

RF exposure analysis for the equipment Polar V800 (FCC ID: INWZ0; IC: 6248A-Z0)

The output power of the device is extremely low (0.95mW conducted, 0.6 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).

$$\left[\frac{0.6mW}{5mm} \right] * [\sqrt{2.402GHz}] = 0.02 \leq 3.0$$

The output power of the device (0.6 mW e.i.r.p., 0.95mW conducted) is also below the 4mWatt output power threshold for 5mm separation distance 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 September 11th, 2015.



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