

Declaration on radiation safety standard conformance

Vocollect, Inc. – U.S.A., July 10, 2000

To Whom It May Concern:

Vocollect, Inc.
Doug Zatezalo
Sr. Manufacturing Engineer,

Declares that the following product

description: 2.4 GHz Low Power RLAN transceiver
FCC ID: MQOTT500-33300
manufacturer: Vocollect, Inc.
brand: Vocollect
type/modelnumber: 11 Mbps Wireless LAN PC card

has an e.i.r.p. less than 17 dBm (50mW, including antenna gain of 2 dB with antenna PT-656022), which means that the worst case prediction of power density (100% reflection) at 4.3 cm distance (worst case) can be calculated as follows :

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

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

$$S = \frac{2^2 * EIRP}{4\pi * R^2} = \frac{50\text{mW}}{\pi * (4.3\text{cm})^2} = 0.86 \text{ mW/cm}^2 \quad (\text{limit} = 1.0 \text{ mW/cm}^2)$$

This means that according to the Supplement C (edition 97-01) to OET Bulletin 65 (edition 97-01) [1] the equipment fulfills the requirements on power density for general population/uncontrolled exposure and therefore fulfills the requirements of FCC Part 15.247(b)4.


name: Doug Zatezalo
position held: Sr. Manufacturing Engineer

[1] Federal Communications Commission Office of Engineering & Technology, "Evaluating compliance with FCC guidelines for human exposure to radiofrequency electromagnetic fields, additional information for evaluating compliance of mobile and portable devices with FCC limits for human exposure to radiofrequency emissions", Supplement C (edition 97-01) to OET Bulletin 65 (edition 97-01).