

To whom it may concern,

On behalf of our customer Tacx b.v., we hereby declare the following device:

FCC ID : 2AAMI-T2850
Brand : Tacx
Model : T28500
Description : Wireless Communication Device

The EUT has 2 transmitters (BLE and ANT+) which never send simultaneously. The highest output power is from the BLE part. The RF exposure assessment is based on the BLE mode. The EUT is considered as 'Mobile' use.

The EUT has a maximum rated output power in BLE mode of 12 mW in the frequency range of 2402 – 2480 MHz which means that the worst case prediction of power density (100% reflection) at 20 cm distance (worst case) can be calculated as follows :

$$S = \frac{EIRP}{4 \cdot \pi \cdot R^2} \text{ (power density without reflection)}$$

$$S = \frac{2^2 \cdot EIRP}{4 \cdot \pi \cdot R^2} \text{ (power density with 100% reflection)}$$

$$S = \frac{2^2 \cdot EIRP}{4 \cdot \pi \cdot R^2} = \frac{EIRP \text{ (mW)}}{\pi \cdot (20\text{cm})^2} = \frac{12}{\pi \cdot (20)^2} = 0.0096 \text{ mW/cm}^2$$

(limit = 10 W/m² is 1.0 mW/cm²)

This means that the equipment is in compliance with FCC KDB Publication 447498, 47 C.F.R. §1.1310 and §2.1091 and excluded from SAR evaluation according Table 1 in RSS-102.

Best regards,
TÜV Rheinland Nederland B.V.



R. van der Meer, Test Engineer