

VOLTAGE TO POWER CONVERSION TABLE

VOLTAGE				POWER		
RMS	Peak to Peak		dBmV	Watts		dBm
1.0 μ V	2.828 μ V		-60.00	20.00 x 10 ⁻¹⁵		107.00
2.0 μ V	5.657 μ V		-59.98	80.00 x 10 ⁻¹⁵		-101.00
4.0 μ V	11.31 μ V		-47.96	320.00 x 10 ⁻¹⁵		-94.95
8.0 μ V	22.63 μ V		-41.96	1.28 x 10 ⁻¹²		-88.93
10.0 μ V	28.28 μ V		-40.00	2.00 x 10 ⁻¹²		-86.99
20.0 μ V	56.57 μ V		-33.98	8.00 x 10 ⁻¹²		-80.97
40.0 μ V	113.1 μ V		-27.96	32.00 x 10 ⁻¹²		-169.00
80.0 μ V	226.3 μ V		-21.94	128.00 x 10 ⁻¹²		-68.93
100.0 μ V	282.8 μ V		-20.00	200.00 x 10 ⁻¹²		-66.99
200.0 μ V	565.7 μ V		-13.98	800.00 x 10 ⁻¹²		-60.97
400.0 μ V	1.131 mV		-7.96	3.20 x 10 ⁻⁹		-54.95
800.0 μ V	2.263 mV		-1.94	12.80 x 10 ⁻⁹		-48.93
1.0 mV	2.828 mV		0.00	20.00 x 10 ⁻⁹		-46.99
2.0 mV	5.657 mV		6.02	80.00 x 10 ⁻⁹		-40.97
4.0 mV	11.31 mV		12.04	320.00 x 10 ⁻⁹		-34.95
8.0 mV	22.63 mV		18.06	1.28 μ W		-28.93
10.0 mV	28.28 mV		20.00	2.00 μ W		-26.99
20.0 mV	56.57 mV		26.02	9.00 μ W		-20.97
40.0 mV	113.1 mV		32.04	32.00 μ W		-14.95
80.0 mV	226.3 mV		38.06	128.00 μ W		-8.93
100.0 mV	282.8 mV		40.00	200.00 μ W		-6.99
200.0 mV	565.7 mV		46.02	800.00 μ W		-0.97
223.6 mV	632.4 mV		46.99	1.00 mW		0.00
400.0 mV	1.131 V		52.04	3.20 mW		5.05
800.0 mV	2.263 V		58.06	12.80 mW		11.07
1.0 V	2.828 V		60.00	20.00 mW		13.01
2.0 V	5.657 V		66.02	80.00 mW		19.03
4.0 V	11.31 V		72.04	320.00 mW		25.05
8.0 V	22.63 V		78.06	1.28 W		31.07
10.0 V	28.28 V		80.00	2.00 W		33.01
20.0 V	56.57 V		86.02	8.00 W		39.03
40.0 V	113.1 V		92.04	32.00 W		45.05
80.0 V	226.3 V		98.06	128.00 W		51.07
100.0 V	282.8 V		100.00	200.00 W		53.01
200.0 V	565.6 V		106.00	800.00 W		59.03
223.6 V	632.4 V		107.00	1000.00 W		60.00
400.0 V	1131.0 V		112.00	3.20 kW		65.05
800.0 V	2263.0 V		118.10	12.80 kW		71.07