

50 ohm dBm to microVolt Conversion Table

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dBm	uV	dBm	uV	dBm	uV	dBm	uV
-140.0	0.022	-120.0	0.224	-100.0	2.236	-80.0	22.361
-139.5	0.024	-119.5	0.237	-99.5	2.369	-79.5	23.686
-139.0	0.025	-119.0	0.251	-99.0	2.509	-79.0	25.089
-138.5	0.027	-118.5	0.266	-98.5	2.658	-78.5	26.576
-138.0	0.028	-118.0	0.282	-98.0	2.815	-78.0	28.150
-137.5	0.030	-117.5	0.298	-97.5	2.982	-77.5	29.818
-137.0	0.032	-117.0	0.316	-97.0	3.159	-77.0	31.585
-136.5	0.033	-116.5	0.335	-96.5	3.346	-76.5	33.457
-136.0	0.035	-116.0	0.354	-96.0	3.544	-76.0	35.439
-135.5	0.038	-115.5	0.375	-95.5	3.754	-75.5	37.539
-135.0	0.040	-115.0	0.398	-95.0	3.976	-75.0	39.764
-134.5	0.042	-114.5	0.421	-94.5	4.212	-74.5	42.120
-134.0	0.045	-114.0	0.446	-94.0	4.462	-74.0	44.615
-133.5	0.047	-113.5	0.473	-93.5	4.726	-73.5	47.259
-133.0	0.050	-113.0	0.501	-93.0	5.006	-73.0	50.059
-132.5	0.053	-112.5	0.530	-92.5	5.303	-72.5	53.026
-132.0	0.056	-112.0	0.562	-92.0	5.617	-72.0	56.167
-131.5	0.059	-111.5	0.595	-91.5	5.950	-71.5	59.496
-131.0	0.063	-111.0	0.630	-91.0	6.302	-71.0	63.021
-130.5	0.067	-110.5	0.668	-90.5	6.676	-70.5	66.755
-130.0	0.071	-110.0	0.707	-90.0	7.071	-70.0	70.711
-129.5	0.075	-109.5	0.749	-89.5	7.490	-69.5	74.901
-129.0	0.079	-109.0	0.793	-89.0	7.934	-69.0	79.339
-128.5	0.084	-108.5	0.840	-88.5	8.404	-68.5	84.040
-128.0	0.089	-108.0	0.890	-88.0	8.902	-68.0	89.019
-127.5	0.094	-107.5	0.943	-87.5	9.429	-67.5	94.294
-127.0	0.100	-107.0	0.999	-87.0	9.988	-67.0	99.881
-126.5	0.106	-106.5	1.058	-86.5	10.580	-66.5	105.800
-126.0	0.112	-106.0	1.121	-86.0	11.207	-66.0	112.069
-125.5	0.119	-105.5	1.187	-85.5	11.871	-65.5	118.709
-125.0	0.126	-105.0	1.257	-85.0	12.574	-65.0	125.743
-124.5	0.133	-104.5	1.332	-84.5	13.319	-64.5	133.194
-124.0	0.141	-104.0	1.411	-84.0	14.109	-64.0	141.086
-123.5	0.149	-103.5	1.494	-83.5	14.945	-63.5	149.446
-123.0	0.158	-103.0	1.583	-83.0	15.830	-63.0	158.301
-122.5	0.168	-102.5	1.677	-82.5	16.768	-62.5	167.681
-122.0	0.178	-102.0	1.776	-82.0	17.762	-62.0	177.617
-121.5	0.188	-101.5	1.881	-81.5	18.814	-61.5	188.142
-121.0	0.199	-101.0	1.993	-81.0	19.929	-61.0	199.290
-120.5	0.211	-100.5	2.111	-80.5	21.110	-60.5	211.098
-120.0	0.224	-100.0	2.236	-80.0	22.361	-60.0	223.607

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dBm	uV	dBm	uV	dBm	uV	dBm	uV
-60.0	223.607	-40.0	2236.068	-20.0	22360.680	0.0	223606.798
-59.5	236.856	-39.5	2368.563	-19.5	23685.633	0.5	236856.333
-59.0	250.891	-39.0	2508.910	-19.0	25089.095	1.0	250890.954
-58.5	265.757	-38.5	2657.572	-18.5	26575.718	1.5	265757.177
-58.0	281.504	-38.0	2815.043	-18.0	28150.428	2.0	281504.280
-57.5	298.184	-37.5	2981.845	-17.5	29818.446	2.5	298184.457
-57.0	315.853	-37.0	3158.530	-17.0	31585.300	3.0	315852.997
-56.5	334.568	-36.5	3345.685	-16.5	33456.846	3.5	334568.464
-56.0	354.393	-36.0	3543.929	-16.0	35439.289	4.0	354392.892
-55.5	375.392	-35.5	3753.920	-15.5	37539.199	4.5	375391.991
-55.0	397.635	-35.0	3976.354	-15.0	39763.536	5.0	397635.364
-54.5	421.197	-34.5	4211.967	-14.5	42119.674	5.5	421196.741
-54.0	446.154	-34.0	4461.542	-14.0	44615.422	6.0	446154.217
-53.5	472.591	-33.5	4725.905	-13.5	47259.052	6.5	472590.516
-53.0	500.593	-33.0	5005.933	-13.0	50059.326	7.0	500593.265
-52.5	530.255	-32.5	5302.553	-12.5	53025.528	7.5	530255.281
-52.0	561.675	-32.0	5616.749	-12.0	56167.488	8.0	561674.881
-51.5	594.956	-31.5	5949.562	-11.5	59495.621	8.5	594956.210
-51.0	630.210	-31.0	6302.096	-11.0	63020.958	9.0	630209.582
-50.5	667.552	-30.5	6675.518	-10.5	66755.185	9.5	667551.847
-50.0	707.107	-30.0	7071.068	-10.0	70710.678	10.0	707106.781
-49.5	749.005	-29.5	7490.055	-9.5	74900.549	10.5	749005.492
-49.0	793.387	-29.0	7933.869	-9.0	79338.686	11.0	793386.858
-48.5	840.398	-28.5	8403.980	-8.5	84039.798	11.5	840397.984
-48.0	890.195	-28.0	8901.947	-8.0	89019.470	12.0	890194.696
-47.5	942.942	-27.5	9429.420	-7.5	94294.205	12.5	942942.048
-47.0	998.815	-27.0	9988.149	-7.0	99881.488	13.0	998814.876
-46.5	1057.998	-26.5	10579.984	-6.5	105799.838	13.5	1057998.379
-46.0	1120.689	-26.0	11206.887	-6.0	112068.872	14.0	1120688.724
-45.5	1187.094	-25.5	11870.937	-5.5	118709.371	14.5	1187093.705
-45.0	1257.433	-25.0	12574.334	-5.0	125743.343	15.0	1257433.430
-44.5	1331.941	-24.5	13319.410	-4.5	133194.104	15.5	1331941.045
-44.0	1410.864	-24.0	14108.635	-4.0	141086.351	16.0	1410863.513
-43.5	1494.462	-23.5	14944.624	-3.5	149446.243	16.5	1494462.432
-43.0	1583.015	-23.0	15830.149	-3.0	158301.490	17.0	1583014.898
-42.5	1676.814	-22.5	16768.144	-2.5	167681.443	17.5	1676814.428
-42.0	1776.172	-22.0	17761.719	-2.0	177617.193	18.0	1776171.929
-41.5	1881.417	-21.5	18814.167	-1.5	188141.673	18.5	1881416.733
-41.0	1992.898	-21.0	19928.977	-1.0	199289.768	19.0	1992897.683
-40.5	2110.984	-20.5	21109.843	-0.5	211098.429	19.5	2110984.294
-40.0	2236.068	-20.0	22360.680	0.0	223606.798	20.0	2236067.977