

# TÜV Rheinland Nederland B.V.

ACB  
 Certification Department  
 6731 Whittier Avenue, Suite C110  
 McLean, Virginia 22101  
 USA

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To whom it may concern,

On behalf of our customer Tacx B.V., we hereby declare the following device:

FCC ID : 2AAMI-T2800  
 Brand : Tacx  
 Model : T2800 Neo  
 Description : Wireless Communication Device

The EUT has 2 transmitters which never send simultaneously. The highest output power is from the ANT part. The EUT is considered as 'Mobile' use.

Has a maximum conducted peak power of -1.16 dBm, equals 0.77 mW. With an antenna gain of +3.3 dBi this comes to down to 1.64 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 :

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

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

$$S = \frac{2^2 \cdot EIRP}{4 \cdot \pi \cdot R^2} = \frac{EIRP (mW)}{\pi \cdot (20cm)^2} = \frac{1.64}{\pi \cdot (20)^2} = 0.0013 \text{ mW/cm}^2$$

(limit = 10 W/m<sup>2</sup> is 1.0 mW/cm<sup>2</sup>)

This means that the equipment is in compliance with EC OET Bulletin 65 (Edition 97-01), Supplement C (Edition 01-01).

Best regards,  
 TÜV Rheinland Nederland B.V.



R .van der Meer  
 Test Engineer

Head office Apeldoorn:  
 Boogschutterstraat 11A  
 P.O. Box 541  
 7300 AM Apeldoorn  
 The Netherlands  
 Tel. +31 (0)88 888 7 888  
 Fax +31 (0)88 888 7 879

Locations in The Netherlands:  
 Vissenstraat 6  
 P.O. Box 541  
 7300 AM Apeldoorn

Eiberkamp 10  
 P.O. Box 37  
 9350 AA Leek  
 Fax: +31 594 504804

Josink Esweg 10  
 P.O. Box 337  
 7500 AH Enschede

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 info@nl.tuv.com  
 www.tuv.com/nl