Declaration on radiation safety standard conformance - MPE Evaluation

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 transceiver
FCC ID:	IMRPC2411B
Manufacturer:	Agere Systems Nederland B.V.
Brand:	Agere
Type/model number:	0111-PC
External antenna:	Antenna gain 5dBi max (including cable loss)

has an e.i.r.p of 20 dBm max. (00 mW, including a maximum antenna gain of +5 dBi).
The power density at a distance R = 20 cm shall not exceed the limit of 1.0 mW/cm^2 (Table 1 in 47 CFR §1.1310) and is calculated as follows:

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

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

$$S = \frac{2^2 *EIRP}{4*\pi * R^2} = \frac{100\ mW}{3.14*(20)^2} = 0.08\ mW/cm^2$$

This means that according to the Supplement C (edition 01-01) to OET Bulletin 65 (edition 97-01) the equipment can fulfil the requirements on power density for general population/uncontrolled exposure and therefore can fulfil the requirements of FCC Part 15.247(b) (4) at a separation distance of at least 20 cm between the user and the antenna.

The user/installation manual will contain the following RF Exposure statement:

To comply with FCC RF exposure compliance requirements, the following antenna installation and device operating configurations must be satisfied:

- *Radio cards connected to external antennas*
  The separation distance between the antenna and any person's body (including hands, wrists, feet and ankles) must be at least 20 cm (8 inches).

Name: W. Kerkhof
Position held: Regulatory Compliance