

5 TEST CONDITIONS AND RESULTS

5.1 Conducted emissions

For test instruments and accessories used, see section 6 Part A 4.

Legend for tables:

QP-L ... QuasiPeak reading including correction factor

AV-L ... Average reading including correction factor

D-Limit... Measured value to limit delta (margin)

5.1.1 Description of the test location

Test location: Shielded Room S2

5.1.2 Photo documentation of the test set-up

with notebook:



FCC ID: O2FM260SE



without notebook:



5.2 Spurious emissions

For test instruments and accessories used see section 6 Part **SER 2**, **SER 3**.

5.2.1 Description of the test locations

Test location: OATS1
Test distance: 3 metres

Test location: Anechoic chamber 1
Test distance: 3 metres

Test location: Anechoic chamber 1
Test distance: 1 metre

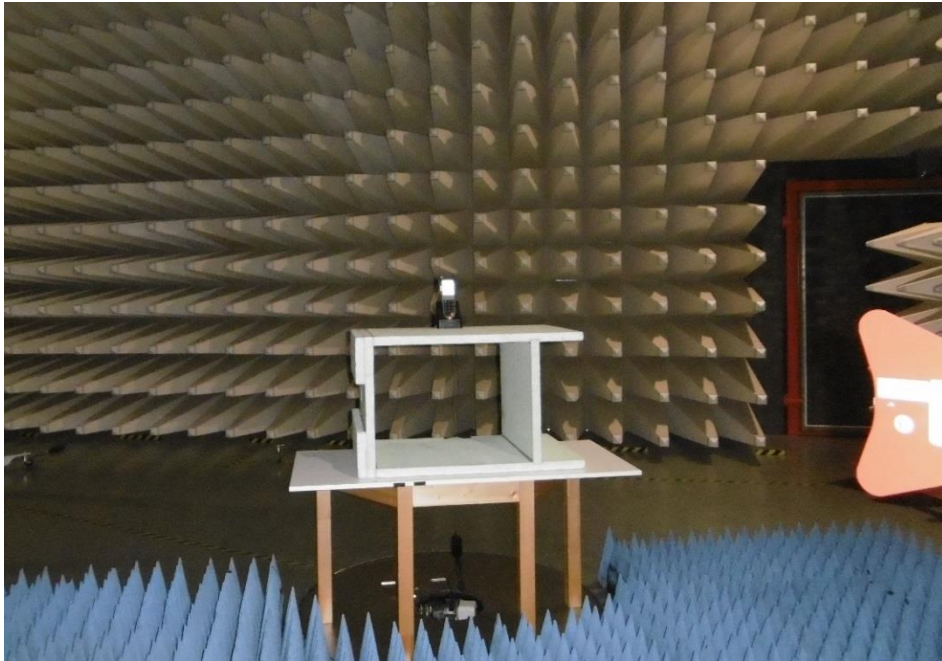
5.2.2 Photo documentation of the test set-up

30 MHz < f < 1 GHz:

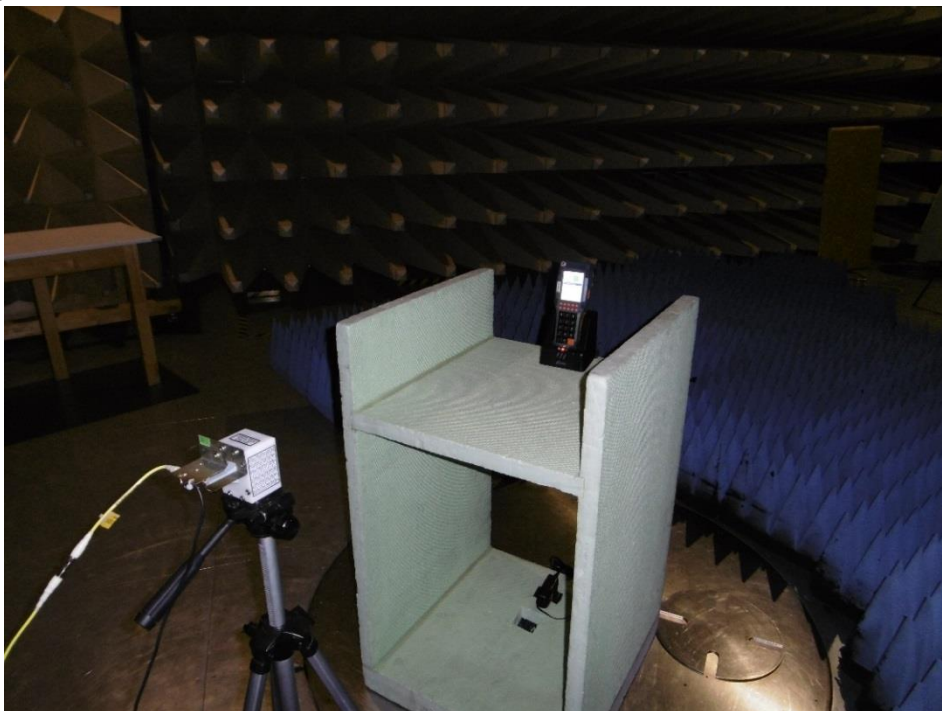


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1 GHz < f < 18 GHz



18 GHz < f < 40 GHz

**5.2.3 Applicable standard**

FCC Part 15, Section 15.209

Instrument settings:

30 MHz – 1000 MHz:

RBW:

120 kHz

1 GHz – 40 GHz

RBW:

1 MHz

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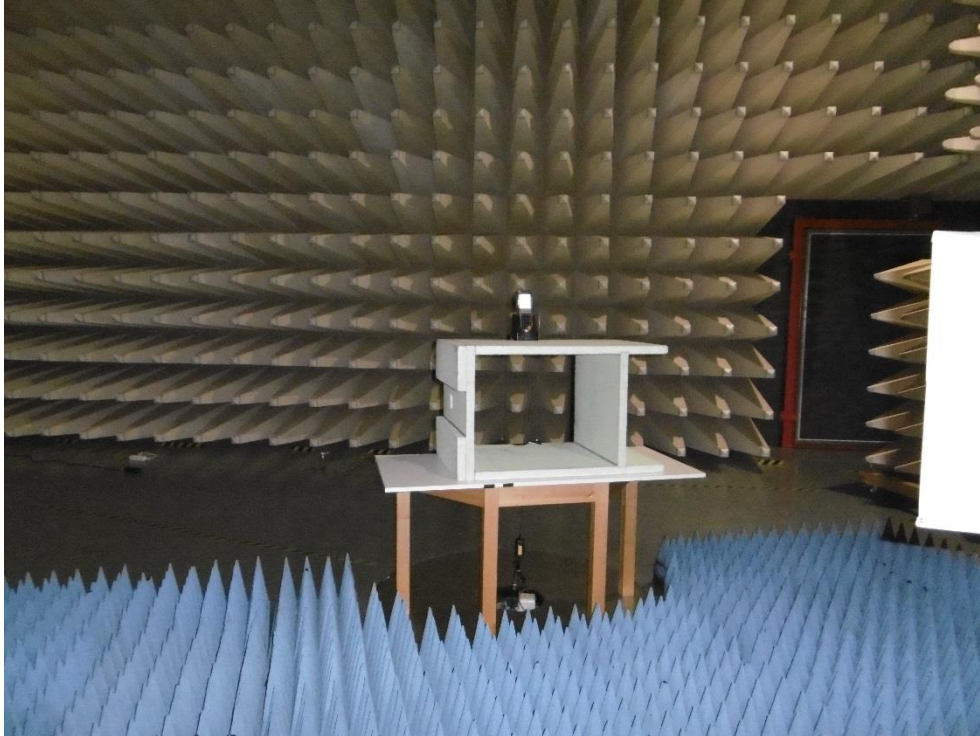
5.3 Average radiated output power (WLAN 2.4 GHz Band)

For test instruments and accessories used see section 6 Part CPR 3.

5.3.1 Description of the test location

Test location: Anechoic chamber 1
Test distance: 3 metres

5.3.2 Photo documentation of the test set-up



5.3.3 Description of Measurement

The maximum peak radiated output power is measured using a spectrum analyzer following the procedure set out in KDB 558074, item 9.2.2.6. The EUT is set in normal operating mode.

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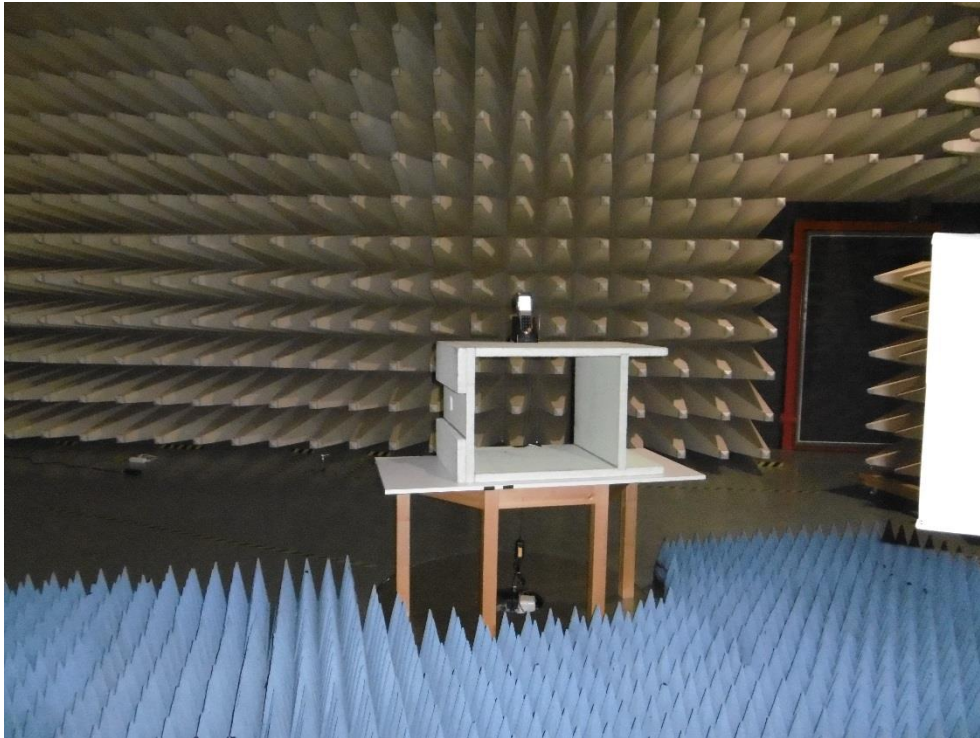
5.4 Average radiated output power (WLAN 5 GHz Band)

For test instruments and accessories used see section 6 Part CPR 3.

5.4.1 Description of the test location

Test location: Anechoic chamber 1
Test distance: 3 metres

5.4.2 Photo documentation of the test set-up



5.4.3 Description of Measurement

The maximum peak radiated output power is measured using a spectrum analyzer following the procedure set out in KDB 789033, Method SA-3. The EUT is set in normal operating mode.

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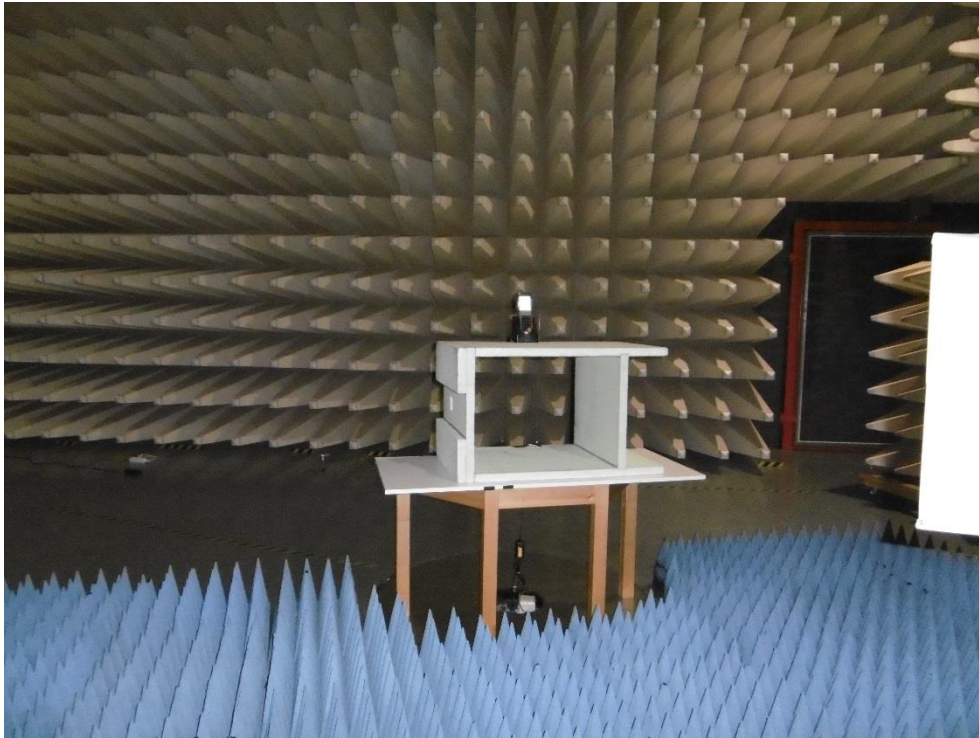
5.5 Maximum Peak radiated output power (Bluetooth)

For test instruments and accessories used see section 6 Part CPR 3.

5.5.1 Description of the test location

Test location: Anechoic chamber 1
Test distance: 3 metres

5.5.2 Photo documentation of the test set-up



5.5.3 Description of Measurement

The maximum peak radiated output power is measured using a spectrum analyzer following the procedure set out in KDB 558074, item 9.1.1. The EUT is set in normal operating mode.