

Lets take the power of 4 watts and increase it by 3 decibels;

The magic number to remember is 1.26

1dB - 4W x 1.26 = 5.04W – with ONE Decibel increase

For 2 dB - Now we multiply the answer 5.04W x 1.26 =

6.35W – of the original 4W to 2 Decibels

For 3 dB - Now we multiply 6.35W x 1.26 = 8W – which is 3

dB of the original 4W

*** Therefore for every 3dB your power doubles... ***