
Subject: Re: Using Socket to read wireless LAN router info page

Posted by [Braedley](#) on Thu, 18 Jan 2007 00:12:10 GMT

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Haha, you're right. I must not have been thinking. Boy do I suddenly feel stupid.

Braedley

PS: In any case, 20dB should still be good enough for digital transmissions.

On Jan 9, 6:43 am, Carsten Lechte <c...@toppoint.de> wrote:

> Braedley wrote:

>> about the signal to noise ratio (SNR), 20dB is either sufficient, or
>> more than enough, depending on if it's a voltage ratio or a power
>> ratio. A minor point: dB ratings for a certain process do not depend
> on what quantity (amplitude or power) is being measured.
> A 20 dB amplifier has an amplification factor of 100 in power
> and an amplification factor of 10 in amplitude:

>

> $\text{dB} = 10 \log_{10}(\text{power1}/\text{power0})$ or

> $\text{dB} = 20 \log_{10}(\text{amplitude1}/\text{amplitude0})$

>

> This can be confusing at first.

> See <http://en.wikipedia.org/wiki/Decibel#Definition>

>

> chl
