

Uppgjord (även faktaanvarig om annan) - WSS Mikael Ohlsson		Nr - No WSS/D/R 01:024	
Dokansett/Godk - Doc respons/Approved WSS Tomas Blom	Kontr - Checked	Datum - Date 2001-06-14	Rev A
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Declaration on Radiation Safety Standard Conformance

Wireless Solutions Sweden AB
Rissneleden 138
Box 2043
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Declares that the following product:

LSE 039, Bluetooth 2.4GHz Compact Flash Card,

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

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

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

$$S = (4 * \text{EIRP} / (4 * \pi * R^2)) = 1 \text{ mW} / \pi * (1\text{cm})^2 = 0.32\text{mW/cm}^2 \text{ (limit = } 1.0\text{mW/cm}^2)$$

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 requirement of FCC Part 15.247(b)4.

Sundbyberg, 14 June 2001



Tomas Blom

Manager RF Design

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- [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).

