

STATEMENT ON EXPOSURE TO ELECTROMAGNETIC FIELDS

No. 614050_SAR

EQUIPMENT

Type of equipment:	IEEE 802.11 b/g WLAN Chipset on a reference platform
Type / Model:	NRX700 Chipset
Manufacturer:	Nanoradio AB
By request of:	Nanoradio AB

DIRECTIVE

OET Bulletin 65, supplement C

CALCULATIONS

The product has an EIRP of less than 350 mW and a duty cycle (dc) of 48 % according to the manufacturer. The manual recommends that the operator is not closer than (r) 20 cm to the transmitter's antenna.

A worst case calculation is as follows:

$$S = \frac{dc \times EIRP}{4 \times \pi \times r^2}$$

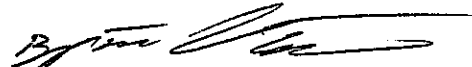
$$S = 0,48 \times 350 / (4 \times \pi \times 20^2) = 0,03 \text{ mW/cm}^2$$

Reference level limit according to OET Bulletin 65, supplement C for power density at 2437 MHz is 1 mW/cm².

Considering the calculations above it is determined that the requirements according to the referred directive are fulfilled without testing.

Intertek Semko AB

Date of issue: 2006-11-13



Björn Utermöhl



Intertek Semko AB

Torshamnsgatan 43, Box 1103, SE-164 22 Kista, Sweden

Telephone +46 8 750 00 00, Fax +46 8 750 60 30, www.sweden.intertek-etlsemko.com

Registered in Sweden: No SE556024059901, Registered office: As address