

## **Produkte**

**Products** 

Seite 29 von 34 Prüfbericht - Nr.: 50144042 001 Page 29 of 34

Test Report No.

## 6. Safety Human exposure

## 6.1 Radio Frequency Exposure Compliance

## 6.1.1 Electromagnetic Fields

**RESULT: Passed** 

Test standard FCC KDB Publication 447498 D01 v06

RSS-102 issue 5, Table 1

Since maximum peak output power of the transmitter is 0.3304mW < 10mW, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498: Mobile Portable RF Exposure

Canada:

Maximum conducted peak power: 0.3304 mW

1.76157 Antenna Gain: 2.459 dbi ->

Maximum EIRP available 0.582023 mW

\_\_\_\_\_\_

0.582023 mW Maximum Power available:

(higher of EIRP or conducted)

Since maximum output power of the transmitter is 0.582023mW < 7mW, hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102

The enclosure outer surface has minimum 10mm distance to the RF antenna. So it's guaranteed that distance between the RF antenna and the human body is more than 10mm.