# FCC Part 15B Compliance Test Report

| | | | |
|---|---|---|---|
| **Test Report no.:** | FCC15B_RM-750_14.docx | **Date of Report:** | 15-Jul-2011 |
| **Number of pages:** | 12 | **Customer's Contact person:** | Rasmussen Jan |
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| **FCC listing no.:**<br>**IC recognition no.:** | 99059<br>661AL-1 | | |
| **Tested devices/ accessories:** | **Phone RM-750 / Battery BL-4U / AC Charger AC-8E / Headset WH-102** | | |
| **FCC ID:** | QTKRM-750 | **IC:** | 661AD-RM750 |
| **Supplement reports:** | - | | |
| **Testing has been carried out in accordance with:** | **CFR 47, FCC rules Part 15 Subpart B, ANSI C63.4 (2003), ICES-003, CISPR 22, RSS-132 (Issue 2, September 2005), RSS-133 (Issue 5, February 2009), RSS-139 (Issue 2, February 2009), RSS-210 (Issue 8, December 2010). Deviations, modifications or clarifications (if any) to above mentioned documents are written in each section under "Test method and limit".** | | |
| **Documentation:** | 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. | | |
| **Test Results:** | **The EUT complies with the requirements in respect of all parameters subject to the test.**<br>The test results relate only to devices specified in this document | | |
| **Date and signature for the contents:** | R Hansen | Digitally signed by Ruben Hansen<br>DN: cn=Ruben Hansen, o=TCC NOKIA, ou=EMC, email=ruben.hansen@nokia.com, c=DK<br>Date: 2011.07.15 12:20:30 +02'00' | |

**Ruben Hansen**

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

| | |
|---|---|
| **Date of receipt** | 15-Jun-2011 |
| **Testing completed** | 11-Jul-2011 |
| **The customer's contact person** | Rasmussen Jan |
| **Test Plan referred to** | T:\Projects\RM-750\TestPlan\RS_testplan_RM-750.xls |
| **Notes** | - |
| **Document name** | T:\Projects\RM-750\EMC\FCC15B_RM-750_14.docx |

## 1.1. EUT and Accessory Information

The EUT is a 9-band (GSM850/900/1800/1900) and WCDMA Band (I/II(1900)/IV(1700)/V(850)/VIII/) mobile phone with GPRS, EGPRS, HSDPA, HSUPA and WLAN and Bluetooth.

| Product | Type | SN | HW | MV | SW | DUT |
|---|---|---|---|---|---|---|
| Phone | RM-750 | 004402/13/520171/7 | 0200 | - | 000.094 | 23578 |
| Battery | BL-4U | 418157107400000146 7;0670560 | - | - | - | 23565 |
| AC Charger | AC-8E | 110338312100301180;0675387 | - | - | - | 23568 |
| Headset | WH-102 | 06943231106m1R61563 | - | - | - | 23579 |

## 1.2. Summary of Test Results

**GSM850:**

| Section in CFR 47 | Section in ICES-003 (RSS-132) | Name of the test | Result |
|---|---|---|---|
| 15.107, a | 5.3 | AC powerline conducted emissions | NP |
| 15.109, a | 5.5 (4.6) | Radiated emissions | PASSED |

**GSM1900:**

| Section in CFR 47 | Section in ICES-003 (RSS-133) | Name of the test | Result |
|---|---|---|---|
| 15.107, a | 5.3 | AC powerline conducted emissions | NP |
| 15.109, a | 5.5 (6.6) | Radiated emissions | PASSED |

**WCDMA 1700 (Band IV):**

| Section in CFR 47 | Section in ICES-003 (RSS-139) | Name of the test | Result |
|---|---|---|---|
| 15.107, a | 5.3 | AC powerline conducted emissions | NP |
| 15.109, a | 5.5 (6.6) | Radiated emissions | PASSED |

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



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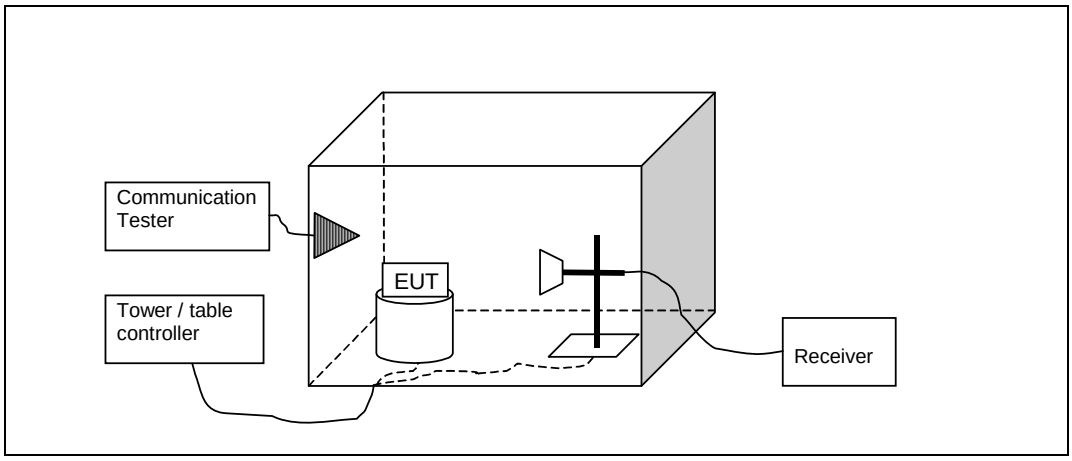
# 2. Radiated emissions

**(FCC §15.109, ICES-003 section 5.5, RSS-132 4.6, RSS-133 6.6, RSS-139 6.6)**

| | |
|---|---|
| **EUT with DUT number** | RM-750, DUT 23578 |
| **Accessories with DUT numbers** | BL-4U, DUT 23565 ; AC-8E, DUT 23568 ; WH-102, DUT 23579 |
| **Operation Voltage [V] / [Hz]** | 115 / 60 |
| **Results** | PASSED |
| **Remarks** | None |
| **Temp [°C] / Humidity [%RH] / Air Pressure [kPa]** | 24 / 48 / 101.9 |
| **Date of measurements** | 11-Jul-2011 |
| **Measured by** | Ruben Hansen |

### 2.1.1 Test Setup




## 2.2. Test method and limit

The measurement is made according to ANSI C63.4-2003as follows:

The measurement is performed in the Semi-Anechoic Chamber with conducting metal floor.

The measurement distance is 3 m.

The EUT is placed on a nonconductive plate at 80 cm height.

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.



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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 ($A_{TOT} = L_{CABLES} + A_F - G_{PREAMP}$ ).

CISPR 22 and FCC Part 15 Class B limits (3 m measurement distance)

| Frequency range [MHz] | Quasi peak limit [dBµV/m] | Average limit [dBµV/m] | Peak limit [dBµV/m] |
|---|---|---|---|
| 30 - 230 | 40 | - | - |
| 230 – 1000 | 47 | - | - |
| Above 1000 | - | 54 | 74 |



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## 2.3. GSM850 Test results

RX mode, channel 128 / 869.2 MHz

Peak (RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 3477.1 | 36.93 | 70.243 | 39.86 | -2.93 | HORIZONTAL | PASSED |
| 6952.2 | 55.87 | 621.37 | 46.78 | 9.09 | HORIZONTAL | PASSED |

Average(RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 3477.1 | 24.29 | 16.387 | 27.22 | -2.93 | HORIZONTAL | PASSED |
| 6952.2 | 42.89 | 139.412 | 33.8 | 9.09 | HORIZONTAL | PASSED |

RX mode, channel 190 / 881.6 MHz

Quasi peak (RBW: 120 kHz, VBW: 300 kHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 33.647 | 16.57 | 6.734 | 31.82 | -15.25 | VERTICAL | PASSED |
| 37.396 | 13.95 | 4.985 | 31.47 | -17.52 | VERTICAL | PASSED |

Peak (RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 3000 | 49.8 | 309.065 | 41.98 | 7.82 | HORIZONTAL | PASSED |

Average(RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 3000 | 36.5 | 66.857 | 28.68 | 7.82 | HORIZONTAL | PASSED |

RX mode, channel 190 / 881.6 MHz

Peak (RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 7825.154 | 49.7 | 305.316 | 37.45 | 12.25 | VERTICAL | PASSED |
| 7835.071 | 50.04 | 317.724 | 37.84 | 12.2 | HORIZONTAL | PASSED |
| 7839.479 | 49.88 | 311.961 | 37.71 | 12.17 | HORIZONTAL | PASSED |
| 7846.195 | 50.24 | 325.2 | 38.1 | 12.14 | HORIZONTAL | PASSED |

Average(RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 7825.154 | 36.32 | 65.464 | 24.07 | 12.25 | VERTICAL | PASSED |
| 7835.071 | 36.56 | 67.298 | 24.36 | 12.2 | HORIZONTAL | PASSED |



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| | | | | | | |
|---|---|---|---|---|---|---|
| 7839.479 | 36.57 | 67.36 | 24.4 | 12.17 | HORIZONTAL | PASSED |
| 7846.195 | 36.5 | 66.804 | 24.36 | 12.14 | HORIZONTAL | PASSED |

RX mode, channel 251 / 893.8 MHz

Peak (RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 3574.8 | 37.71 | 76.78 | 39.87 | -2.16 | VERTICAL | PASSED |
| 7151.1 | 48.33 | 260.825 | 37.71 | 10.62 | VERTICAL | PASSED |

Average(RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 3574.8 | 23.9 | 15.662 | 26.06 | -2.16 | VERTICAL | PASSED |
| 7151.1 | 35.09 | 56.839 | 24.47 | 10.62 | VERTICAL | PASSED |



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## 2.4. GSM1900 Test results

RX mode, channel 512 / 1930.2 MHz

Peak (RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 3860.3 | 38.83 | 87.347 | 39.74 | -0.91 | HORIZONTAL | PASSED |
| 7719 | 48.48 | 265.399 | 37.04 | 11.44 | HORIZONTAL | PASSED |

Average(RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 3860.3 | 25.78 | 19.46 | 26.69 | -0.91 | HORIZONTAL | PASSED |
| 7719 | 35.41 | 58.918 | 23.97 | 11.44 | HORIZONTAL | PASSED |

RX mode, channel 661 / 1960.0 MHz

Quasi peak (RBW: 120 kHz, VBW: 300 kHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 33.096 | 22.39 | 13.164 | 37.33 | -14.94 | VERTICAL | PASSED |
| 37.275 | 19.33 | 9.252 | 36.78 | -17.45 | VERTICAL | PASSED |

Peak (RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 1960.119 | 58.63 | 853.591 | 59.99 | -1.36 | HORIZONTAL | PASSED |

Average(RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 1960.119 | 57.17 | 722.188 | 58.53 | -1.36 | HORIZONTAL | PASSED |

RX mode, channel 661 / 1960.0 MHz

Peak (RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 7832.967 | 50.05 | 318.127 | 37.84 | 12.21 | HORIZONTAL | PASSED |
| 7844.491 | 49.45 | 296.961 | 37.3 | 12.15 | VERTICAL | PASSED |
| 7845.087 | 50.25 | 325.462 | 38.11 | 12.14 | HORIZONTAL | PASSED |
| 7858.316 | 49.67 | 304.369 | 37.44 | 12.23 | HORIZONTAL | PASSED |

Average(RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 7832.967 | 36.5 | 66.865 | 24.29 | 12.21 | HORIZONTAL | PASSED |
| 7844.491 | 36.4 | 66.092 | 24.25 | 12.15 | VERTICAL | PASSED |
| 7845.087 | 36.49 | 66.757 | 24.35 | 12.14 | HORIZONTAL | PASSED |
| 7858.316 | 36.39 | 65.955 | 24.16 | 12.23 | HORIZONTAL | PASSED |



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RX mode, channel 810 / 1989.8 MHz

Peak (RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 3981.2 | 38.32 | 82.395 | 39.37 | -1.05 | HORIZONTAL | PASSED |
| 7958.6 | 50.39 | 330.75 | 37.44 | 12.95 | HORIZONTAL | PASSED |

Average(RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 3981.2 | 25.44 | 18.7 | 26.49 | -1.05 | HORIZONTAL | PASSED |
| 7958.6 | 37.03 | 71.064 | 24.08 | 12.95 | HORIZONTAL | PASSED |

## 2.5. WCDMA 1700 (Band IV) Test results

RX mode, channel 1537 / 2112.4 MHz

Peak (RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 4226.4 | 37.79 | 77.509 | 38.24 | -0.45 | HORIZONTAL | PASSED |
| 6337.9 | 49.72 | 306.02 | 43.95 | 5.77 | HORIZONTAL | PASSED |

Average(RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 4226.4 | 25.15 | 18.088 | 25.6 | -0.45 | HORIZONTAL | PASSED |
| 6337.9 | 36.41 | 66.138 | 30.64 | 5.77 | HORIZONTAL | PASSED |

RX mode, channel 1637 / 2132.4 MHz

Quasi peak (RBW: 120 kHz, VBW: 300 kHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 33.497 | 15.71 | 6.104 | 30.88 | -15.17 | VERTICAL | PASSED |
| 37.425 | 15.06 | 5.66 | 32.6 | -17.54 | VERTICAL | PASSED |

Peak (RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 2133.467 | 51.19 | 362.535 | 51.33 | -0.14 | HORIZONTAL | PASSED |

Average(RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 2133.467 | 36.33 | 65.569 | 36.47 | -0.14 | HORIZONTAL | PASSED |

RX mode, channel 1637 / 2132.4 MHz



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Peak (RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 7837.672 | 50.55 | 336.705 | 38.37 | 12.18 | VERTICAL | PASSED |
| 7838.48 | 50.16 | 321.959 | 37.98 | 12.18 | VERTICAL | PASSED |
| 7845.694 | 49.18 | 287.674 | 37.04 | 12.14 | HORIZONTAL | PASSED |
| 7862.023 | 49.18 | 287.872 | 36.9 | 12.28 | VERTICAL | PASSED |

Average(RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 7837.672 | 36.42 | 66.245 | 24.24 | 12.18 | VERTICAL | PASSED |
| 7838.48 | 36.41 | 66.153 | 24.23 | 12.18 | VERTICAL | PASSED |
| 7845.694 | 36.45 | 66.443 | 24.31 | 12.14 | HORIZONTAL | PASSED |
| 7862.023 | 36.3 | 65.343 | 24.02 | 12.28 | VERTICAL | PASSED |

RX mode, channel 1738 / 2152.6 MHz

Peak (RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 4306.2 | 39.3 | 92.289 | 39 | 0.3 | HORIZONTAL | PASSED |
| 6456.2 | 51.49 | 375.405 | 45.01 | 6.48 | VERTICAL | PASSED |

Average(RBW: 1 MHz, VBW: 1 MHz)

| Frequency [MHz] | E [dBµV/m] | E [µV/m] | $U_{RX}$ [dBµV] | $A_{TOT}$ [dB] | Polarisation | Result |
|---|---|---|---|---|---|---|
| 4306.2 | 25.75 | 19.387 | 25.45 | 0.3 | HORIZONTAL | PASSED |
| 6456.2 | 38.61 | 85.212 | 32.13 | 6.48 | VERTICAL | PASSED |



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# 3. Test Equipment

## 3.1. Conducted measurements

| Eq. No | Equipment | Type | Manufacturer | Used in |
|---|---|---|---|---|
| 13037 | Power Supply 0-15V 10A | EA3012 | LP Instruments | 15C, 15B |
| 13357 | Signal Generator | SMP02 | Rohde&Schwarz | 22/24/27, 15C, 15B |
| 13513 | Pulse Limiter | ESH3Z2 | Rohde&Schwarz | 15C, 15B |
| 13666 | Receiver | ESPC | Rohde&Schwarz | 15C, 15B |
| 13935 | LISN | ESH3-Z5 | Rohde&Schwarz | 15C, 15B |
| 20682 | LISN | ESH3-Z5 | Rohde&Schwarz | 15C, 15B |
| 16601 | Communication Tester | CMU200 | Rohde&Schwarz | 22/24/27, 15C, 15B |
| 16995 | Directional Coupler 20dB 0,5-2,0 GHz SMA Conn. | 1538RA-20 | Weinschel | 15C, 15B |
| 18772 | Shielded Chamber | RFD-100 | ETS-Lindgren | 15C, 15B |
| 18772 | Shielded Chamber | RFD-100 | ETS-Lindgren | 15C, 15B |
| 19116 | Power splitter | - | various | 22/24/27, 15C, 15B |
| 19171 | Communication Tester | CMU200 | Rohde&Schwarz | 15C, 15B |
| 19625 | Climatic Chamber | VT4002EMC | Vötsch | 22/24/27, 15C, 15B |
| 19678 | Spectrum Analyzer | FSP | Rohde&Schwarz | 22/24/27, 15C, 15B |
| 20168 | Bluetooth Tester | CBT | Rohde&Schwarz | 22/24/27, 15C, 15B |
| 20543 | UPS. 700V/A 490W | PW 9120 700i | Powerware | 22/24/27, 15C, 15B |
| 20544 | Transformer. 230/115V | - | Nokia | 22/24/27, 15C, 15B |
| 20739 | Communication Tester | CMU200 | Rohde&Schwarz | 15C, 15B |

## 3.2. Radiated measurements

| Eq. No | Equipment | Type | Manufacturer | Used in |
|---|---|---|---|---|
| 13077 | Power Supply | EA-3016 | - | 22/24/27, 15C, 15B |
| 13799 | Signal Generator | SMP02 | Rohde&Schwarz | 22/24/27, 15C, 15B |
| 13936 | Band reject filter | WRCD1747.5-0.2/40-10SS | Wainwright Instruments | 22/24/27, 15C, 15B |
| 13937 | Band reject filter | WRCA902.4-0.2/40-6SS | Wainwright Instruments | 22/24/27, 15C, 15B |
| 14021 | Relay Dual 6 Chnl µWave Mux | 10-785-522 | - | 22/24/27, 15C, 15B |
| 14114 | Highpass Filter | WHK1000-12SS | Wainwright Instruments | 22/24/27, 15C, 15B |
| 14187 | Band reject filter | WRCD1747.5-0.2/40-10SS | Wainwright | 22/24/27, 15C, 15B |
| 14188 | Band reject filter | WRCA902.4-0.2/40-6SS | Wainwright | 22/24/27, 15C, 15B |
| 14900 | Antenna Controller | HD100 | HD GmbH | 22/24/27, 15C, 15B |
| 15191 | Turntable Contoller Unit | G-800SDX | YAESU | 22/24/27, 15C, 15B |
| 15742 | Programmable Relay Switching System | ---------- | Pickering | 22/24/27, 15C, 15B |
| 16633 | Band reject filter | WRCD1880.0-0.2/40-10SS | Wainwright | 22/24/27, 15C, 15B |
| 16948 | Dual 6 Channel MUX Microwave Relay SMA 50 Ohm | 10-785-522 | Pickering | 22/24/27, 15C, 15B |
| 16949 | Dual 6 Channel MUX Microwave Relay SMA 50 Ohm | 10-785-522 | Pickering | 22/24/27, 15C, 15B |
| 17644 | Dual 6 Channel MUX Microwave Relay SMA 50 Ohm | 10-785-522 | Pickering | 22/24/27, 15C, 15B |
| 18416 | Communication Tester | CMU200 | Rohde&Schwarz | 22/24/27, 15C, 15B |
| 18773 | Anechoic chamber | RFD-100 | ETS-Lindgren | 22/24/27, 15C, 15B |
| 18774 | Anechoic chamber | RFSD-F/A-100 | ETS-Lindgren | 22/24/27, 15C, 15B |



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| Eq. No | Equipment | Type | Manufacturer | Used in |
|---|---|---|---|---|
| 18792 | Mast/turntable controller | 2090 | ETS-EMCO | 22/24/27, 15C, 15B |
| 18860 | Antenna | HL562 | Rohde&Schwarz | 22/24/27, 15C, 15B |
| 19151 | High Pass Filter | WHJS3000-10SS | Wainwright | 22/24/27, 15C, 15B |
| 19587 | Band reject filter | WRCG2400/2483-2390/2493-35/10SS | Wainwright | 22/24/27, 15C, 15B |
| 19966 | Antenna | HFH2-Z2 | Rohde&Schwarz | 15C, 15B |
| 20078 | Relay 2x6 Chnl µWave Mux | 10-785B-522 | Pickering | 22/24/27, 15C, 15B |
| 20114 | Band reject filter | WRCG1737/1743-1733/1747-40/6SS | Wainwright | 22/24/27, 15C, 15B |
| 20115 | Band reject filter | - | Wainwright | 22/24/27, 15C, 15B |
| 20116 | Band reject filter | WRCG832/83/-825/845-40/5SS | Wainwright | 22/24/27, 15C, 15B |
| 20168 | Bluetooth Tester | CBT | Rohde&Schwarz | 22/24/27, 15C, 15B |
| 20543 | UPS. 700V/A 490W | PW 9120 700i | Powerware | 22/24/27, 15C, 15B |
| 20544 | Transformer. 230/115V | - | Nokia | 22/24/27, 15C, 15B |
| 20698 | Antenna | BBHA 9120 D | SCHWARZBECK | 22/24/27, 15C, 15B |
| - | Relay Dual 6 Chnl µWave Mux | 10-785-522 | - | 22/24/27, 15C, 15B |



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