

## Conversion of V/m to Power Density in $\mu\text{W}/\text{cm}^2$ (American) and $\mu\text{W}/\text{m}^2$ (European)

Measured E-Field V/m	RF Power Density $\mu\text{W}/\text{cm}^2$ (American)	RF Power Density $\mu\text{W}/\text{m}^2$ (European)
.050	0.0007	7
.100	0.0027	27
.150	0.0060	60
.200	0.011	106
.250	0.017	166
.300	0.024	239
.350	0.032	325
.400	0.042	424
.450	0.054	537
.500	0.066	663
.550	0.080	802
.600	0.095	955
.650	0.112	1,121
.700	0.130	1,300
.750	0.149	1,492
.800	0.170	1,698
.850	0.192	1,916
.900	0.215	2,149
.950	0.239	2,394
1.000	0.265	2,653
1.100	0.321	3,210
1.200	0.382	3,820
1.300	0.448	4,483
1.400	0.520	5,199
1.500	0.597	5,968
1.600	0.679	6,790
1.700	0.767	7,666
1.800	0.859	8,594
1.900	0.958	9,576
2.000	1.061	10,610
2.100	1.170	11,698
2.200	1.284	12,838
2.300	1.403	14,032
2.400	1.528	15,279
2.500	1.658	16,578
2.600	1.793	17,931

Measured E-Field V/m	RF Power Density $\mu\text{W}/\text{cm}^2$ (American)	RF Power Density $\mu\text{W}/\text{m}^2$ (European)
2.700	1.934	19,337
2.800	2.080	20,796
2.900	2.231	22,308
3.000	2.387	23,873
3.100	2.549	25,491
3.200	2.716	27,162
3.300	2.889	28,886
3.400	3.066	30,663
3.500	3.249	32,493
3.600	3.438	34,377
3.700	3.631	36,313
3.800	3.830	38,302
3.900	4.034	40,345
4.000	4.244	42,440
4.100	4.459	44,589
4.200	4.679	46,790
4.300	4.905	49,045
4.400	5.135	51,353
4.500	5.371	53,714
4.600	5.613	56,127
4.700	5.859	58,594
4.800	6.111	61,114
4.900	6.369	63,687
5.000	6.631	66,313
5.500	8.024	80,239
6.000	9.549	95,491
6.500	11.207	112,069
7.000	12.997	129,973
7.500	14.920	149,204
8.000	16.976	169,761
8.500	19.164	191,645
9.000	21.485	214,854
9.500	23.939	239,390
10.000	26.525	265,252
10.500	29.244	292,440
11.000	32.095	320,955