

Pure Freude an Wasser



Location : Industriepark Edelburg
58675 Hemer
Function : Approvals, TDD
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Declaration on radiation safety standard conformance

To whom it may concern:

Company name Grohe AG
Address Industriepark Edelburg
City 58675 Hemer
Country Germany

declares that the following product

	Grantee Code	Product Number
FCC ID:		WFK-SPABT01

Product Description Spread Spectrum Transmitter (DSS), Bluetooth 2.1 + EDR
Type or Model(s) BT01A
Tradename or Brand(s) Grohe

has a maximum e.i.r.p. of 3.3 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 :

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

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

$$S = \frac{2^2 \cdot EIRP}{4 \cdot \pi \cdot R^2} = \frac{EIRP \text{ (mW)}}{\pi \cdot (20\text{cm})^2} = \frac{3.3}{\pi \cdot (20)^2} = 0.00263 \text{ mW/cm}^2 \quad (\text{limit } = 10 \text{ W/m}^2 \text{ is } 1.0 \text{ mW/cm}^2)$$

The equipment is in compliance with EC OET Bulletin 65 (Edition 97-01), Supplement C (Edition 01-01).

City and Country:	Date:	Name: (this must be a person)	Function:	Signature: (or official company stamp)
Hemer, Germany	July 09, 2014	i.A. Jörg Büchner	Approvals	
Hemer, Germany	July 09, 2014	i.A. Achim Mielke	Pre-Development, Change Process - Electronics	

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Legal form: Stock Corporation, seat Hemer,
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Rainer Mues, Gerry Mulvin, Michael Rauterkus

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Grohe AG
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reddot design award
design team of the year 2011/2012