

# STATEMENT ON EXPOSURE TO ELECTROMAGNETIC FIELDS

**No. 412825-1U**

## EQUIPMENT

Type of equipment:	Medical device
Brand name:	-
Type / Model:	NOAHlink
Manufacturer:	GN Otometrics A/S
By request of:	GN Otometrics A/S

## DIRECTIVE

OET Bulletin 65, supplement C

## CALCULATIONS

The product has an EIRP of less than 20 mW. When used according to the manual the patient is not closer than (r) 1.5 cm to the transmitter's antenna.

A worst case calculation is as follows:

$$S = \frac{EIRP}{4 \times \pi \times r^2} \quad (\text{Power density})$$

$$S = 20 / (4 \times \pi \times 1.5^2) = 0.71 \text{ mW/cm}^2$$

Reference level limit according to OET Bulletin 65, supplement C for power density at 2400 MHz is 1 mW/cm<sup>2</sup>

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



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Date of issue: June 29, 2005

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