

NETGEAR Incorporated

4500 Great America Parkway Santa Clara,
CA 95054 U.S.A.

FCC ID : PY3WG302

Product : F802.11g ProSafe Wireless Access Point

Model : WG302

Radiated emissions were performed on the system configured with the following antennas:

- Omni-directional (ANT2412: 12 dBi)
- Ceiling (ANT24O5: 5 dBi)
- Panel (ANT24D18: 18 dBi)

The shortest NETGEAR commercially-available cable 1.5m (ACC-10314-01 Attenuation:1.1dB) was used with the above antennas to ensure they were all operating at the maximum EIRP.

The above configurations represent the configurations of the system with the highest gain antenna of each type (Omni, ceiling and panel) and the results should be sufficient to cover the following configurations of antennas under the current application for certification:

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Antenna	Type	Gain	Min Cable Length	Min Cable Loss	Max EIRP (equals max power out + gain – loss) *
ANT24P2	Omni	2 dBi	N/A	0	Pout + 2 dBm
ANT24P3	Omni	3 dBi	N/A	0	Pout + 3 dBm
ANT24P4	Omni	4 dBi	N/A	0	Pout + 4 dBm
ANT24S4	Omni	4 dBi	1.5m	1.1dB	Pout + 2.9 dBm
ANT24P5	Omni	5 dBi	N/A	0	Pout + 5 dBm
ANT24S5	Omni	5 dBi	1.5m	1.1dB	Pout + 3.9 dBm
ANT24P7	Omni	7 dBi	N/A	0	Pout + 7 dBm
ANT24P93	Omni	9 dBi	1.5m	1.1dB	Pout + 7.9 dBm
ANT24O9	Omni	9 dBi	1.5m	1.1dB	Pout + 7.9 dBm
ANT24P12	Omni	12 dBi	1.5m	1.1dB	Pout + 10.9 dBm
ANT24P123	Omni	12 dBi	1.5m	1.1dB	Pout + 10.9 dBm
ANT24O5	Ceiling	5 dBi	1.5m	1.1dB	Pout + 3.9 dBm
ANT24D12	Patch	12 dBi	1.5m	1.1dB	Pout + 10.9 dBm
ANT24D18	Patch	18 dBi	1.5m	1.1dB	Pout + 16.9 dBm

*: WG302 Maximum Power out = Pout [replace pink by value]

Pout=19dBi

Sincerely,

Signature:

MARK MORRIS 1/27/04
(Name / Date)