

## Declaration on radiation safety standard conformance

To whom it may concern:

**Agere Systems Nederland B.V.**  
**Zadelstede 1-10**  
**3431 JZ Nieuwegein**  
**The Netherlands**

declares that the following product

Description: 2.4 GHz Low Power RLAN MiniPCI transceiver  
 FCC ID: IMRMPCIDE3  
 Manufacturer: Agere Systems Nederland B.V.  
 Brand: Agere  
 Type/model number: MPC13A-20/R

has an e.i.r.p. less than 18.0 dBm (63.1 mW, including a maximum antenna gain of +3 dBi), which means that the worst case prediction of power density (100% reflection) at 20 cm distance (worst case) can be calculated as follows :

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

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

$$S = \frac{2^2 * EIRP}{4 * \pi * R^2} = \frac{63.1 \text{ mW}}{\pi * (20\text{cm})^2} = 0.05 \text{ mW/cm}^2 \quad (\text{limit} = 1.0 \text{ mW/cm}^2)$$

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 CFR 47 Part 15.247(b)(4).

This 2.4 GHz Low Power RLAN MiniPCI transceiver has a conducted output power of less than 50 mW. With reference to OET Bulletin 65 (Edition 97-01), Supplement C (Edition 01-01), Section 3, Footnote 14, a SAR test report is not required to demonstrate compliance with CFR 47 Part 15.247(b)(4).