

Uppgjord (även faktaansvarig om annan) - WSS Mikael Ohlsson Dokansvi/Godk - Doc respons/Approved WSS Tomas Blom	Kontr - Checked	Nr - No WSS/D/R 01:027 Datum - Date 2001-08-09	Rev	File
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Declaration on Radiation Safety Standard Conformance

Wireless Solutions Sweden AB
Rissneleden 138
Box 2043
174 02 Sundbyberg
Sweden

Declares that the following product:

LSE 044, Bluetooth 2.4GHz Palm Adapter,

have an EIRP of less than 2,5 mW, which means that the worst case prediction of power density (100% reflection) at 1cm distance (worst case) could be calculated as follows:

$$S = \text{EIRP}/(4\pi R^2) \quad (\text{Power density without reflection})$$

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

$$S = (4\text{EIRP}/(4\pi R^2)) = 2,5 \text{ mW}/\pi \cdot (1\text{cm})^2 = 0,79 \text{ mW}/\text{cm}^2 \quad (\text{limit} = 1,0 \text{ mW}/\text{cm}^2)$$

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 requirement of FCC Part 15.247(b)4.

Sundbyberg, 09 August 2001



Tomas Blom

Manager RF Design

Wireless Solutions Sweden AB

- [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).