

dBm - volts - watts conversion chart

dBm	V	Po	dBm	V	Po	dBm	V	Po
+53	100.0	200W	+14	1.15	25mW	-22	17.9	
+50	70.7	100W	+13	1.00	20mW	-23	15.9	
+49	64.0	80W	+12	.9	16mW	-24	14.1	
+48	58.0	64W	+11	.8	12.5mW	-25	12.8	
+47	50.0	50W	+10	.71	10mW	-26	11.5	
+46	44.5	40W	+9	.64	8mW	-27	10.0	
+45	40.0	32W	+8	.58	6.4mW	-28	8.9	
+44	32.5	25W	+7	.500	5.0mW	-29	8.0	
+43	32.0	20W	+6	.445	4.0mW	-30	7.1	.001mW
+42	28.0	16W	+5	.400	3.2mW	-31	6.25	
+41	26.2	12.5W	+4	.355	2.5mW	-32	5.8	
+40	22.5	10W	+3	.320	2.0mW	-33	5.0	
+39	20.0	8W	+2	.280	1.6mW	-34	4.5	
+38	18.0	6.4W	+1	.252	1.25mW	-35	4.0	
+37	16.0	5W	0	.225	1.0mW	-36	3.5	
+36	14.1	4W	-1	.200	.8mW	-37	3.2	
+35	12.5	3.2W	-2	.180	.64mW	-38	2.85	
+34	11.5	2.5W	-3	.160	.50mW	-39	2.5	
+33	10.0	2W	-4	.141	.40mW	-40	2.25	.1uW
+32	9.0	1.6W	-5	.125	.32mW	-41	2.0	
+31	8.0	1.25W	-6	.115	.25mW	-42	1.8	
+30	7.1	1.0W	-7	.100	.20mW	-43	1.6	
+29	6.4	800mW	-8	.090	.16mW	-44	1.4	
+28	5.8	640mW	-9	.080	.125mW	-45	1.25	
+27	5.0	500mW	-10	.071	.10mW	-46	1.18	
+26	4.45	400mW	-11	.064		-47	1.00	
+25	4.0	320mW	-12	.058		-48	0.90	
+24	3.55	250mW	-13	.050		-49	0.80	
+23	3.2	200mW	-14	.045		-50	0.71	.01uW
+22	2.8	160mW	-15	.040		-51	0.64	
+21	2.52	125mW	-16	.0355		-52	0.57	
+20	2.25	100mW	dBm mV			-53	0.50	
+19	2.0	80mW	-17	31.5		-54	0.45	
+18	1.8	64mW	-18	28.5		-55	0.40	
+17	1.6	50mW	-19	25.1		-56	0.351	
+16	1.41	40mW	-20	22.5	.01mW	-57	0.32	
+15	1.25	32mW	-21	20.0		-58	0.286	