

Declaration on radiation safety standard conformance

To whom it may concern:

GlobespanVirata B.V.
Rembrandtlaan 1a
3723 BG Bilthoven
The Netherlands

declares that the following product

Description: 2.4 GHz IEEE 802.11b/g USB device
FCC ID: RGS38001U
Manufacturer: GlobespanVirata B.V.
Brand: GlobespanVirata
Model: ISL38001U

has a maximum e.i.r.p. of 23.2 dBm (208.9 mW, maximum conducted output power of +21.2 dbm plus antenna gain of 2 dBi) in the frequency range of 2412 – 2462 MHz, which means that the worst case prediction of power density (100% reflection) at 20 cm distance (worst case) can be calculated as follows :

$$S = \frac{EIRP}{4 * \pi * R^2} \quad (\text{power density without reflection})$$

$$S = \frac{2^2 * EIRP}{4 * \pi * R^2} \quad (\text{power density with 100\% reflection})$$

$$S = \frac{2^2 * EIRP}{4 * \pi * R^2} = \frac{208.9 \text{ mW}}{\pi * (20\text{cm})^2} = 0.17 \text{ mW/cm}^2 \quad (\text{limit} = 1.0 \text{ mW/cm}^2)$$

This means that according to OET Bulletin 65 (Edition 97-01), Supplement C (Edition 01-01), the equipment fulfills the requirements on power density for general population/uncontrolled exposure and therefore fulfills the requirements of 47 CFR Part 15.247 (b)(5).