

Prüfbericht - Nr.: 50308766 001 Seite 27 von 28 Page 27 of 28 Test Report No. 6 Safety Human Exposure 6.1 Radio Frequency Exposure Compliance 6.1.1 Electromagnetic Fields **RESULT:** Pass **Test Specification** Test standard : CFR47 FCC Part 2: Section 2.1093 FCC KDB Publication 447498 D01 V06 **FCC requirements** For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following: (max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] $\cdot [\sqrt{f_{(GHz)}}] \le 3.0$ for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, 30 where • f(GHz) is the RF channel transmit frequency in GHz Power and distance are rounded to the nearest mW and mm before calculation The result is rounded to one decimal place for comparison • The values 3.0 and 7.5 are referred to as numeric thresholds in step b) below

The test exclusions are applicable only when the minimum *test separation distance* is \leq 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum *test separation distance* is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

Calculated result

The maximum peak output power of the transmitter is 1.28dBm and minimum *test separation distance is 5mm, SAR test exclusion thresholds*=0.422<3.0, So the SAR test is not required.