0.000708	0.00142
-52	0.00000631	0.000562	0.000794	0.00159
-51	0.00000794	0.000630	0.000891	0.00178
-50	0.00000100	0.000707	0.001000	0.00200
-49	0.00000126	0.000793	0.001122	0.00224
-48	0.00000158	0.000890	0.001259	0.00252
-47	0.00000200	0.00100	0.001413	0.00283
-46	0.00000251	0.00112	0.001585	0.00317
-45	0.00000316	0.00126	0.001778	0.00356
-44	0.00000398	0.00141	0.001995	0.00399
-43	0.00000501	0.00158	0.002239	0.00448
-42	0.00000631	0.00178	0.002512	0.00502
-41	0.00000794	0.00199	0.002818	0.00564
-40	0.00000100	0.00224	0.003162	0.00632
-39	0.00000126	0.00251	0.003548	0.00710
-38	0.00000158	0.00282	0.003981	0.00796
-37	0.00000200	0.00316	0.004467	0.00893
-36	0.00000251	0.00354	0.005012	0.0100
-35	0.00000316	0.00398	0.005623	0.0112
-34	0.00000398	0.00446	0.006310	0.0126
-33	0.00000501	0.00501	0.007079	0.0142
-32	0.00000631	0.00562	0.007943	0.0159
-31	0.00000794	0.00630	0.008913	0.0178
-30	0.0010	0.00707	0.010000	0.0200
-29	0.0013	0.00793	0.011220	0.0224
-28	0.0016	0.00890	0.012589	0.0252
-27	0.0020	0.00999	0.014125	0.0283
-26	0.0025	0.01121	0.015849	0.0317
-25	0.0032	0.01257	0.017783	0.0356
-24	0.0040	0.01411	0.019953	0.0399
-23	0.0050	0.01583	0.022387	0.0448
-22	0.0063	0.01776	0.025119	0.0502
-21	0.0079	0.01993	0.028184	0.0564
-20	0.0100	0.02236	0.031623	0.0632
-19	0.0126	0.02509	0.035481	0.0710
-18	0.0158	0.02815	0.039811	0.0796
-17	0.0200	0.03159	0.044668	0.0893
-16	0.0251	0.03544	0.050119	0.1002
-15	0.0316	0.03976	0.056234	0.1125
-14	0.0398	0.04462	0.063096	0.1262
-13	0.0501	0.05006	0.070795	0.1416
-12	0.0631	0.05617	0.079433	0.1589
-11	0.0794	0.06302	0.089125	0.1783
-10	0.1000	0.07071	0.100000	0.2000

Power (dBm)	P (mW)	Volts ms to 50 Ohms	Volts Peak	Volts Peak to Peak
-9	0.1259	0.07934	0.112	0.2244
-8	0.1585	0.08902	0.126	0.2518
-7	0.1995	0.09988	0.141	0.2825
-6	0.2512	0.11207	0.158	0.3170
-5	0.3162	0.12574	0.178	0.3557
-4	0.3981	0.14109	0.200	0.3991
-3	0.5012	0.15830	0.224	0.4477
-2	0.6310	0.17762	0.251	0.5024
-1	0.7943	0.19929	0.282	0.5637
0	1.0000	0.22361	0.316	0.6325
1	1.259	0.25089	0.355	0.7096
2	1.585	0.28150	0.398	0.7962
3	1.995	0.31585	0.447	0.8934
4	2.512	0.35439	0.501	1.0024
5	3.162	0.39764	0.562	1.1247
6	3.981	0.44615	0.631	1.2619
7	5.012	0.50059	0.708	1.4159
8	6.310	0.56167	0.794	1.5887
9	7.943	0.63021	0.891	1.7825
10	10.000	0.70711	1.000	2.0000
11	12.589	0.79339	1.122	2.2440
12	15.849	0.89019	1.259	2.5179
13	19.953	0.99881	1.413	2.8251
14	25.119	1.12069	1.585	3.1698
15	31.623	1.25743	1.778	3.5566
16	39.811	1.41086	1.995	3.9905
17	50.119	1.58301	2.239	4.4774
18	63.096	1.77617	2.512	5.0238
19	79.433	1.99290	2.818	5.6368
20	100.000	2.23607	3.162	6.3246
21	125.893	2.50891	3.548	7.0963
22	158.489	2.81504	3.981	7.9621
23	199.526	3.15853	4.467	8.9337
24	251.189	3.54393	5.012	10.0237
25	316.228	3.97635	5.623	11.2468
26	398.107	4.46154	6.310	12.6191
27	501.187	5.00593	7.079	14.1589
28	630.957	5.61675	7.943	15.8866
29	794.328	6.30210	8.913	17.8250
30	1000.000	7.07107	10.000	20.0000
31	1258.925	7.93387	11.220	22.4404
32	1584.893	8.90195	12.589	25.1785
33	1995.262	9.98815	14.125	28.2508
34	2511.886	11.20689	15.849	31.6979
35	3162.278	12.57433	17.783	35.5656
36	3981.072	14.10864	19.953	39.9052
37	5011.872	15.83015	22.387	44.7744
38	6309.573	17.76172	25.119	50.2377
39	7943.282	19.92898	28.184	56.3677
40	10000.000	22.36068	31.623	63.2456
41	12589.254	25.08910	35.481	70.9627