

## FCC Part 15C Compliance Test Report

|                                                         |                                                                                                                                                                                                                                                                                                      |                                   |                                                                                                               |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Test Report no.:</b>                                 | FCC15C_RM-699_06.doc                                                                                                                                                                                                                                                                                 | <b>Date of Report:</b>            | 14-Oct-2010                                                                                                   |
| <b>Number of pages:</b>                                 | 13                                                                                                                                                                                                                                                                                                   | <b>Customer's Contact person:</b> | Shao Xu                                                                                                       |
| <b>Testing laboratory:</b>                              | TCC Nokia Beijing Laboratory<br>Beijing Economic and Technological Development Area<br>No.5 Donghuan Zhonglu<br>Beijing<br>PRC China 100176<br>Tel. +86 10 8711 8888<br>Fax. +86 10 8711 4550                                                                                                        | <b>Customer:</b>                  | Nokia Corporation<br>Frederikskaj<br>1790 COPENHAGEN V<br>DENMARK<br>Tel. +45 33 292929<br>Fax. +45 33 292934 |
| <b>FCC listing no.:</b>                                 | 975940                                                                                                                                                                                                                                                                                               |                                   |                                                                                                               |
| <b>IC recognition no.:</b>                              | 661AH-1                                                                                                                                                                                                                                                                                              |                                   |                                                                                                               |
| <b>Tested devices/ accessories:</b>                     | <b>Phone RM-699 / Battery BL-4D / AC-charger AC-8E / Headset WH-102</b>                                                                                                                                                                                                                              |                                   |                                                                                                               |
| <b>FCC ID:</b>                                          | QTKRM-699                                                                                                                                                                                                                                                                                            | <b>IC:</b>                        | 661AD-RM699                                                                                                   |
| <b>Supplement reports:</b>                              | -                                                                                                                                                                                                                                                                                                    |                                   |                                                                                                               |
| <b>Testing has been carried out in accordance with:</b> | CFR 47, FCC rules Part 15 Subpart C, ANSI C63.4 (2003), Public Notice DA 00-705, DTS procedures KDB 558074, IC standards, RSS-210 (Issue 7, June 2007). Deviations, modifications or clarifications (if any) to above mentioned documents are written in each section under "Test method and limit". |                                   |                                                                                                               |
| <b>Documentation:</b>                                   | The test report must always be reproduced in full; reproduction of an excerpt only is subject to written approval of the testing laboratory. The documentation of the testing performed on the tested devices is archived for 15 years at TCC Nokia.                                                 |                                   |                                                                                                               |
| <b>Test Results:</b>                                    | <b>The EUT complies with the requirements in respect of all parameters subject to the test.</b><br>The test results relate only to devices specified in this document.                                                                                                                               |                                   |                                                                                                               |
| <b>Date and signature for the contents:</b>             |                                                                                                                                                                                                                                                                                                      |                                   |                                                                                                               |

**Teuvo Miettinen, Test Engineer, EMC**

## 1. Summary for FCC Part 15C Compliance Test Report

|                               |                                                             |
|-------------------------------|-------------------------------------------------------------|
| Date of receipt               | 01-Apr-2010                                                 |
| Testing completed             | 22-Apr-2010                                                 |
| The customer's contact person | Shao Xu                                                     |
| Test Plan referred to         | T:\Projects\Projects\RM-632\TestPlan\RS_testplan_RM-632.xls |
| Notes                         | -                                                           |
| Document name                 | FCC15C_RM-632_08.doc                                        |

### 1.1. EUT and Accessory Information

The EUT is a 7-band (GSM850/900/1800/1900) and WCDMA Band (I/II(1900)/VIII) mobile phone with GPRS, EGPRS, HSDPA, HSUPA and WLAN and Bluetooth. Bluetooth and WLAN are tested with maximum rated TX power.

| Product    | Type   | SN                          | HW    | MV | SW         | DUT   |
|------------|--------|-----------------------------|-------|----|------------|-------|
| Phone      | RM-632 | 004401109337705             | 0200B | -  | 041.007 RD | 51629 |
| Battery    | BL-4D  | 4181579161001101133;0670603 | -     | -  | -          | 51399 |
| AC-charger | AC-8E  | 4868679464320602195;0675387 | -     | -  | -          | 51633 |
| Headset    | WH-102 | 0694323923554107290         | -     | -  | -          | 51587 |

### 1.2. Summary of Test Results

#### Bluetooth:

| Section in CFR 47 | Section in RSS-GEN or RSS-210 | Name of the test                     | Result |
|-------------------|-------------------------------|--------------------------------------|--------|
| 15.247(b)(1)      | A8(0.4(2))                    | Conducted peak output power          | NP     |
| 15.247(d)         | A8(0.5)                       | Band edge compliance of RF emissions | NP     |
| 15.247(d)         | A8(0.5)                       | Spurious RF conducted emissions      | NP     |
| 15.247(d), 15.209 | A8(0.5)                       | Spurious radiated emissions          | NP     |
| 15.207            | 7.2.2                         | AC powerline conducted emissions     | NP     |
| 15.247(a)(1)      | A8(0.1(1))                    | 20dB(bandwidth)                      | NP     |
| 15.247(a)(1)      | A8(0.1(2))                    | Carrier frequency separation         | NP     |
| 15.247(a)(1)(iii) | A8(0.1(4))                    | Number of hopping frequencies        | NP     |
| 15.247(a)(1)(iii) | A8(0.1(4))                    | Time of occupancy                    | NP     |

#### WLAN:

| Section in CFR 47 | Section in RSS-GEN or RSS-210 | Name of the test                     | Result |
|-------------------|-------------------------------|--------------------------------------|--------|
| 15.247(b)(1)      | A8(0.4(4))                    | Conducted peak output power          | NP     |
| 15.247(d)         | A8(0.5)                       | Band edge compliance of RF emissions | PASSED |
| 15.247(d)         | A8(0.5)                       | Spurious RF conducted emissions      | NP     |
| 15.247(d), 15.209 | A8(0.5)                       | Spurious radiated emissions          | PASSED |
| 15.207            | 7.2.2                         | AC powerline conducted emissions     | NP     |
| 15.247(a)(2)      | A8(0.1(1))                    | 6dB(bandwidth)                       | NP     |
| 15.247(a)(1)(iii) | A8(0.1(4))                    | Power spectral density               | NP     |

PASSED  
FAILED  
NP

The EUT complies with the essential requirements in the standard.  
The EUT does not comply with the essential requirements in the standard.  
The test was not performed by the TCC Nokia Laboratory.

*The test results of RM-632 are re-used for certification of the RM-699. The table above indicates the results, which will be re-used.*

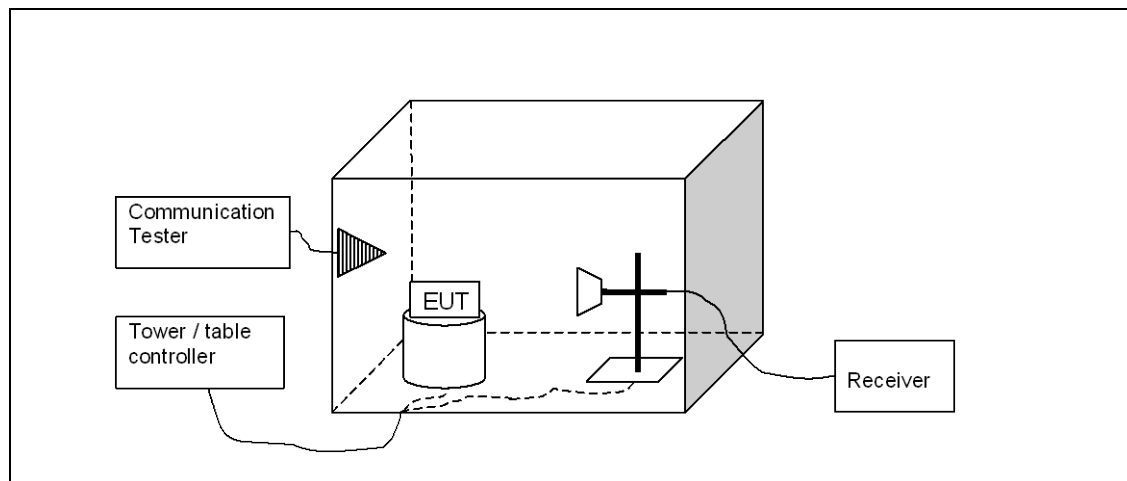
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## 2. Band edge compliance of RF emissions (FCC §15.247(d), RSS-210 A8.5)

|                                                 |                                                         |
|-------------------------------------------------|---------------------------------------------------------|
| EUT with DUT number                             | RM-632, DUT 51629                                       |
| Accessories with DUT numbers                    | BL-4D, DUT 51399 ; AC-8E, DUT 51633 ; WH-102, DUT 51587 |
| Operation Voltage [V] / [Hz]                    | Nominal                                                 |
| Results                                         | PASSED                                                  |
| Remarks                                         | -                                                       |
| Temp [°C] / Humidity [%RH] / Air Pressure [kPa] | 20 / 34 / 101.7                                         |
| Date of measurements                            | 22-Apr-2010                                             |
| Measured by                                     | Jia Dongsheng                                           |

### 2.1. Test Setup



### 2.2. Test method and limit

The measurement is made according to Public notice DA 00-705 and IC standard RSS-210.

The measurement results are obtained as described below:

$$E [\mu V/m] = U_{RX} + A_{TOT}$$

Where  $U_{RX}$  is receiver reading and  $A_{TOT}$  is total correction factor including cable loss, antenna factor and preamplifier gain ( $A_{TOT} = L_{CABLES} + A_F - G_{PREAMP}$ ).

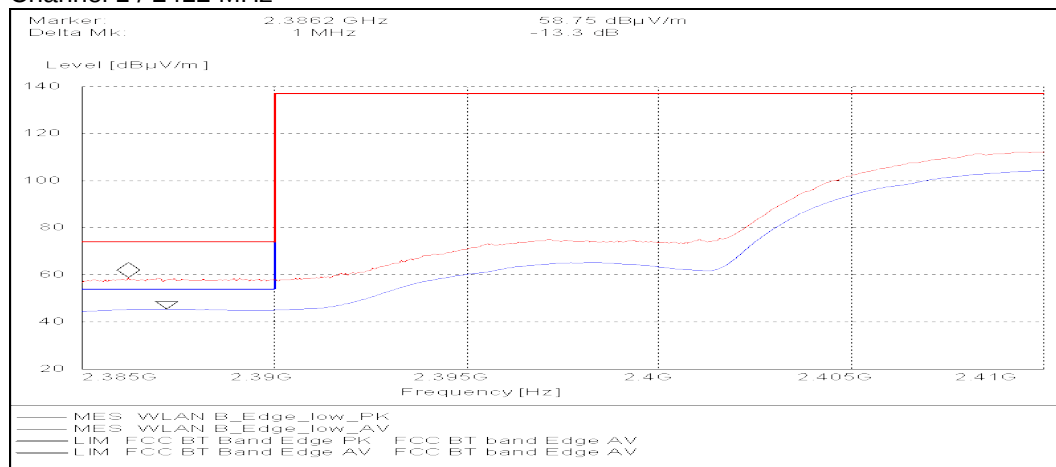
Limits for band edge compliance of RF emissions measurements (3 m measurement distance)

| Frequency range [MHz]       | Limit Average [dBμV/m] | Limit Peak [dBμV/m] |
|-----------------------------|------------------------|---------------------|
| Below 2390 and above 2483.5 | <=54                   | <=74                |

## 2.3. WLAN Test results

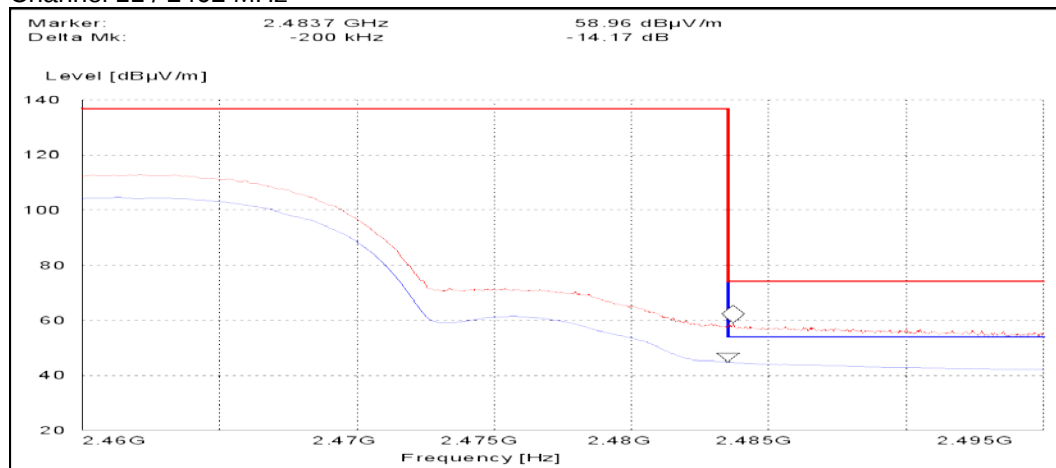
### 2.3.1 DSSS mode, QPSK modulation, 11 Mbps data rate

#### Channel 1 / 2412 MHz



| Detector (RBW: 1 MHz, VBW: 1 MHz) | E [dBμV/m] | Result |
|-----------------------------------|------------|--------|
| Peak                              | 58.70      | PASSED |
| Average                           | 45.40      | PASSED |

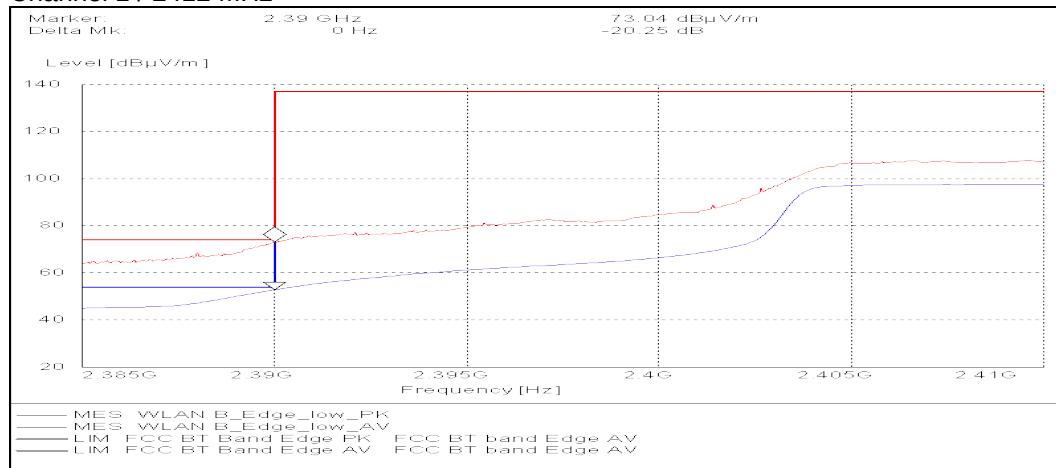
#### Channel 11 / 2462 MHz



| Detector (RBW: 1 MHz, VBW: 1 MHz) | E [dBμV/m] | Result |
|-----------------------------------|------------|--------|
| Peak                              | 59.00      | PASSED |
| Average                           | 44.80      | PASSED |

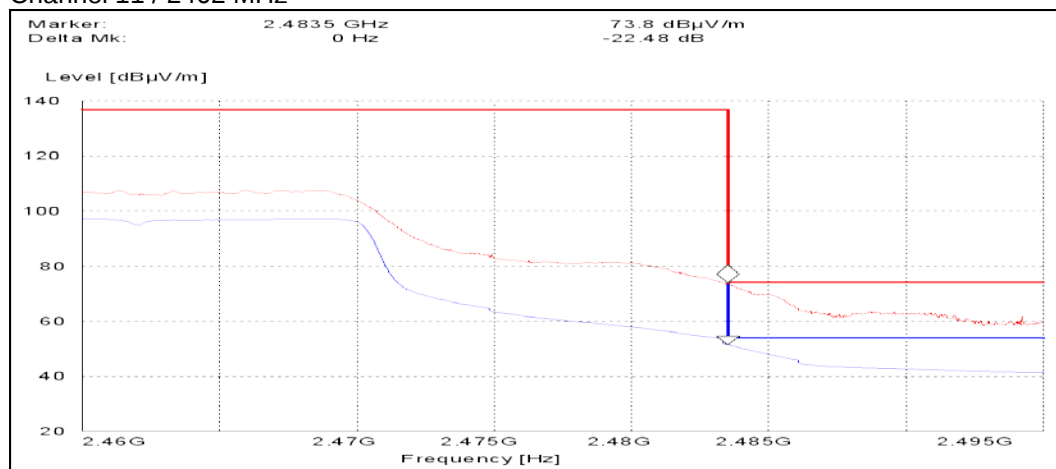
### 2.3.2 OFDM mode, BPSK modulation, 6 Mbps data rate

#### Channel 1 / 2412 MHz



| Detector (RBW: 1 MHz, VBW: 1 MHz) | E [dBμV/m] | Result |
|-----------------------------------|------------|--------|
| Peak                              | 73.00      | PASSED |
| Average                           | 52.80      | PASSED |

#### Channel 11 / 2462 MHz

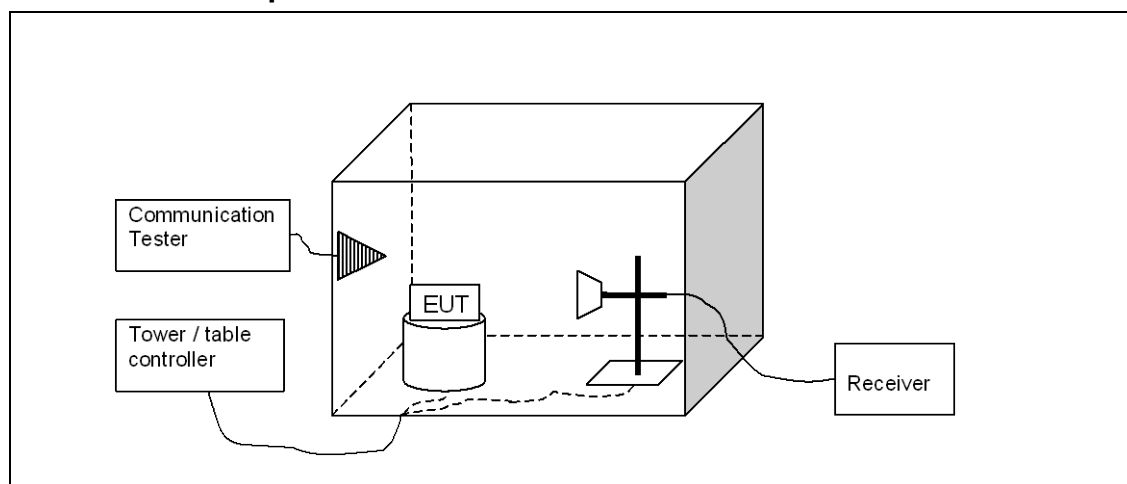


| Detector (RBW: 1 MHz, VBW: 1 MHz) | E [dBμV/m] | Result |
|-----------------------------------|------------|--------|
| Peak                              | 73.80      | PASSED |
| Average                           | 51.30      | PASSED |

### 3. Spurious radiated emissions (FCC §22.917(a), §24.238(a), §2.1053, RSS-132 4.5, RSS-133 6.5)

|                                                 |                                                         |
|-------------------------------------------------|---------------------------------------------------------|
| EUT with DUT number                             | RM-632, DUT 51629                                       |
| Accessories with DUT numbers                    | BL-4D, DUT 51399 ; AC-8E, DUT 51633 ; WH-102, DUT 51587 |
| Operation Voltage [V] / [Hz]                    | Nominal                                                 |
| Results                                         | PASSED                                                  |
| Remarks                                         | -                                                       |
| Temp [°C] / Humidity [%RH] / Air Pressure [kPa] | 20 / 34 / 101.6                                         |
| Date of measurements                            | 14-Apr-2010                                             |
| Measured by                                     | Yin Hongpeng                                            |

#### 3.1. Test Setup



#### 3.2. Test method and limit

The measurement is made according to Public notice DA 00-705 and IC standard RSS-210 as follows:

The measurement is divided into the Preliminary Measurement and the Final Measurement.

The suspected frequencies are searched for in Preliminary Measurement with absorbers on the floor and measuring antenna at fixed height using 2-axis EUT position system.

The Final Measurement is performed in the Semi-Anechoic Chamber with conducting metal floor, if the Preliminary Measurement results are closer than 20 dB to the permissible value.

The EUT is placed at nonconductive plate at the turntable center.

For each suspected frequency, the turntable is rotated 360 degrees and antenna is scanned from 1 to 4 m. This is repeated for both horizontal and vertical receive antenna polarizations.

The emissions less than 20 dB below the permissible value are reported.

The measurement results are obtained as described below:

$$E [\mu V/m] = U_{RX} + A_{TOT}$$

Where  $U_{RX}$  is receiver reading and  $A_{TOT}$  is total correction factor including cable loss, antenna factor and preamplifier gain ( $A_{TOT} = L_{CABLES} + A_F - G_{PREAMP}$ ).

Limits for spurious radiated emissions measurements (3 m measurement distance)

| Frequency range [MHz] | Limit [ $\mu V/m$ ] | Limit [dB $\mu V/m$ ] | Detector   |
|-----------------------|---------------------|-----------------------|------------|
| 30 - 88               | 100                 | 40                    | Quasi peak |
| 88 – 216              | 150                 | 43.5                  | Quasi peak |
| 216 – 960             | 200                 | 46                    | Quasi peak |
| 960 – 1000            | 500                 | 54                    | Quasi peak |
| Above 1000            | 500                 | 54                    | Average    |
| Above 1000            | 5000                | 74                    | Peak       |

### 3.3. WLAN Test results

#### 3.3.1 DSSS mode, QPSK modulation, 11 Mbps data rate

Channel 1 / 2412 MHz

Average(RBW: 1 MHz)

| Frequency [MHz] | E [dBμV/m] | E [μV/m] | U <sub>RX</sub> [dBμV] | A <sub>TOT</sub> [dB] | Polarisation | Result |
|-----------------|------------|----------|------------------------|-----------------------|--------------|--------|
| 4824            | 33.68      | 48.311   | 33.96                  | -0.28                 | HORIZONTAL   | PASSED |
| 7236.8          | 32.46      | 41.976   | 28.09                  | 4.37                  | VERTICAL     | PASSED |

Peak (RBW: 1 MHz)

| Frequency [MHz] | E [dBμV/m] | E [μV/m] | U <sub>RX</sub> [dBμV] | A <sub>TOT</sub> [dB] | Polarisation | Result |
|-----------------|------------|----------|------------------------|-----------------------|--------------|--------|
| 4824            | 47.52      | 237.766  | 47.8                   | -0.28                 | HORIZONTAL   | PASSED |
| 7236.8          | 45.4       | 186.273  | 41.03                  | 4.37                  | VERTICAL     | PASSED |

Channel 7 / 2442 MHz

Average(RBW: 1 MHz)

| Frequency [MHz] | E [dBμV/m] | E [μV/m] | U <sub>RX</sub> [dBμV] | A <sub>TOT</sub> [dB] | Polarisation | Result |
|-----------------|------------|----------|------------------------|-----------------------|--------------|--------|
| 2800.301        | 39.95      | 99.437   | 29.99                  | 9.96                  | HORIZONTAL   | PASSED |
| 2884.269        | 39.48      | 94.156   | 29.19                  | 10.29                 | HORIZONTAL   | PASSED |
| 3900            | 28.93      | 27.954   | 29.5                   | -0.57                 | HORIZONTAL   | PASSED |
| 3910.32         | 28.65      | 27.071   | 29.37                  | -0.72                 | VERTICAL     | PASSED |
| 17929.86        | 46.38      | 208.401  | 27.06                  | 19.32                 | VERTICAL     | PASSED |

Quasi peak (RBW: 100 kHz)

| Frequency [MHz] | E [dBμV/m] | E [μV/m] | U <sub>RX</sub> [dBμV] | A <sub>TOT</sub> [dB] | Polarisation | Result |
|-----------------|------------|----------|------------------------|-----------------------|--------------|--------|
| 77.617          | 31.28      | 36.656   | 51.89                  | -20.61                | VERTICAL     | PASSED |
| 77.637          | 31.56      | 37.827   | 52.17                  | -20.61                | VERTICAL     | PASSED |
| 77.645          | 31.2       | 36.32    | 51.81                  | -20.61                | VERTICAL     | PASSED |
| 77.906          | 31.7       | 38.446   | 52.3                   | -20.6                 | VERTICAL     | PASSED |
| 903.165         | 22.32      | 13.068   | 27.16                  | -4.84                 | HORIZONTAL   | PASSED |

Peak (RBW: 1 MHz)

| Frequency [MHz] | E [dBμV/m] | E [μV/m] | U <sub>RX</sub> [dBμV] | A <sub>TOT</sub> [dB] | Polarisation | Result |
|-----------------|------------|----------|------------------------|-----------------------|--------------|--------|
| 2800.301        | 52.46      | 419.759  | 42.5                   | 9.96                  | HORIZONTAL   | PASSED |
| 2884.269        | 52.79      | 435.763  | 42.5                   | 10.29                 | HORIZONTAL   | PASSED |
| 3900            | 42.06      | 126.707  | 42.63                  | -0.57                 | HORIZONTAL   | PASSED |
| 3910.32         | 41.52      | 119.11   | 42.24                  | -0.72                 | VERTICAL     | PASSED |
| 17929.86        | 58.54      | 845.182  | 39.22                  | 19.32                 | VERTICAL     | PASSED |

Channel 11 / 2462 MHz

Average(RBW: 1 MHz)

| Frequency [MHz] | E [dBμV/m] | E [μV/m] | U <sub>RX</sub> [dBμV] | A <sub>TOT</sub> [dB] | Polarisation | Result |
|-----------------|------------|----------|------------------------|-----------------------|--------------|--------|
| 4924.1          | 33.05      | 44.921   | 32.48                  | 0.57                  | VERTICAL     | PASSED |
| 7387.7          | 32.97      | 44.514   | 28.53                  | 4.44                  | HORIZONTAL   | PASSED |

Peak (RBW: 1 MHz)

| Frequency [MHz] | E [dBμV/m] | E [μV/m] | U <sub>RX</sub> [dBμV] | A <sub>TOT</sub> [dB] | Polarisation | Result |
|-----------------|------------|----------|------------------------|-----------------------|--------------|--------|
| 4924.1          | 46.66      | 215.229  | 46.09                  | 0.57                  | VERTICAL     | PASSED |
| 7387.7          | 46.55      | 212.447  | 42.11                  | 4.44                  | HORIZONTAL   | PASSED |

### 3.3.2 OFDM mode, BPSK modulation, 6 Mbps data rate

Channel 1 / 2412 MHz

Average(RBW: 1 MHz)

| Frequency [MHz] | E [dBμV/m] | E [μV/m] | U <sub>RX</sub> [dBμV] | A <sub>TOT</sub> [dB] | Polarisation | Result |
|-----------------|------------|----------|------------------------|-----------------------|--------------|--------|
| 4824.4          | 30.65      | 34.084   | 30.94                  | -0.29                 | HORIZONTAL   | PASSED |
| 7235.5          | 32.48      | 42.063   | 28.1                   | 4.38                  | VERTICAL     | PASSED |

Peak (RBW: 1 MHz)

| Frequency [MHz] | E [dBμV/m] | E [μV/m] | U <sub>RX</sub> [dBμV] | A <sub>TOT</sub> [dB] | Polarisation | Result |
|-----------------|------------|----------|------------------------|-----------------------|--------------|--------|
| 4824.4          | 43.6       | 151.339  | 43.89                  | -0.29                 | HORIZONTAL   | PASSED |
| 7235.5          | 45.41      | 186.445  | 41.03                  | 4.38                  | VERTICAL     | PASSED |

Channel 7 / 2442 MHz

Average(RBW: 1 MHz)

| Frequency [MHz] | E [dBμV/m] | E [μV/m] | U <sub>RX</sub> [dBμV] | A <sub>TOT</sub> [dB] | Polarisation | Result |
|-----------------|------------|----------|------------------------|-----------------------|--------------|--------|
| 2496.834        | 39.02      | 89.31    | 32.04                  | 6.98                  | VERTICAL     | PASSED |
| 2814.43         | 40.16      | 101.906  | 29.57                  | 10.59                 | VERTICAL     | PASSED |
| 3902.807        | 28.83      | 27.65    | 29.44                  | -0.61                 | VERTICAL     | PASSED |
| 3927.256        | 28.29      | 25.972   | 29.23                  | -0.94                 | VERTICAL     | PASSED |
| 17998.098       | 46.31      | 206.705  | 26.62                  | 19.69                 | HORIZONTAL   | PASSED |

Quasi peak (RBW: 100 kHz)

| Frequency [MHz] | E [dBμV/m] | E [μV/m] | U <sub>RX</sub> [dBμV] | A <sub>TOT</sub> [dB] | Polarisation | Result |
|-----------------|------------|----------|------------------------|-----------------------|--------------|--------|
| 37.094          | 29.55      | 30.037   | 38.08                  | -8.53                 | VERTICAL     | PASSED |
| 75.05           | 28.48      | 26.549   | 49.19                  | -20.71                | VERTICAL     | PASSED |
| 835.033         | 21.07      | 11.31    | 26.98                  | -5.91                 | VERTICAL     | PASSED |
| 899.822         | 22.29      | 13.012   | 27.11                  | -4.82                 | VERTICAL     | PASSED |
| 906.712         | 22.31      | 13.045   | 27.11                  | -4.8                  | VERTICAL     | PASSED |

Peak (RBW: 1 MHz)

| Frequency [MHz] | E [dBμV/m] | E [μV/m] | U <sub>RX</sub> [dBμV] | A <sub>TOT</sub> [dB] | Polarisation | Result |
|-----------------|------------|----------|------------------------|-----------------------|--------------|--------|
| 2496.834        | 56.18      | 644.466  | 49.2                   | 6.98                  | VERTICAL     | PASSED |
| 2814.43         | 53.09      | 451.284  | 42.5                   | 10.59                 | VERTICAL     | PASSED |
| 3902.807        | 41.62      | 120.559  | 42.23                  | -0.61                 | VERTICAL     | PASSED |
| 3927.256        | 41.3       | 116.091  | 42.24                  | -0.94                 | VERTICAL     | PASSED |
| 17998.098       | 59.68      | 963.274  | 39.99                  | 19.69                 | HORIZONTAL   | PASSED |

Channel 11 / 2462 MHz

Average(RBW: 1 MHz)

| Frequency [MHz] | E [dBμV/m] | E [μV/m] | U <sub>RX</sub> [dBμV] | A <sub>TOT</sub> [dB] | Polarisation | Result |
|-----------------|------------|----------|------------------------|-----------------------|--------------|--------|
| 4925.2          | 30.65      | 34.076   | 30.11                  | 0.54                  | HORIZONTAL   | PASSED |
| 7386.1          | 32.73      | 43.301   | 28.29                  | 4.44                  | HORIZONTAL   | PASSED |

Peak (RBW: 1 MHz)

| Frequency [MHz] | E [dBμV/m] | E [μV/m] | U <sub>RX</sub> [dBμV] | A <sub>TOT</sub> [dB] | Polarisation | Result |
|-----------------|------------|----------|------------------------|-----------------------|--------------|--------|
| 4925.2          | 43.3       | 146.134  | 42.76                  | 0.54                  | HORIZONTAL   | PASSED |
| 7386.1          | 45.74      | 193.664  | 41.3                   | 4.44                  | HORIZONTAL   | PASSED |

## 4. Test Equipment

### 4.1. Conducted measurements

| Eq. No     | Equipment                | Type       | Manufacturer | Used in            |
|------------|--------------------------|------------|--------------|--------------------|
| BJPCHW0020 | DC Power supply          | Hp6632B    | HP           | 22/24/27, 15C      |
| BJPCPT0040 | Receiver                 | ESCS30     | R&S          | 15C,15B            |
| BJPCPT0069 | LISN 50 $\mu$ H          | ESH3-Z5    | R&S          | 15C,15B            |
| BJPCPT0073 | Signal Generator         | SMR 20     | R&S          | 22/24/27, 15C, 15B |
| BJPCPT0079 | LISN 50 $\mu$ H          | ESH3-Z5    | R&S          | 15C,15B            |
| BJPCPT0131 | Communication Tester     | CMU200     | R&S          | 15C,15B            |
| BJPCPT0191 | Pulse Limiter            | ESH3-Z2    | R&S          | 15C,15B            |
| BJPCTC0017 | Communication Tester     | CMU200     | R&S          | 22/24/27, 15C, 15B |
| BJPCTC0067 | Bluetooth Tester         | CBT        | R&S          | 22/24/27, 15C      |
| BJPCTC0089 | Temperature Test chamber | VT4002     | Votsch       | 22/24/27, 15C      |
| BJPCTC0090 | FSP spectrum analyzer    | FSP30      | R&S          | 22/24/27, 15C      |
| BJPCTC0094 | GPIO-RS232 convertor     | GPIO-RS232 | NI           | 22/24/27, 15C      |

### 4.2. Radiated measurements

| Eq. No     | Equipment               | Type                 | Manufacturer | Used in            |
|------------|-------------------------|----------------------|--------------|--------------------|
| -          | BT / WLAN Antenna       | SPA 2400/75/9/0/V    | Huber-Suhner | 15C, 15B           |
| -          | RF Emission Software    | ES-K1 v.1.71         | R&S          | 22/24/27, 15C, 15B |
| BJPCPT0072 | Receiver                | ESI B26              | R&S          | 22/24/27, 15C, 15B |
| BJPCPT0130 | Relay Switch Unit       | TS-RSP               | R&S          | 22/24/27, 15C, 15B |
| BJPCPT0150 | High Pass Filter        | WHKS1200-10SS        | Wainwright   | 22/24/27, 15C, 15B |
| BJPCPT0151 | Band Reject Filter      | WRCD1880/2000-       | Wainwright   | 24, 15B            |
| BJPCPT0154 | Band Reject Filter      | WRCT2402/2480-       | Wainwright   | 15C, 15B           |
| BJPCPT0162 | Antenna                 | HF906                | R&S          | 22/24/27, 15C, 15B |
| BJPCTC0007 | Antenna                 | HL562                | R&S          | 22/24/27, 15C, 15B |
| BJPCTC0029 | Antenna                 | HF906                | R&S          | 22/24/27, 15C, 15B |
| BJPCTC0034 | Band Reject Filter      | WRCT 800/880-0.2/40- | Wainwright   | 22, 15B            |
| BJPCTC0049 | Preamplifier            | Blma 0118-1A-Bt      | Bonn         | 22/24/27, 15C, 15B |
| BJPCTC0055 | Communication Tester    | CMU200               | R&S          | 22/24/27,15C,15B   |
| BJPCTC0058 | Bluetooth Tester        | CBT                  | R&S          | 15C, 15B           |
| BJPCTC0064 | Band Reject Filter      | WRCG1877/1883-       | Wainwright   | 24, 15B            |
| BJPCTC0065 | Band Reject Filter      | WRCG832/838-         | Wainwright   | 27, 15B            |
| BJPCTC0071 | Multi-Device Controller | 2090                 | EMCO         | 22/24/27, 15C, 15B |
| BJPCTC0072 | Anechoic Chamber        | 3 m Semi / Full      | ETS          | 22/24/27, 15C, 15B |
| BJPCTC0073 | MAST                    | Model-TR/POL         | ETS          | 22/24/27, 15C, 15B |
| BJPCTC0074 | MAST                    | Model 2070-2         | ETS          | 22/24/27, 15C, 15B |
| BJPCTC0075 | Turntable               | Model 2188           | ETS-EMCO     | 22/24/27, 15C, 15B |
| BJPCTC0096 | Preamplifier            | AFS4-00100300-20-    | Miteq        | 22/24/27, 15C, 15B |