GN ReSound

June 2nd 2010

Attn: Reviewing Engineer
Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

Re: RF exposure information for SAS-2 and FCC ID X26SAS-2:

To Whom It May Concern:

MPE calculation

The transmitter operates at 2.4 GHz. The limit for §1.1310 for the general public is a maximum power density of 1 mW/cm^2.

The maximum measured conducted output power is 13.85 dBm or 24.3 mW.
The gain of the antenna is 1.5 dBi = 1.4.

The device is mobile and will be used at a separation distance greater than 20 cm.

The maximum power density at a distance of 20 cm from the device is calculated according to equation 3, p. 19 of FCC OET Bulletin 65:

$$S = \frac{PG}{4\pi R^2} = \frac{0.024 \cdot 1.4}{4 \cdot \pi \cdot 20^2} = 0.0068 mW/cm^2$$

Result:

The estimated maximum power density is 0.0068 mW/cm^2, which is below the MPE limit of 1 mW/cm^2.

Sincerely,

Lars Hagander
Vice President Corporate Quality
GN Hearing A/S

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