

Produkte

Products

Seite 28 von 29 Prüfbericht - Nr.: 50209104 001 Page 28 of 29

Test Report No.

6. Safety Human exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT: Passed

FCC KDB Publication 447498 D01 v06 Test standard

> 47CFR 1.1310 47CFR 2.1091 RSS-102 issue 5 LP0002(2018) 5.20.2.2

FCC:

Class1 mode:

Therefore the maximum output power of the transmitter is 9.89mW < 38mW(Distance: 20 mm), hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile Portable RF Exposure.

Class2 mode:

Therefore the maximum output power of the transmitter is 1.13mW < 38mW(Distance: 20 mm), hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile Portable RF Exposure.

Canada:

Class 1 mode:

Maximum conducted peak power: 9.89 mW Antenna Gain: 3.5 dbi 22.1 mW Maximum EIRP available

Since maximum output power of the transmitter is 22.1mW <30mW (distance ≤20 mm), hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102, For limb-worn devices where the 10 gram value applies, the exemption limits for routine evaluation in Table 1 of RSS-102 are multiplied by a factor of 2.5.

Class 2 mode:

Maximum conducted peak power: 1.13 mW Antenna Gain: 3.5 dbi Maximum EIRP available 2.5 mW

Since maximum output power of the transmitter is 2.5mW <30mW (distance ≤20 mm), hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102, For limb-worn devices where the 10 gram value applies, the exemption limits for routine evaluation in Table 1 of RSS-102 are multiplied by a factor of 2.5.

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