

<u>dBm</u>	<u>Watts</u>
70	10,000
69	7,943
68	6,310
67	5,012
66	3,981
65	3,162
64	2,512
63	1,995
62	1,585
61.76	1,500
61	1259
60	1,000
59	794
58	631
57	501
56	398
55	316
54	251
53	200
52	158
51	126
50	100

<u>dBm</u>	<u>S Units</u>
-63	S9+10
-73	S9
-79	S8
-85	S7
-91	S6
-97	S5
-103	S4
-109	S3
-115	S2
-121	S1

Note: Every time you double power it is a 3 dB increase, When you cut power by half it's a 3 dB decrease. It is widely accepted that a S unit is 6 dB. The S meter measures everything above S9 in dBs and everything below S9 in S units. For example if someone receives you at S7 at 100 watts you would have to increase power to 400 watts for the S meter to indicate S8. However, if you are received at S9 at 100 watts and increase your power to 400 watts it would indicate S9+6 or as more commonalty stated 6 over S9 or just 6 over.

