

Statement

Verification of the power settings to receive the same output power as the original application of the 3Com WL305 PCMCIA card (FCC ID: DF6-WL305)

The original application was measured with

- max. EIRP of 41.411528 mW (= 16.17 dBm)
- SAR report refers to a max EIRP of 19 dBm (= 80 mW)

We lowered the output power of the modified version by 6 dB compared to the values reported in the test report 187FCC/2001. This results in the following power values

- Max EIRP 16.4 dBm
- The measured conducted peak output power yielding to this radiated output level is 13.5 dBm.

These values match very well with the original device and show the same distance to the SAR power values.

The measurements of the EIRP were made as radiated output power using the substitution method, since it reflects the real situation, where the card is inserted in a Laptop PC. The conducted peak output power was measured separately to check the gain of the antenna.



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