

RF exposure analysis for the equipment Polar OM (FCC ID: INW0M; IC: 6248A-0M)

The output power of the device is extremely low (3.3 mW e.i.r.p.) and far below the 10 mW SAR exclusion threshold for 2.4 GHz frequency band as detailed in Appendix A of KDB 447498 D01 General RF Exposure Guidance v05r01, 4.3.1 1).

$$\left[\frac{3.3mW}{5mm} \right] * [\sqrt{2.440GHz}] = 1.03 \leq 3.0$$

The output power of the device (3.3 mW e.i.r.p., 3.1mW conducted) is also below the 20mWatt output power threshold set in section 2.5.1 of RSS-102.

For that reason the equipment is categorically excluded from routine environmental evaluation for RF exposure and it is deemed to comply with FCC and IC limits for exposure to electromagnetic fields.

Signed on behalf of Polar Electro Oy in Kempele on Dec. 5th, 2014



Antti Häggman
Specialist, Antti Häggman
Tel: +358(0)8 5202 100
Fax: +358(0)8 5202 220
Email: antti.haggman@polar.com
Address: Polar Electro Oy
Professorintie 5, FIN-90440 Kempele, Finland