

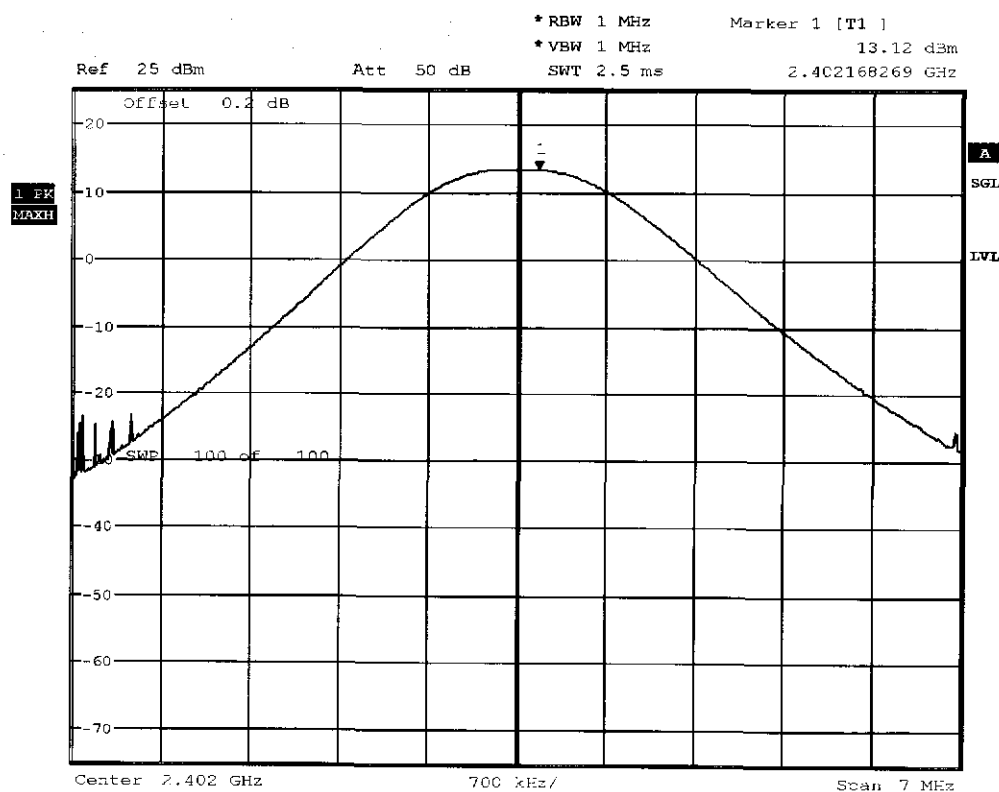


## **Appendix B**

### **Peak Output Power**

**FCC part 15.247****Peak output power conducted**

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(b)           |
| Test Case             | Peak output power                    |
| Comment 1             | Channel.: 0 / 2402 MHz               |
| Comment 2             | 13.12 dBm                            |



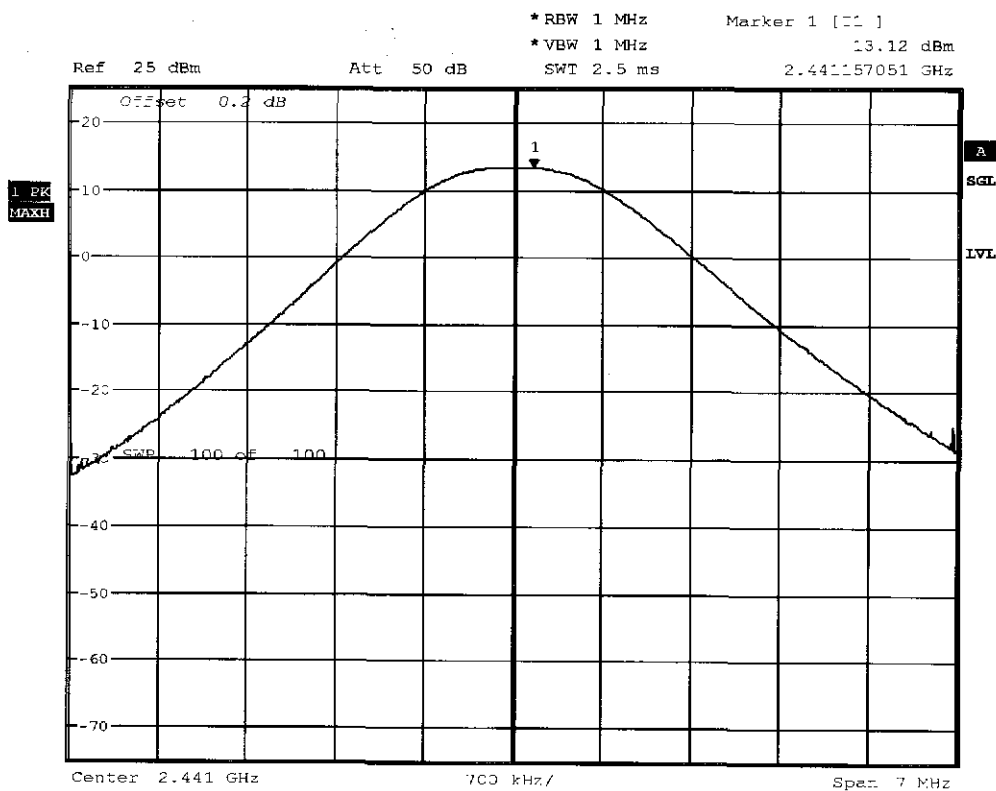
Date: 4.JAN.2006 12:48:45

Measurement diagram

## FCC part 15.247

## Peak output power conducted

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(b)           |
| Test Case             | Peak output power                    |
| Comment 1             | Channel.: 39 / 2441 MHz              |
| Comment 2             | 13.12 dBm                            |



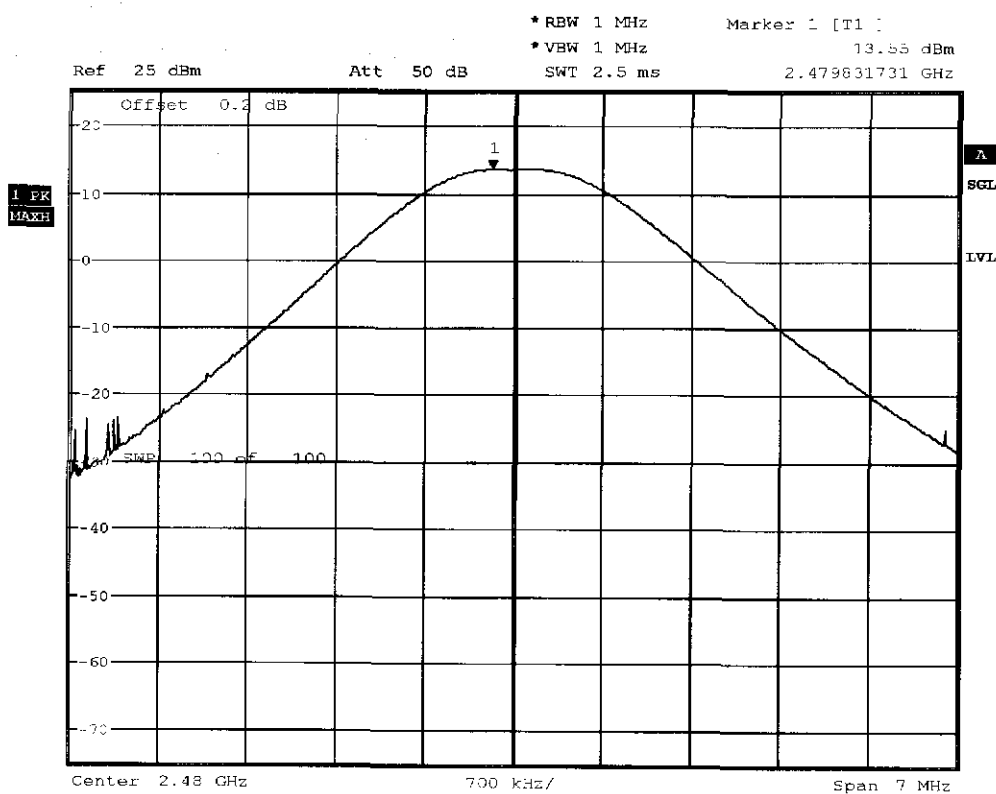
Date: 4.JAN.2006 13:07:26

Measurement diagram

## FCC part 15.247

## Peak output power conducted

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(b)           |
| Test Case             | Peak output power                    |
| Comment 1             | Channel.: 78 / 2480 MHz              |
| Comment 2             | 13.55 dBm                            |

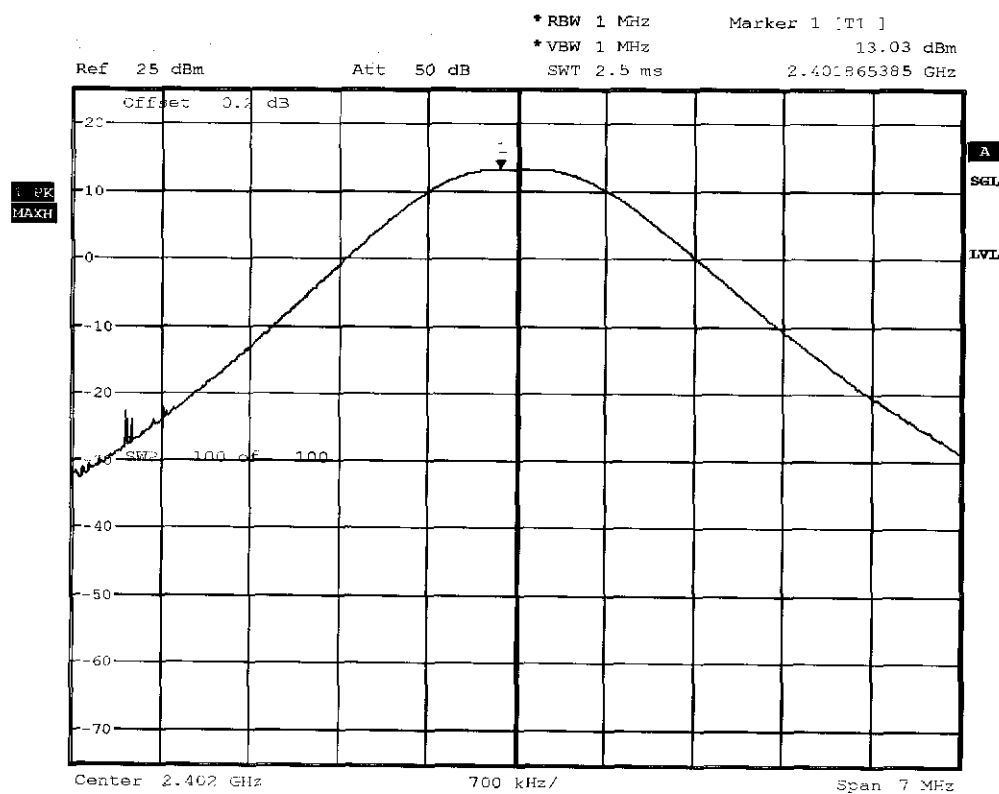


Date: 4.JAN.2006 13:10:10

Measurement diagram

**Peak output power conducted**

|                       |                                   |
|-----------------------|-----------------------------------|
| EUT                   | Nokia Wireless Audio Gateway      |
| Model                 | AD-42W                            |
| Approval Holder       | Nokia                             |
| Temperature / Voltage | 25°C / Unom - 15% (AC-DC adaptor) |
| Test Site / Operator  | ETS                               |
| Test Specification    | FCC part 15 section 247(b)        |
| Test Case             | Peak output power                 |
| Comment 1             | Channel.: 0 / 2402 MHz            |
| Comment 2             | 13.03 dBm                         |



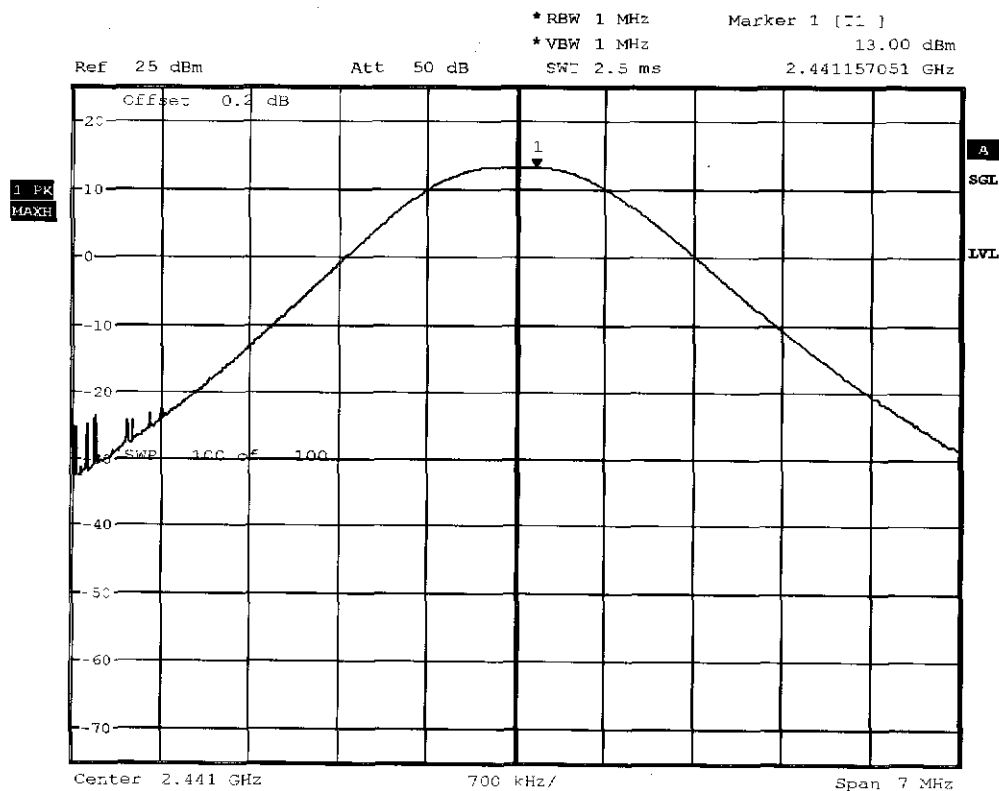
Date: 4.JAN.2006 13:12:31

### Measurement diagram

## FCC part 15.247

## Peak output power conducted

|                       |                                   |
|-----------------------|-----------------------------------|
| EUT                   | Nokia Wireless Audio Gateway      |
| Model                 | AD-42W                            |
| Approval Holder       | Nokia                             |
| Temperature / Voltage | 25°C / Unom - 15% (AC-DC adaptor) |
| Test Site / Operator  | ETS                               |
| Test Specification    | FCC part 15 section 247(b)        |
| Test Case             | Peak output power                 |
| Comment 1             | Channel.: 39 / 2441 MHz           |
| Comment 2             | 13.00 dBm                         |

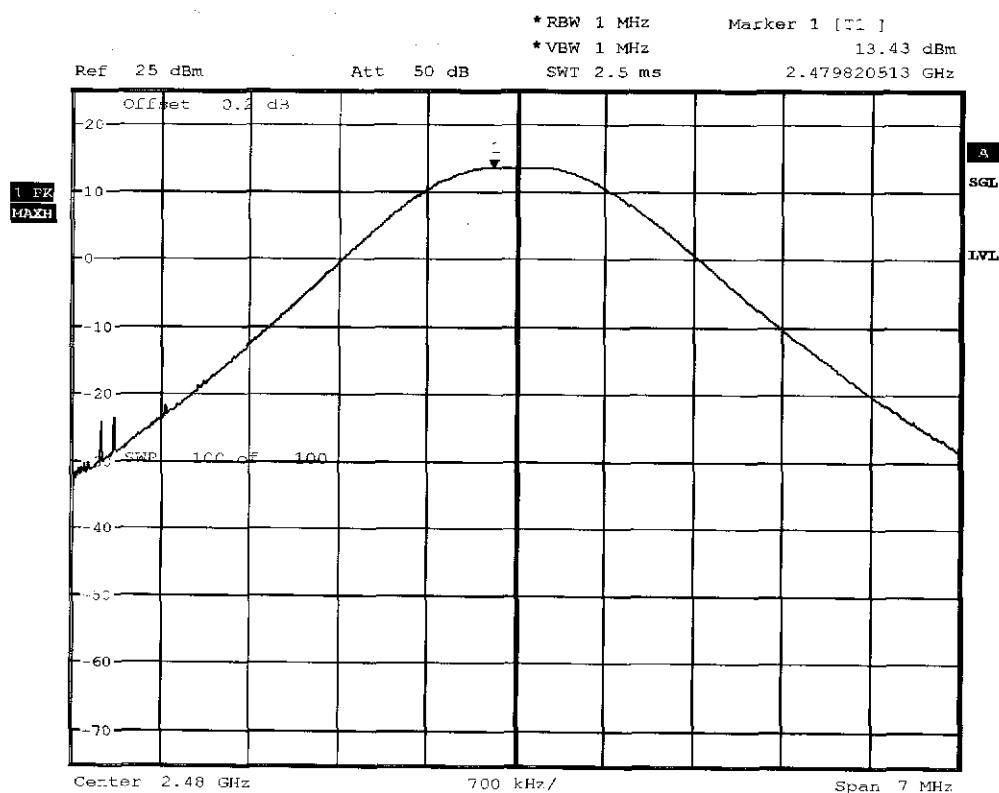


Date: 4.JAN.2006 13:18:11

Measurement diagram

**FCC part 15.247****Peak output power conducted**

|                       |                                   |
|-----------------------|-----------------------------------|
| EUT                   | Nokia Wireless Audio Gateway      |
| Model                 | AD-42W                            |
| Approval Holder       | Nokia                             |
| Temperature / Voltage | 25°C / Unom - 15% (AC-DC adaptor) |
| Test Site / Operator  | ETS                               |
| Test Specification    | FCC part 15 section 247(b)        |
| Test Case             | Peak output power                 |
| Comment 1             | Channel.: 78 / 2480 MHz           |
| Comment 2             | 13.43 dBm                         |



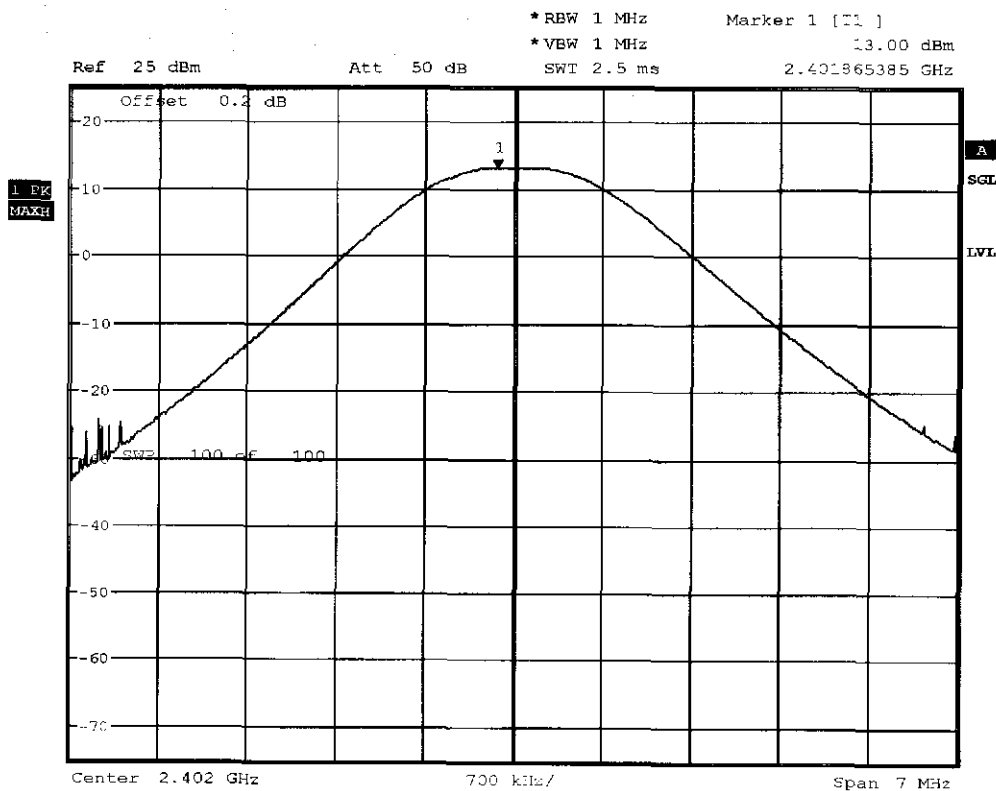
Date: 4.JAN.2006 13:22:50

Measurement diagram

## FCC part 15.247

## Peak output power conducted

|                       |                                   |
|-----------------------|-----------------------------------|
| EUT                   | Nokia Wireless Audio Gateway      |
| Model                 | AD-42W                            |
| Approval Holder       | Nokia                             |
| Temperature / Voltage | 25°C / Unom + 15% (AC-DC adaptor) |
| Test Site / Operator  | ETS                               |
| Test Specification    | FCC part 15 section 247(b)        |
| Test Case             | Peak output power                 |
| Comment 1             | Channel.: 0 / 2402 MHz            |
| Comment 2             | 13.00 dBm                         |



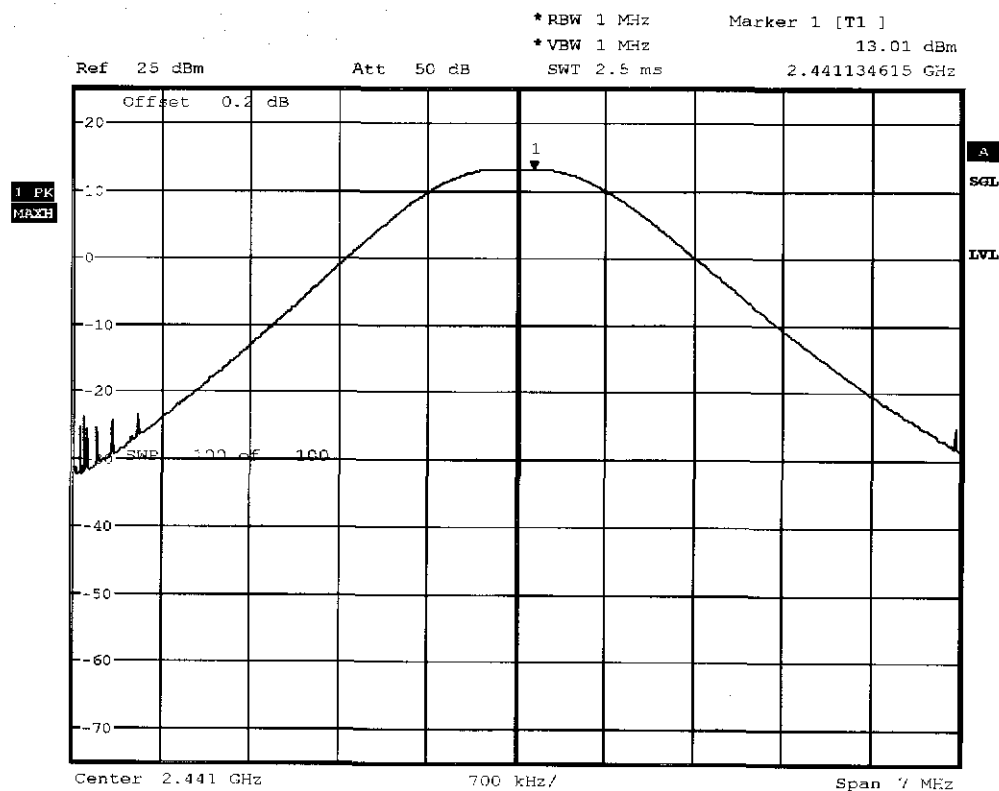
Date: 4.JAN.2006 13:16:20

Measurement diagram



**FCC part 15.247****Peak output power conducted**

|                       |                                   |
|-----------------------|-----------------------------------|
| EUT                   | Nokia Wireless Audio Gateway      |
| Model                 | AD-42W                            |
| Approval Holder       | Nokia                             |
| Temperature / Voltage | 25°C / Unom + 15% (AC-DC adaptor) |
| Test Site / Operator  | ETS                               |
| Test Specification    | FCC part 15 section 247(b)        |
| Test Case             | Peak output power                 |
| Comment 1             | Channel.: 39 / 2441 MHz           |
| Comment 2             | 13.01 dBm                         |

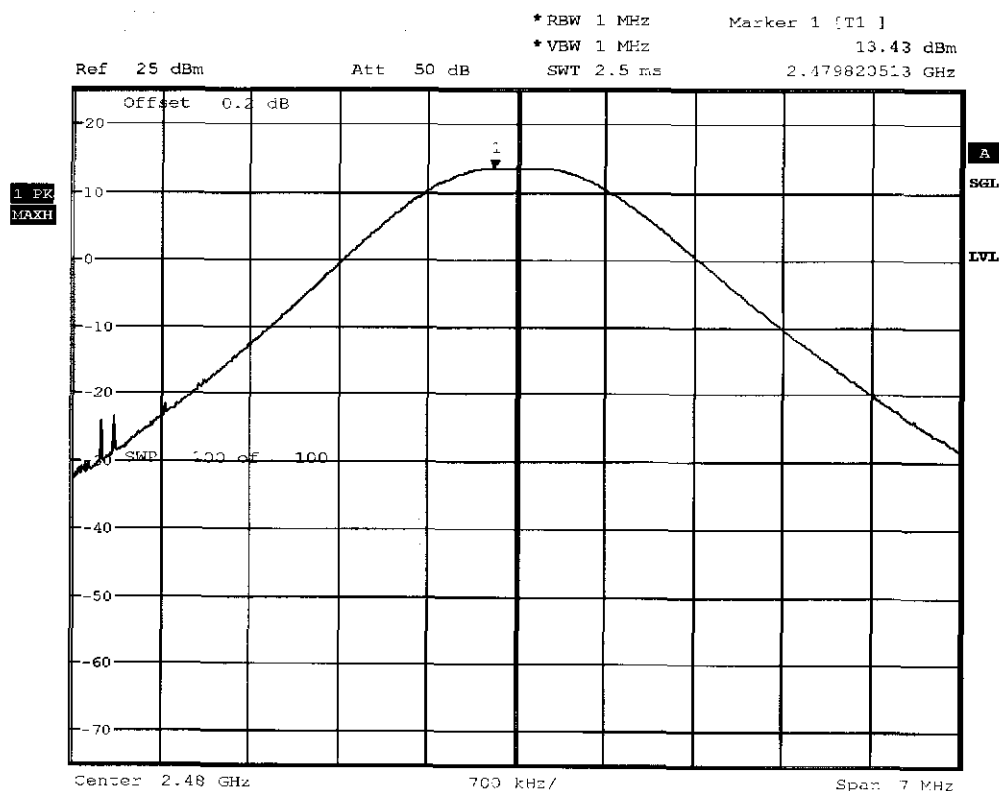


Date: 4.JAN.2006 13:21:02

Measurement diagram

**FCC part 15.247****Peak output power conducted**

|                       |                                   |
|-----------------------|-----------------------------------|
| EUT                   | Nokia Wireless Audio Gateway      |
| Model                 | AD-42W                            |
| Approval Holder       | Nokia                             |
| Temperature / Voltage | 25°C / Unom + 15% (AC-DC adaptor) |
| Test Site / Operator  | ETS                               |
| Test Specification    | FCC part 15 section 247(b)        |
| Test Case             | Peak output power                 |
| Comment 1             | Channel.: 78 / 2480 MHz           |
| Comment 2             | 13.43 dBm                         |



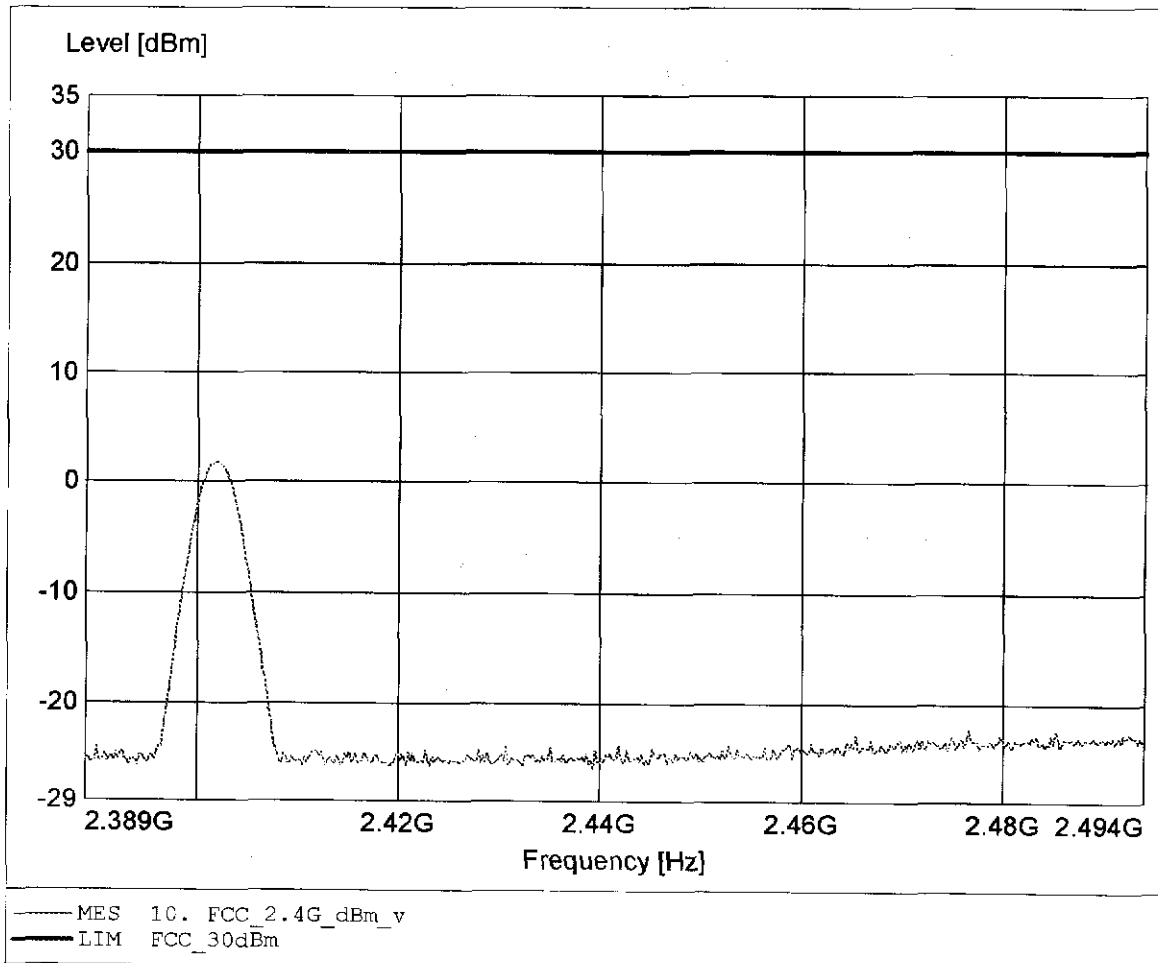
Date: 4.JAN.2006 13:22:50

**Measurement diagram**

**Carrier power (dBm)**

**FCC RULES PART 15, SUBPART C**

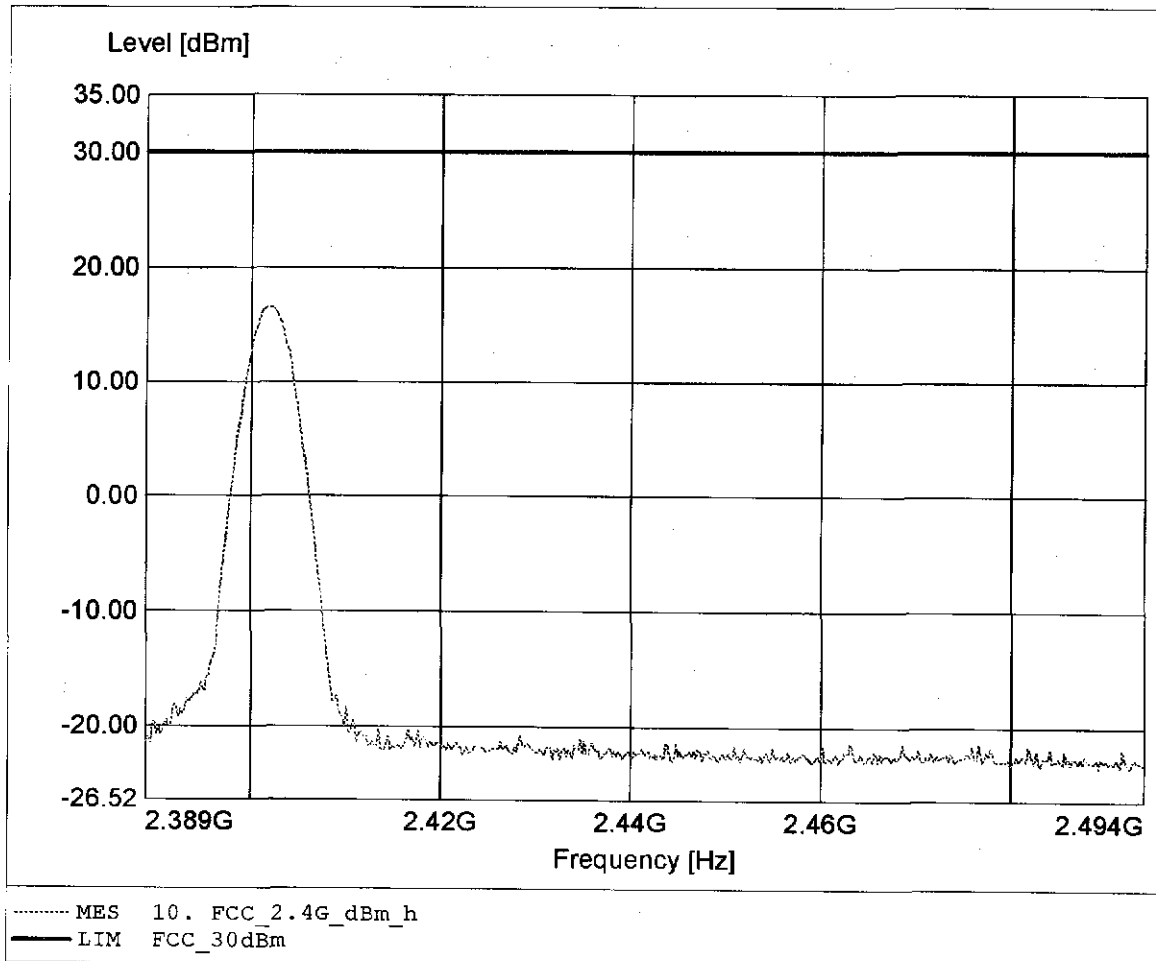
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.402GHz, Pmax: 1.74dBm, RBW: 3MHz



Carrier power (dBm)

**FCC RULES PART 15, SUBPART C**

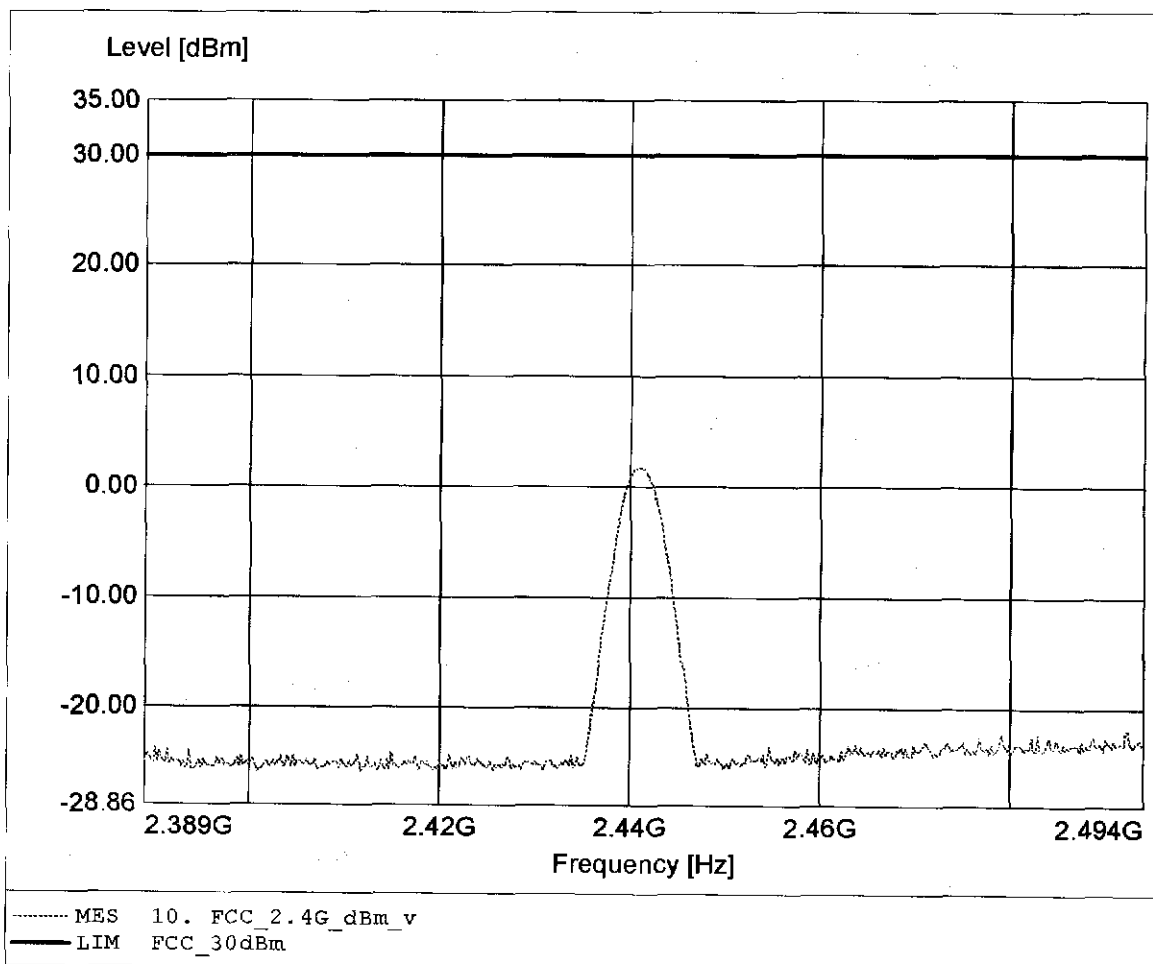
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.402GHz, Pmax: 16.60dBm, RBW: 3MHz



**Carrier power (dBm)**

**FCC RULES PART 15, SUBPART C**

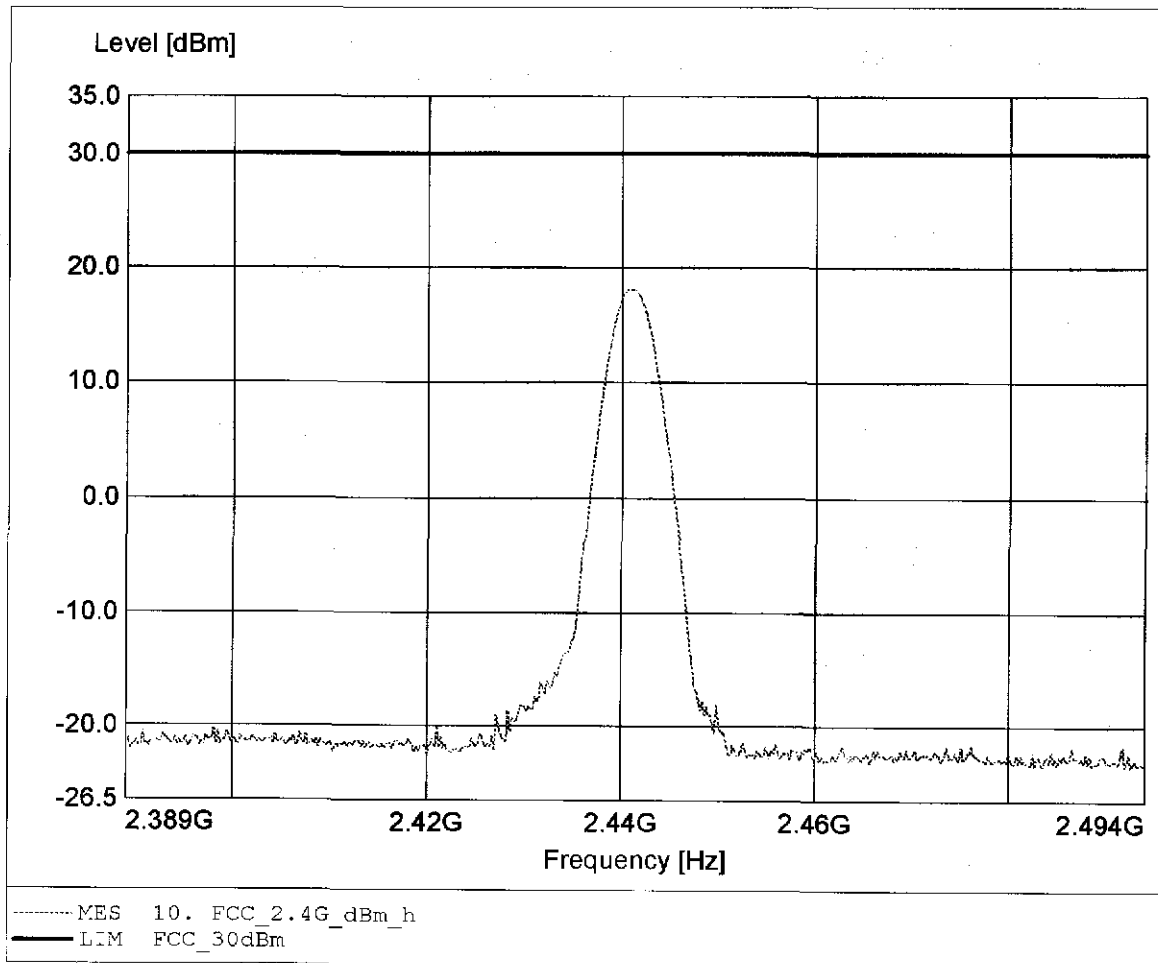
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.441GHz, Pmax: 1.78dBm, RBW: 3MHz



# Carrier power (dBm)

## FCC RULES PART 15, SUBPART C

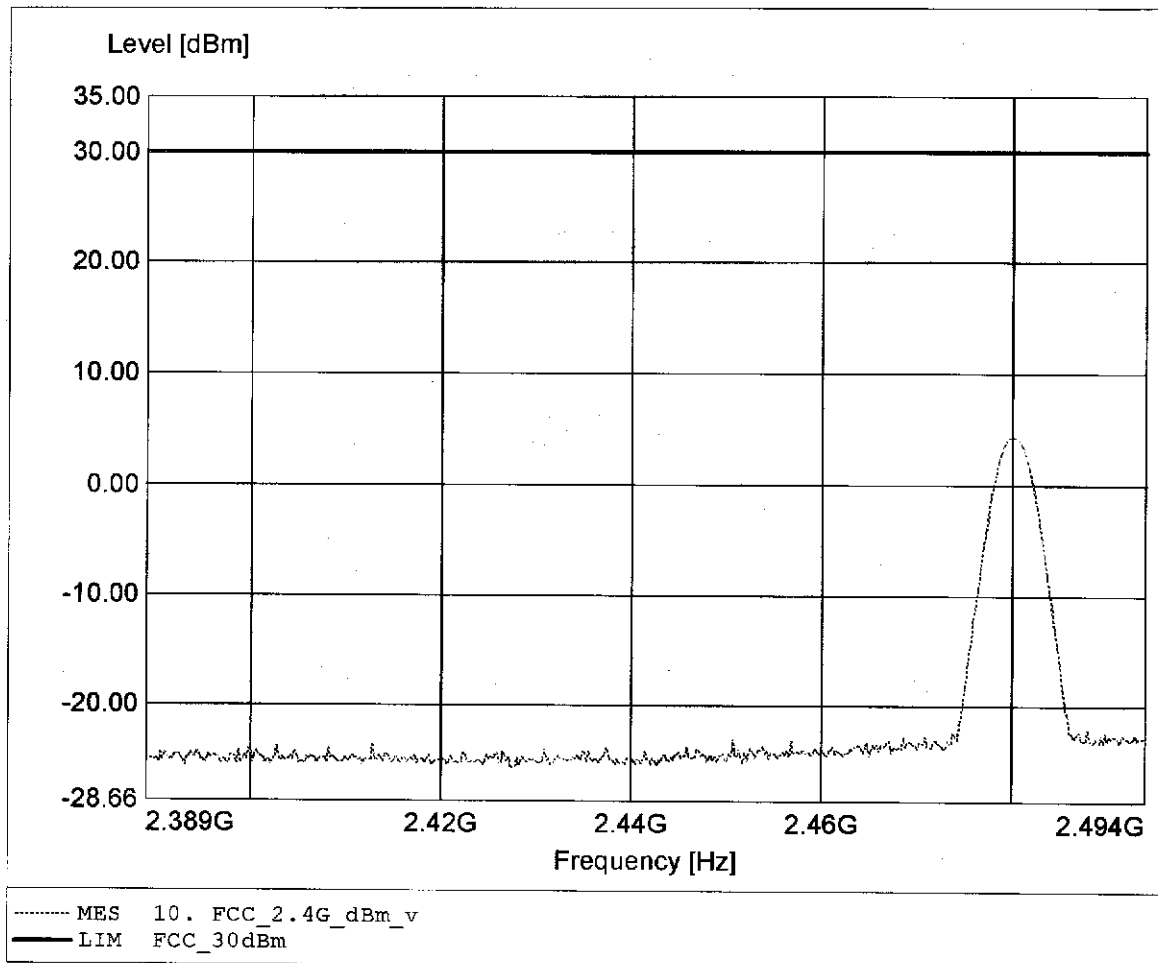
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.441GHz, Pmax: 18.16dBm, RBW: 3MHz



# Carrier power (dBm)

## FCC RULES PART 15, SUBPART C

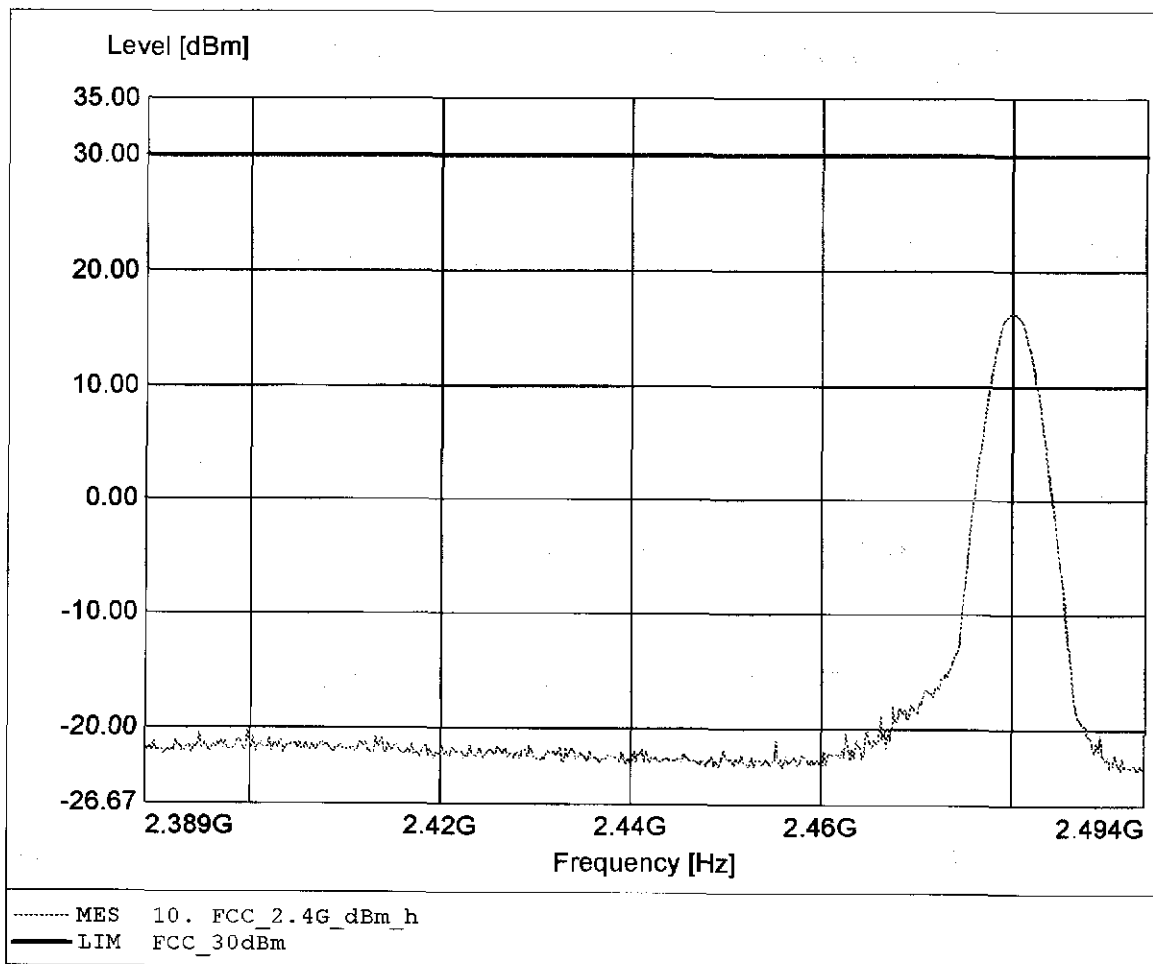
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cerovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.480GHz, Pmax: 4.43dBm, RBW: 3MHz



**Carrier power (dBm)**

**FCC RULES PART 15, SUBPART C**

Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.480GHz, Pmax: 16.36dBm, RBW: 3MHz

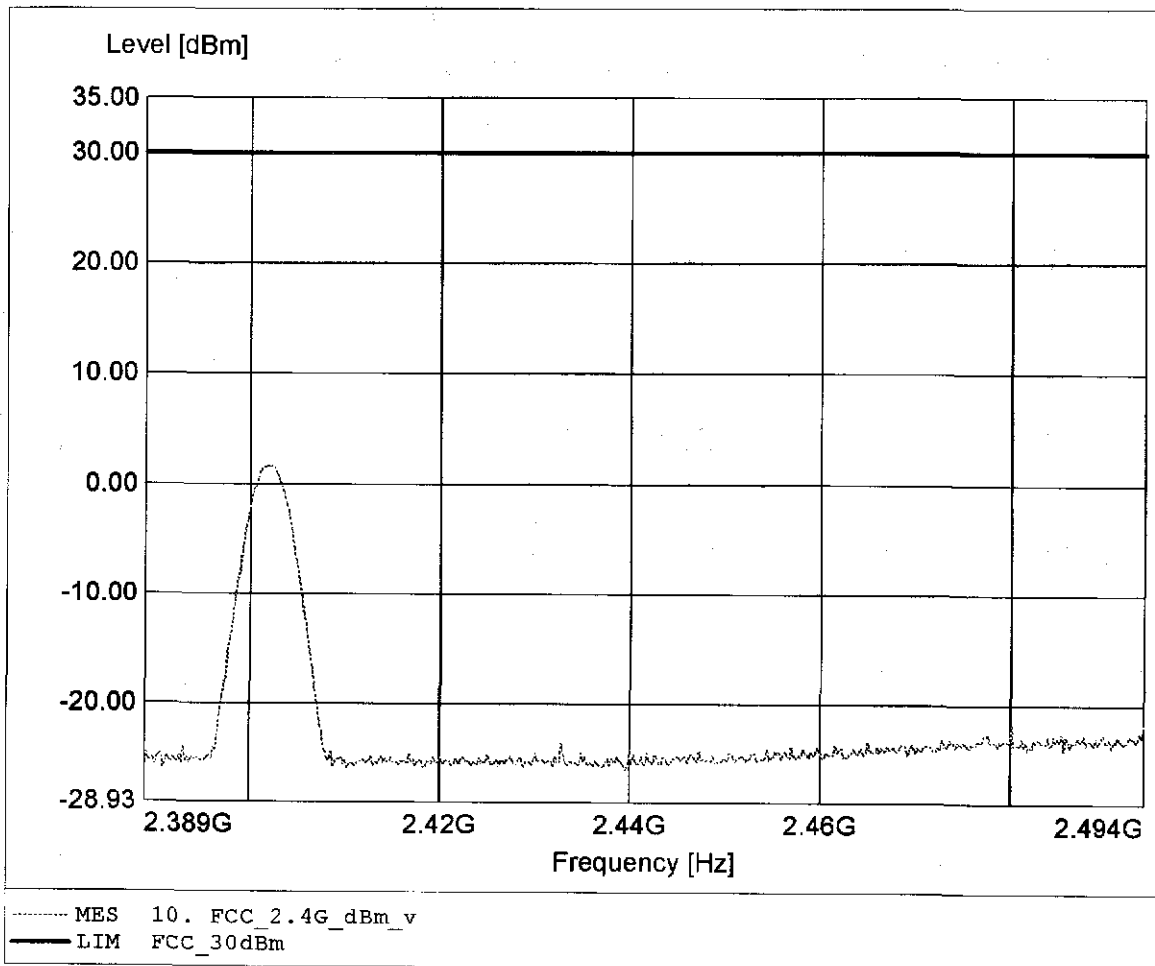




# Carrier power (dBm)

## FCC RULES PART 15, SUBPART C

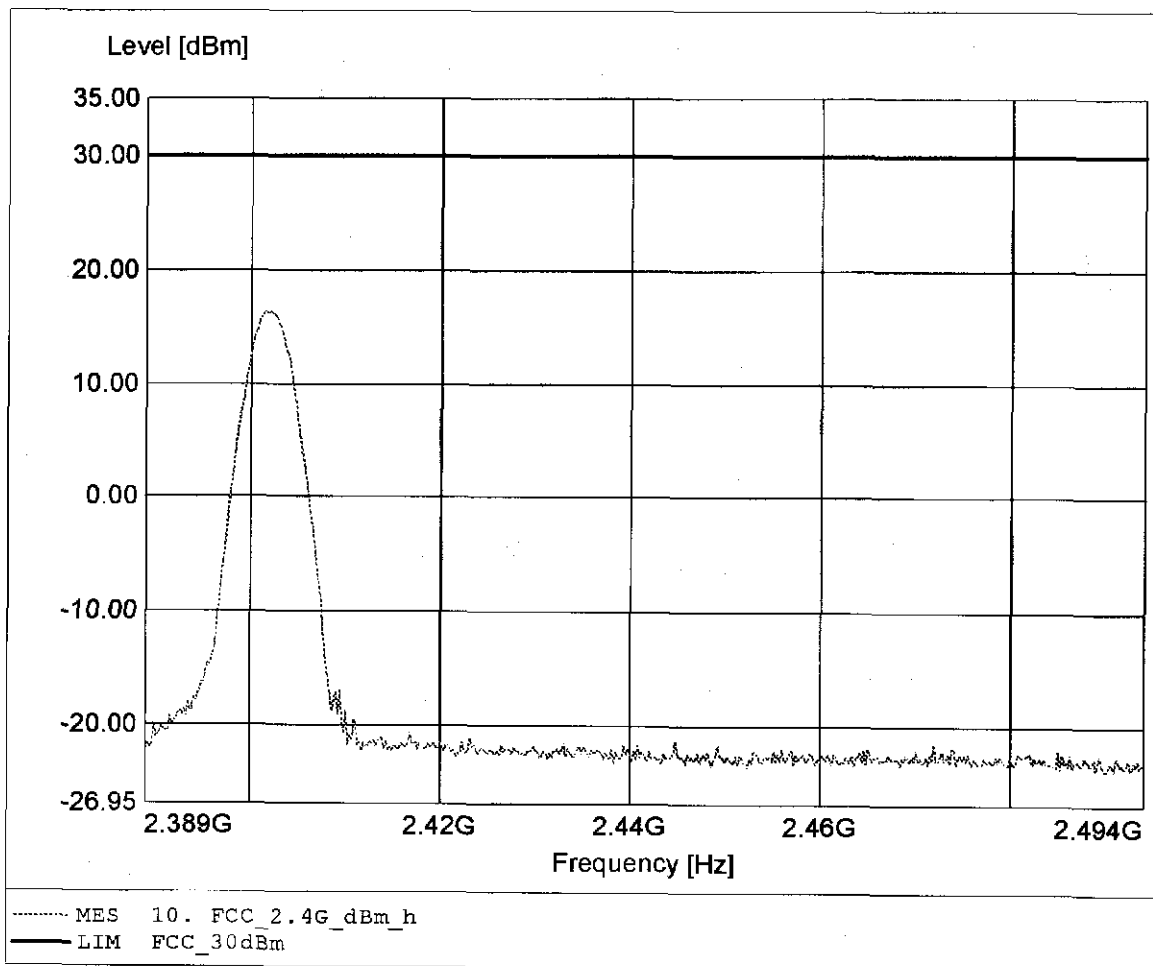
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Umin: 120 V~ -15%  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.402GHz, Pmax: 1.63dBm, RBW: 3MHz



# Carrier power (dBm)

## FCC RULES PART 15, SUBPART C

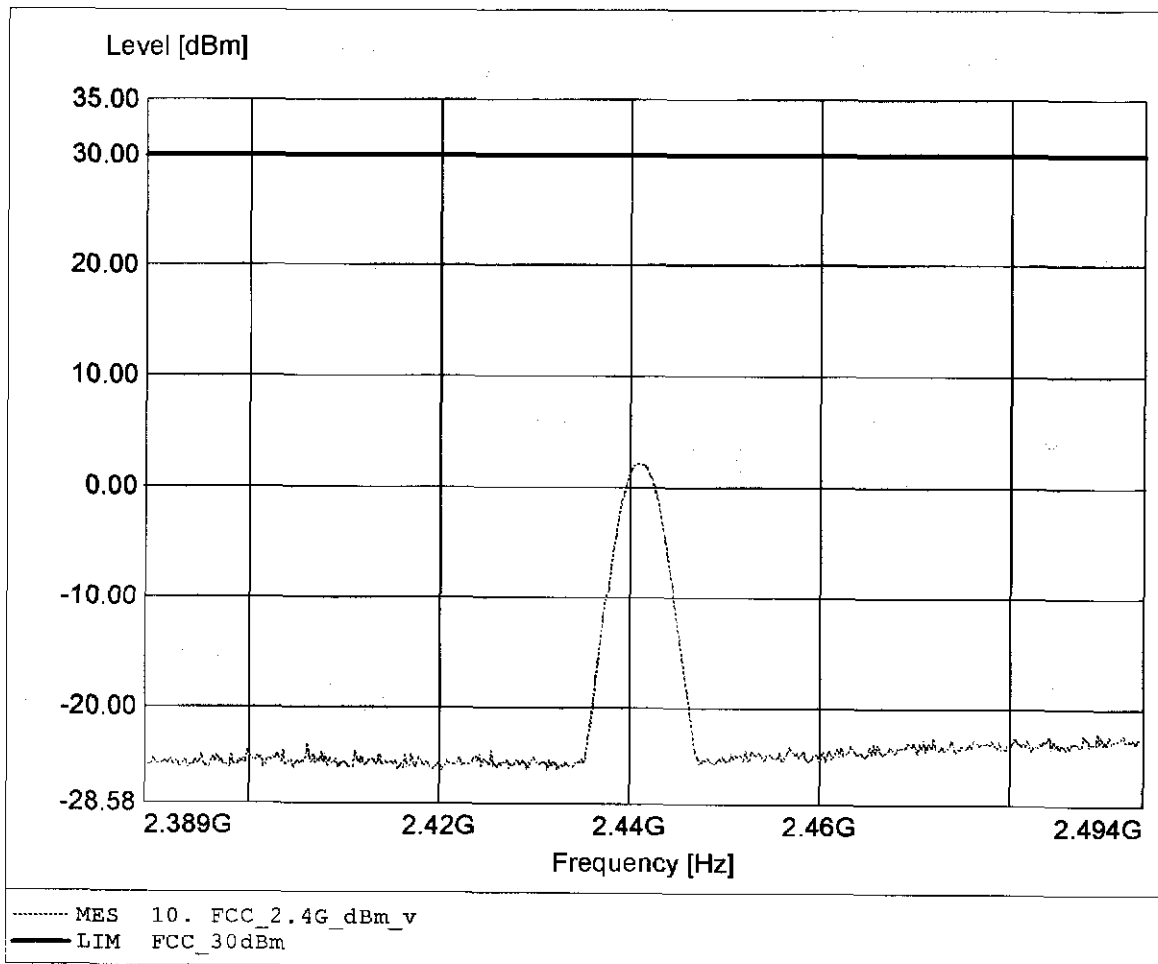
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Umin: 120 V~ -15%  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.402GHz, Pmax: 16.41dBm, RBW: 3MHz



**Carrier power (dBm)**

**FCC RULES PART 15, SUBPART C**

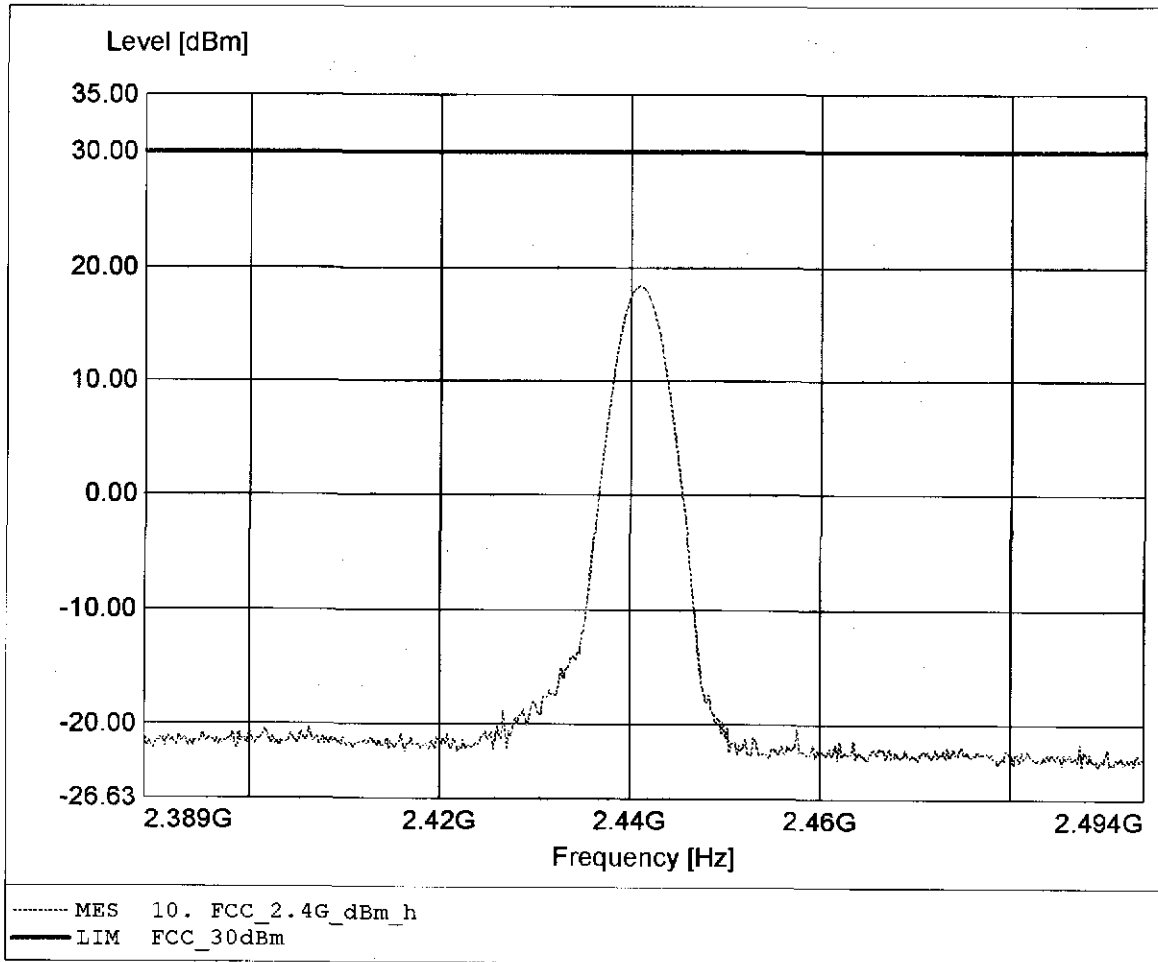
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Umin: 120 V~ -15%  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.441GHz, Pmax: 2.16dBm, RBW: 3MHz



# Carrier power (dBm)

## FCC RULES PART 15, SUBPART C

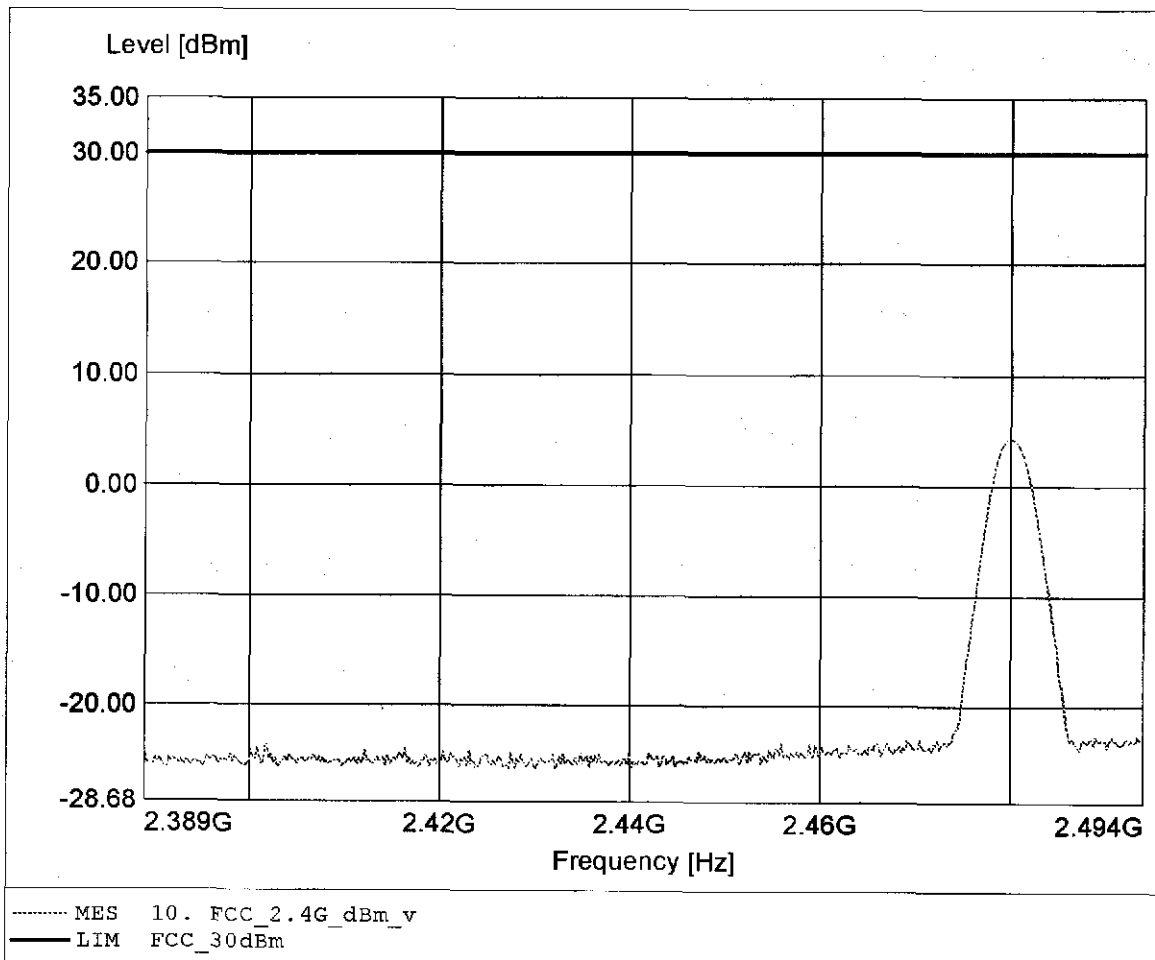
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Umin: 120 V~ -15%  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.441GHz, Pmax: 18.42dBm, RBW: 3MHz



Carrier power (dBm)

FCC RULES PART 15, SUBPART C

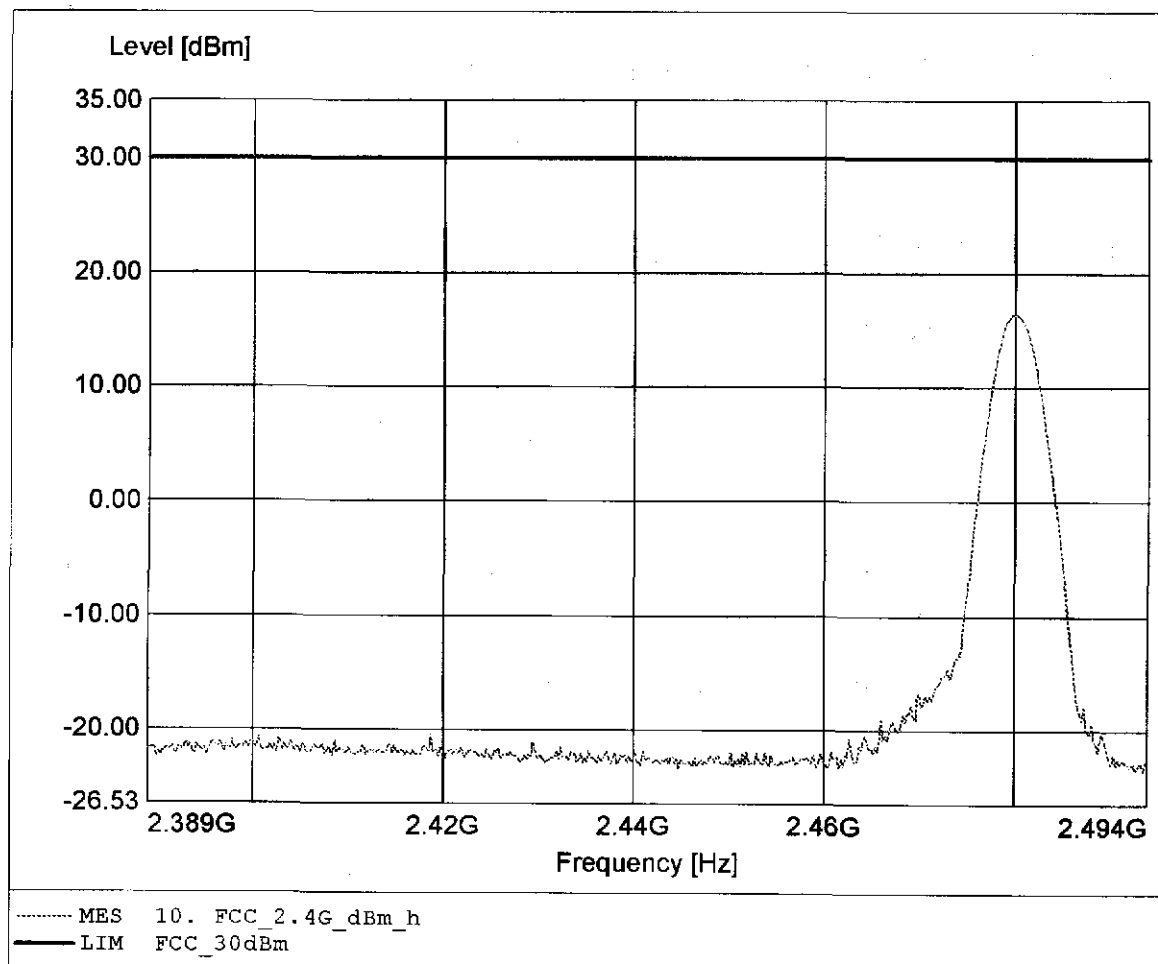
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Umin: 120 V~ -15%  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.480GHz, Pmax: 4.33dBm, RBW: 3MHz



# Carrier power (dBm)

## FCC RULES PART 15, SUBPART C

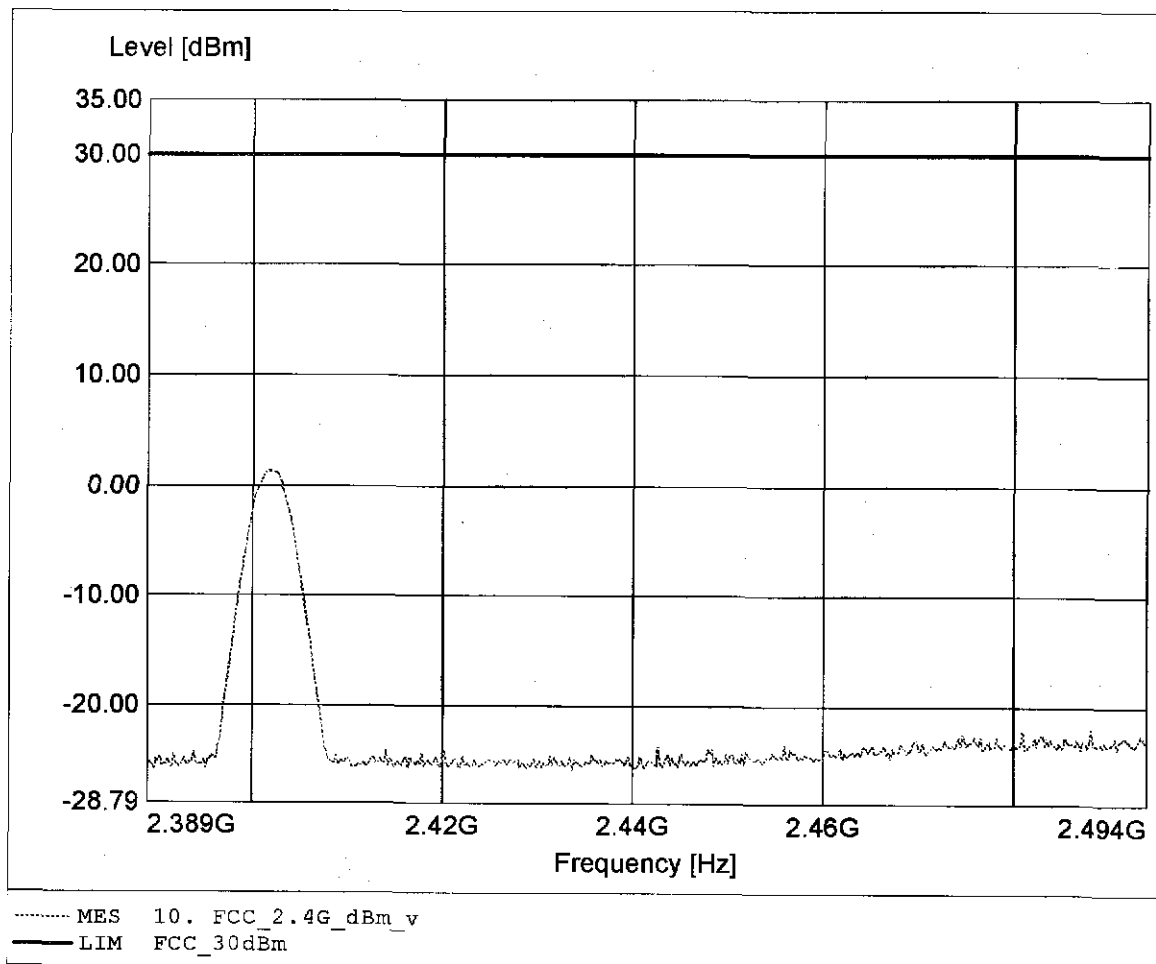
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Umin: 120 V~ -15%  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.480GHz, Pmax: 16.37dBm, RBW: 3MHz



# Carrier power (dBm)

## FCC RULES PART 15, SUBPART C

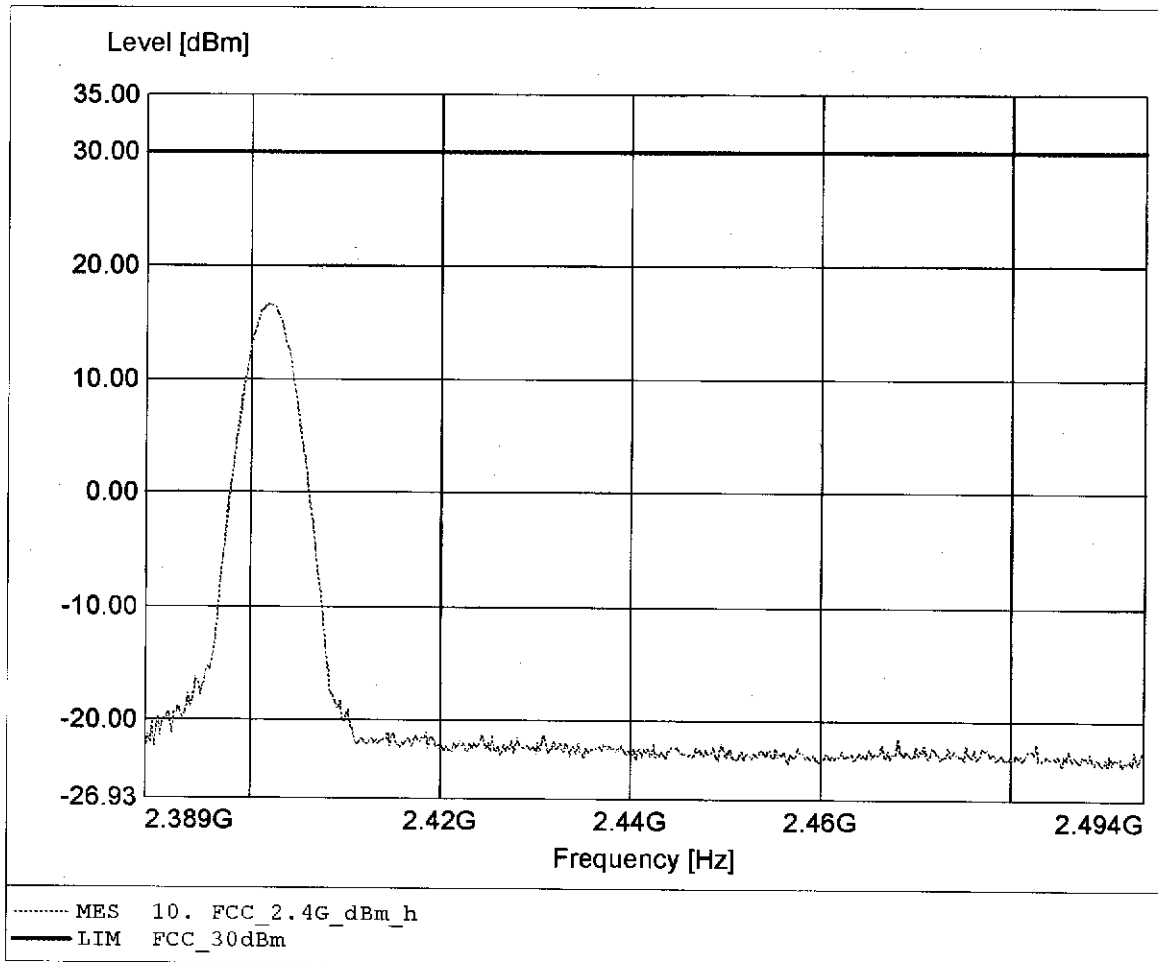
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Umax: 120 V~ +15%  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.402GHz, Pmax: 1.38dBm, RBW: 3MHz



**Carrier power (dBm)**

**FCC RULES PART 15, SUBPART C**

Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Umax: 120 V~ +15%  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.402GHz, Pmax: 16.64dBm, RBW: 3MHz

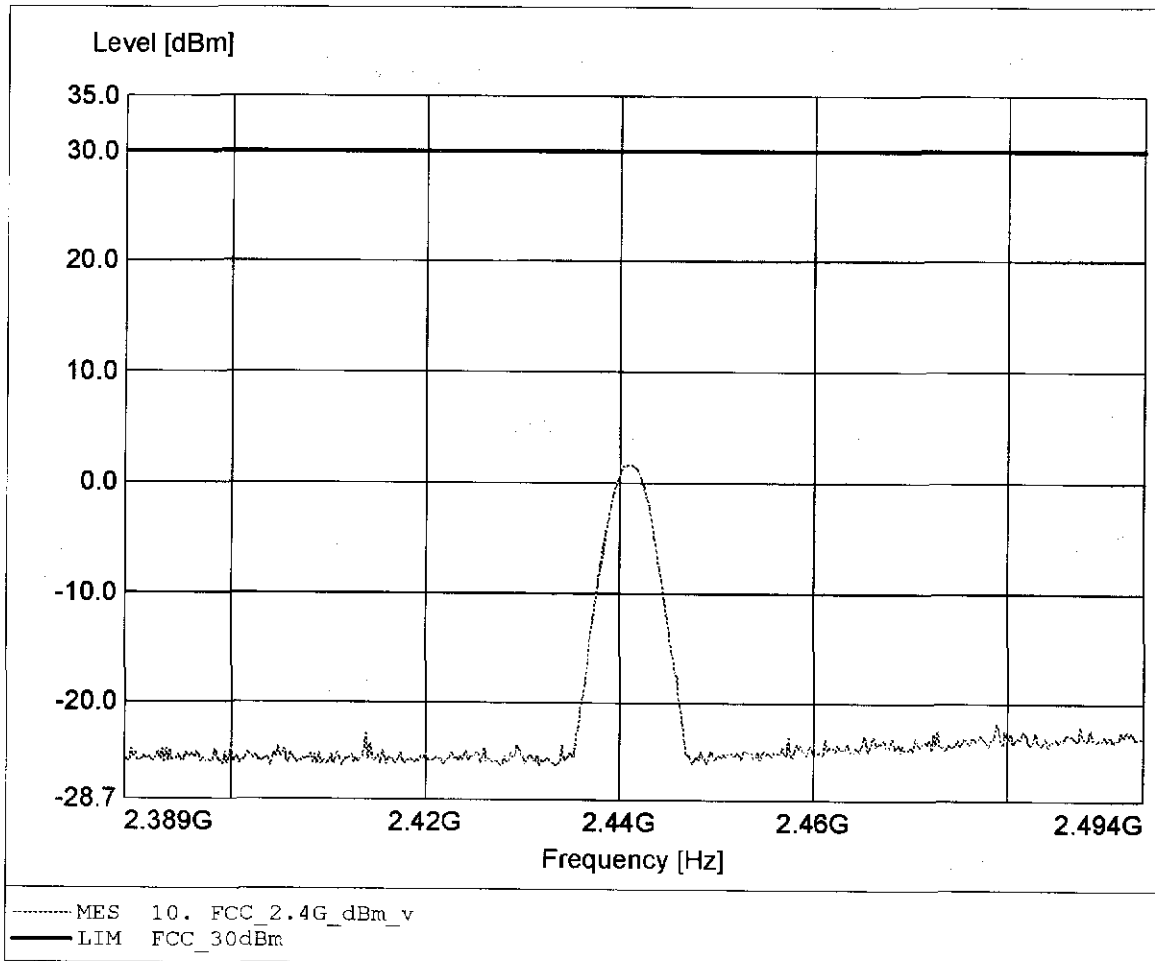




**Carrier power (dBm)**

**FCC RULES PART 15, SUBPART C**

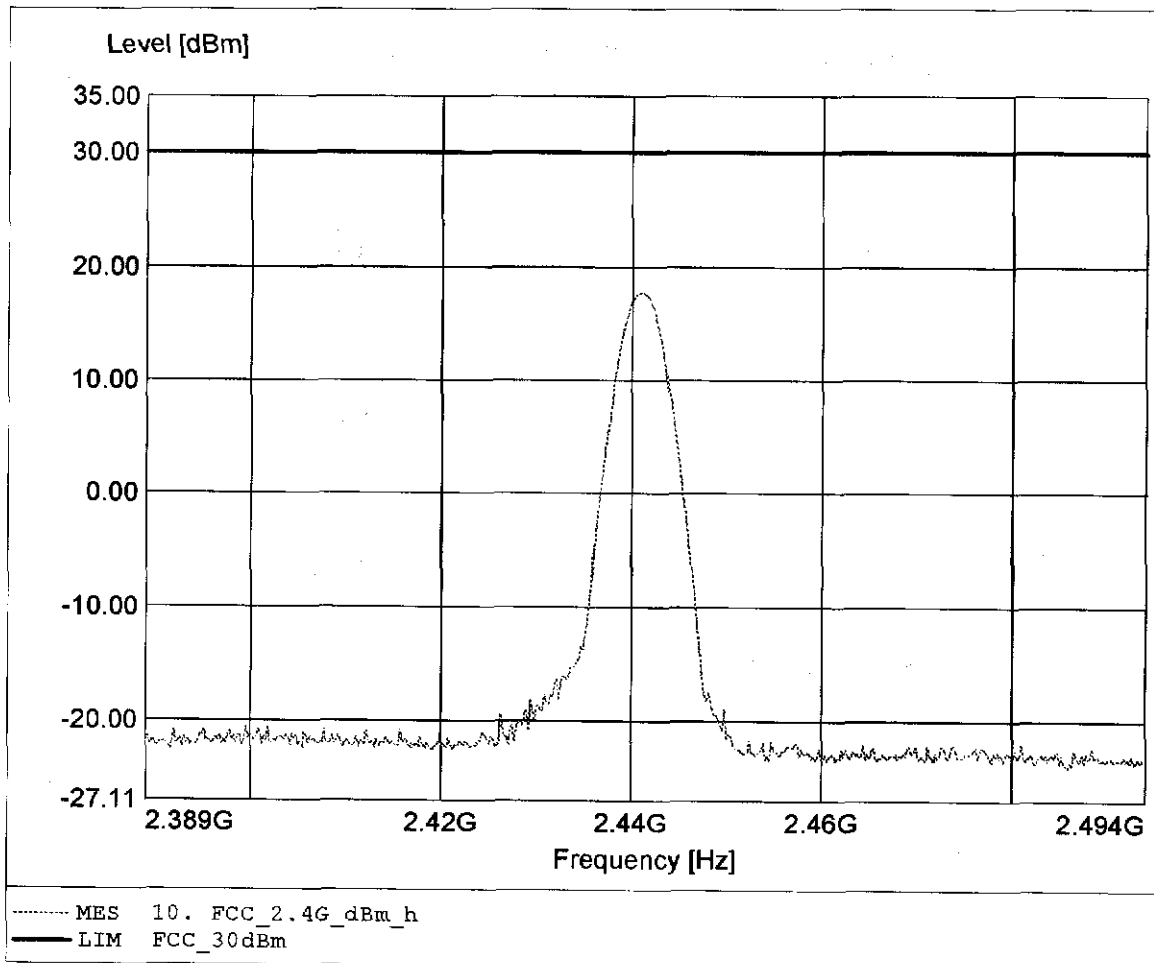
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Umax: 120 V~ +15%  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.441GHz, Pmax: 1.64dBm, RBW: 3MHz



**Carrier power (dBm)**

**FCC RULES PART 15, SUBPART C**

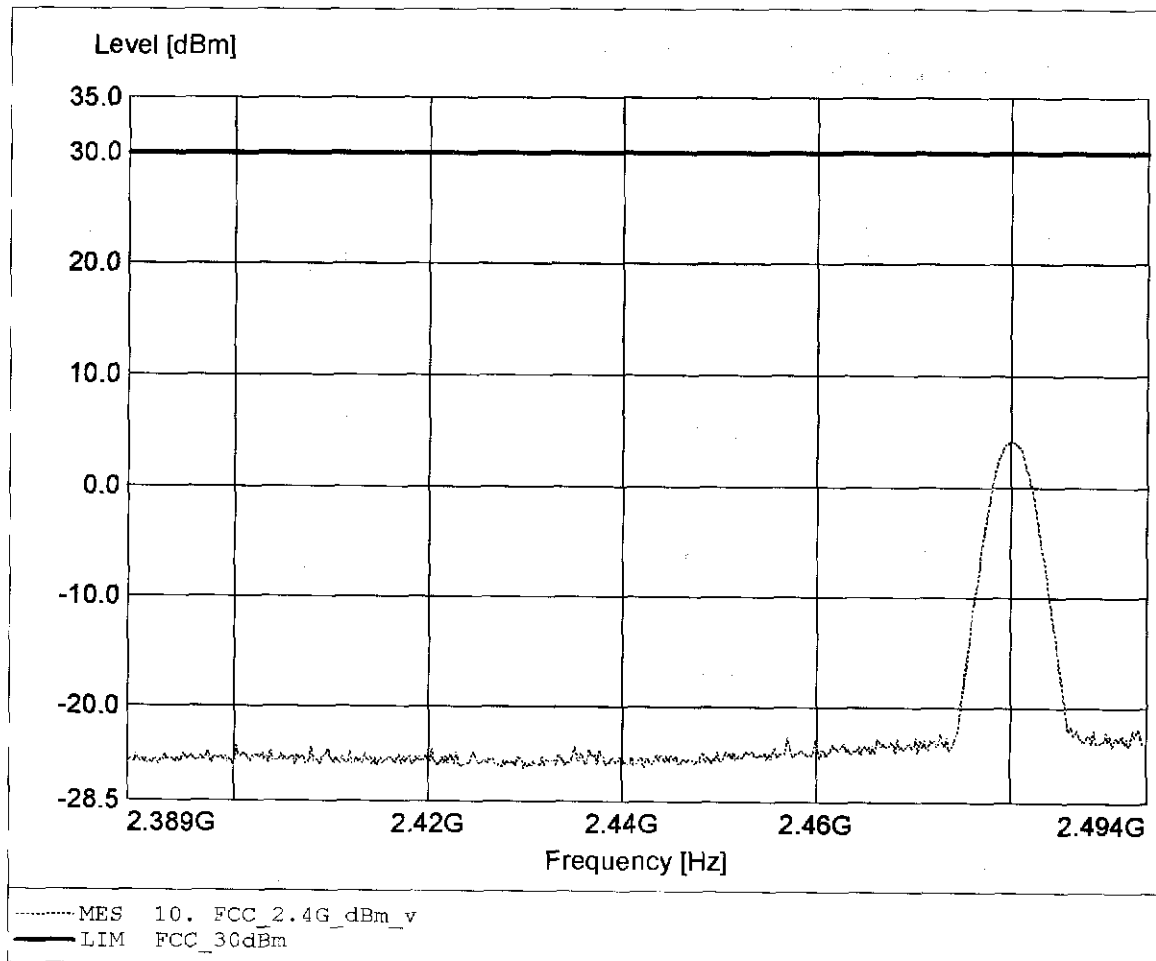
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Umax: 120 V~ +15%  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.441GHz, Pmax: 17.79dBm, RBW: 3MHz



**Carrier power (dBm)**

**FCC RULES PART 15, SUBPART C**

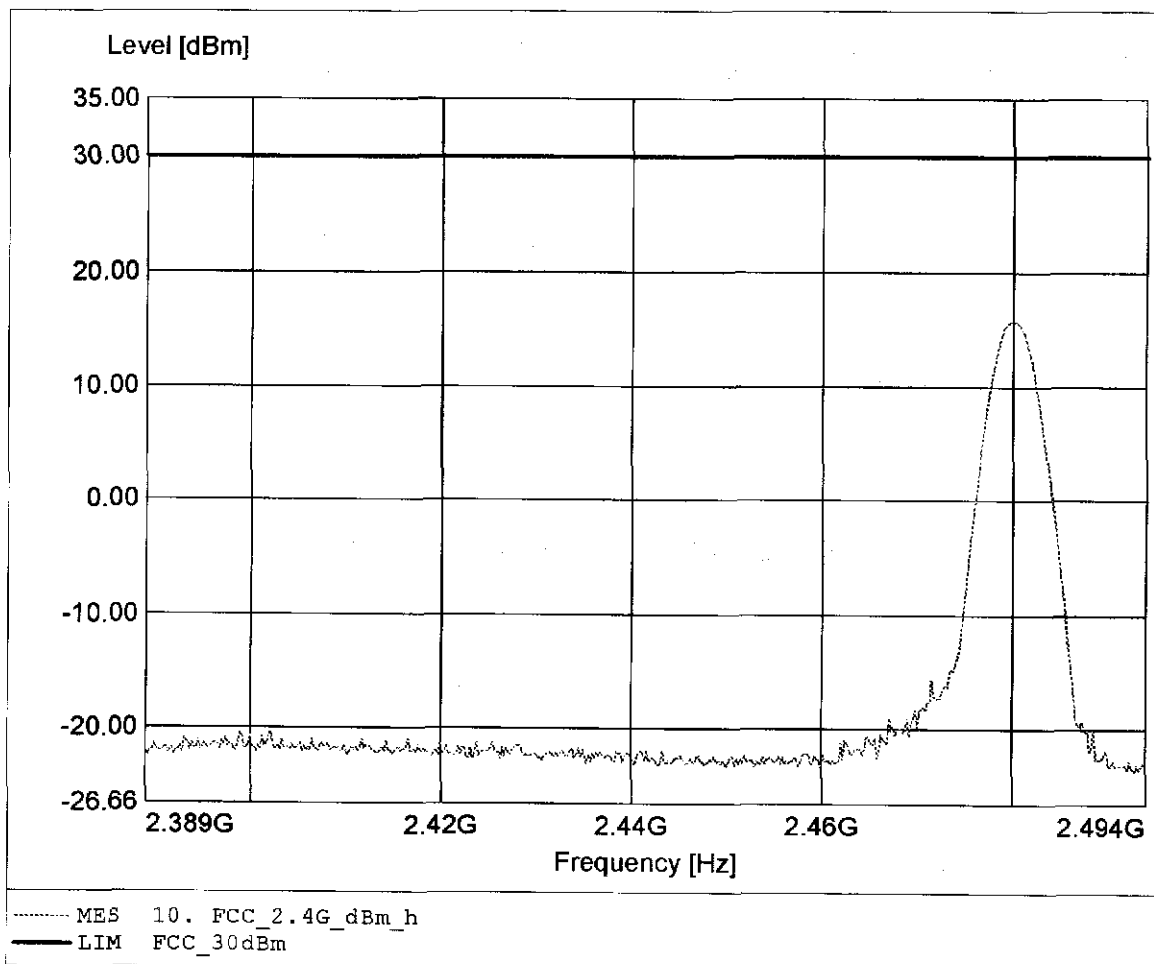
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Umax: 120 V~ +15%  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.480GHz, Pmax: 4.10dBm, RBW: 3MHz



**Carrier power (dBm)**

**FCC RULES PART 15, SUBPART C**

Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Umax: 120 V~ +15%  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.480GHz, Pmax: 15.79dBm, RBW: 3MHz



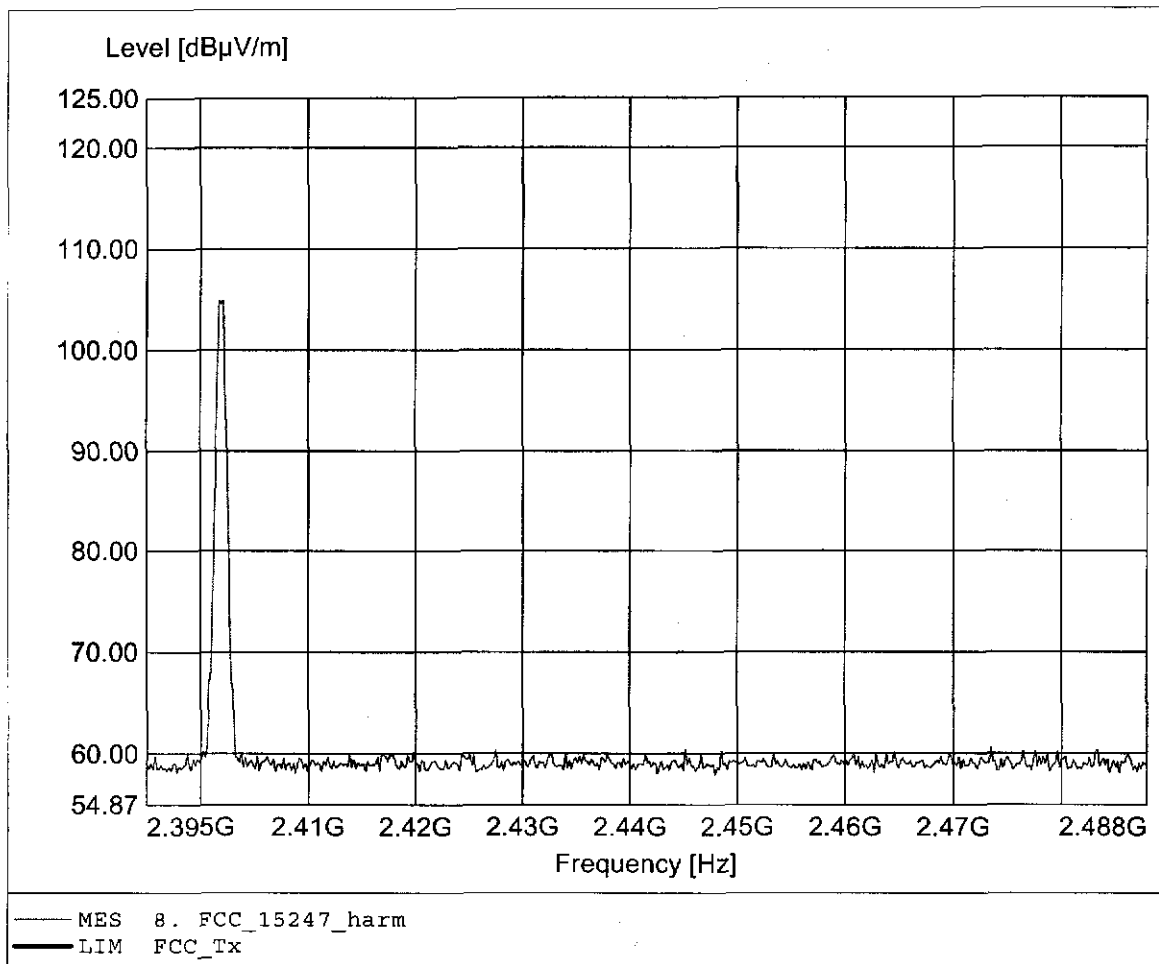
## Appendix C

Spurious Emissions radiated - Transmitter operating

# Carrier power (Field Strength)

## FCC RULES PART 15, SUBPART C

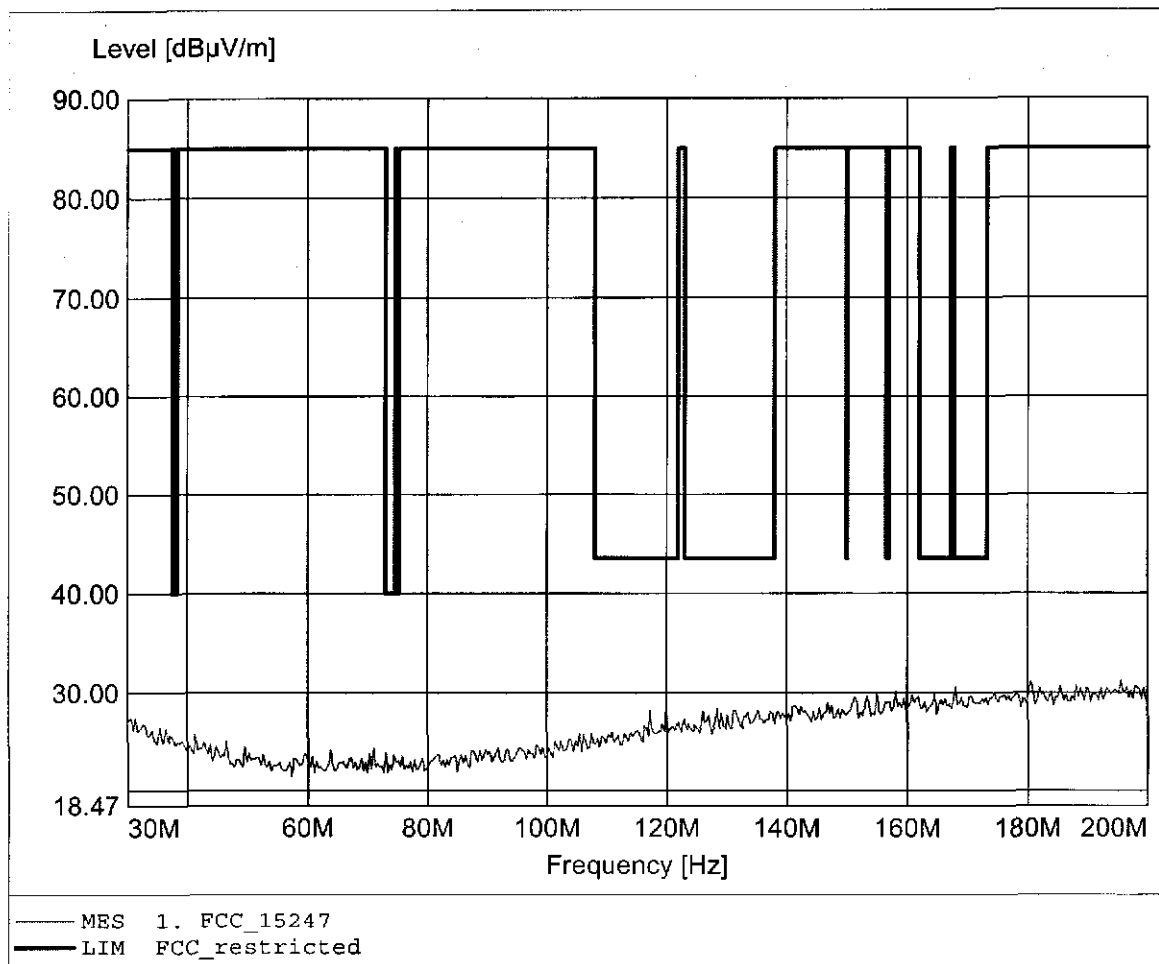
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.402GHz, Emax: 104.95dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

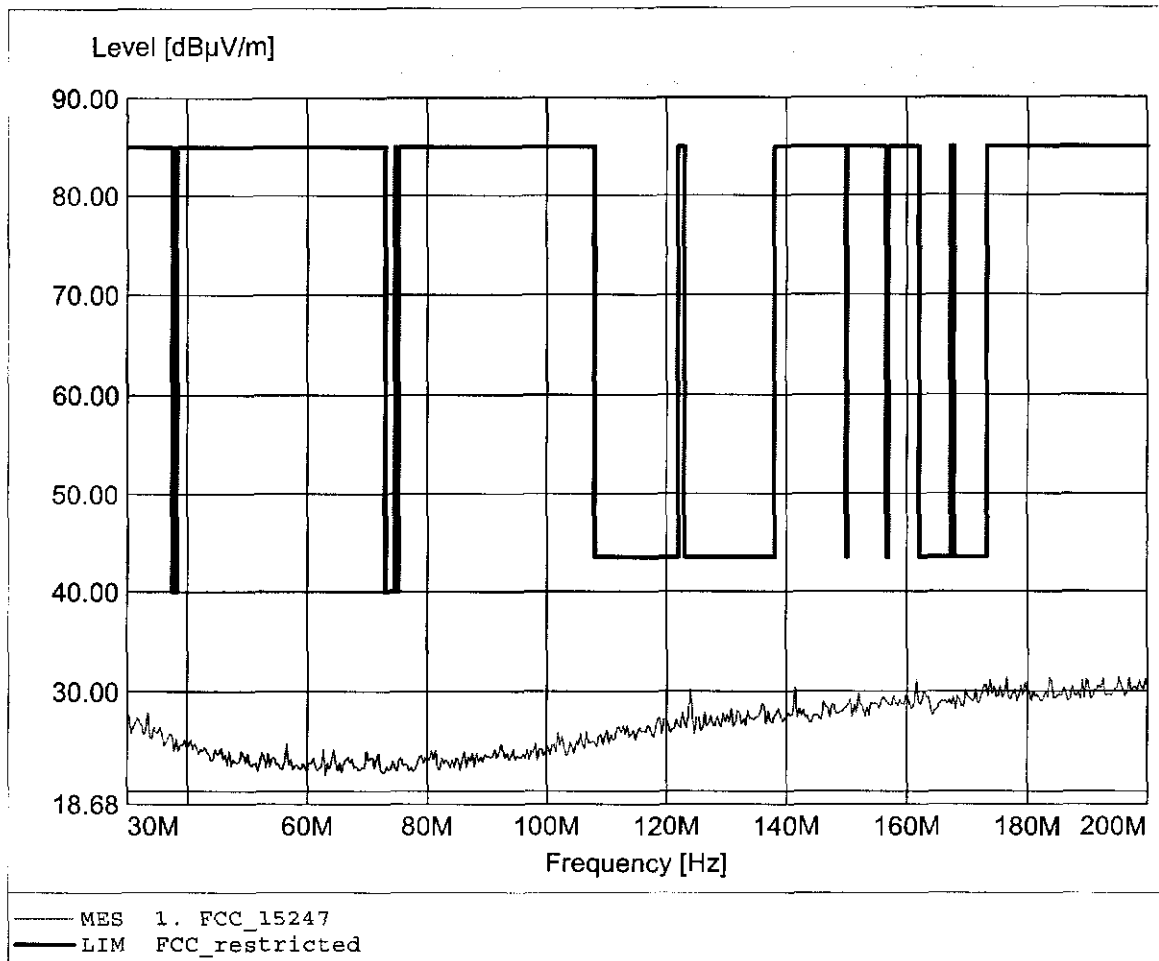
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V-  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 195.571MHz, Emax: 31.28dBuV/m, RBW: 100kHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART C

Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 195.230MHz, Emax: 31.37dBµV/m, RBW: 100kHz

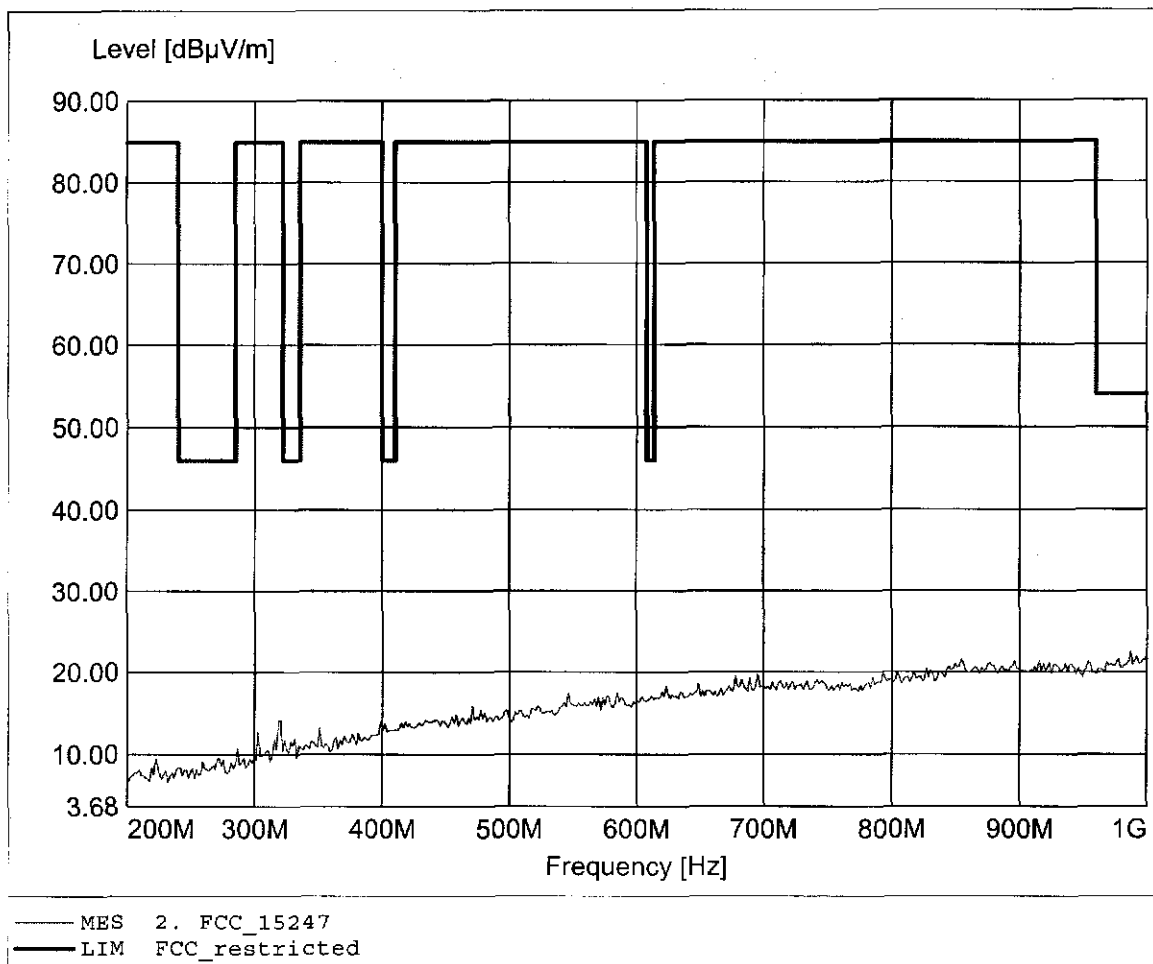




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

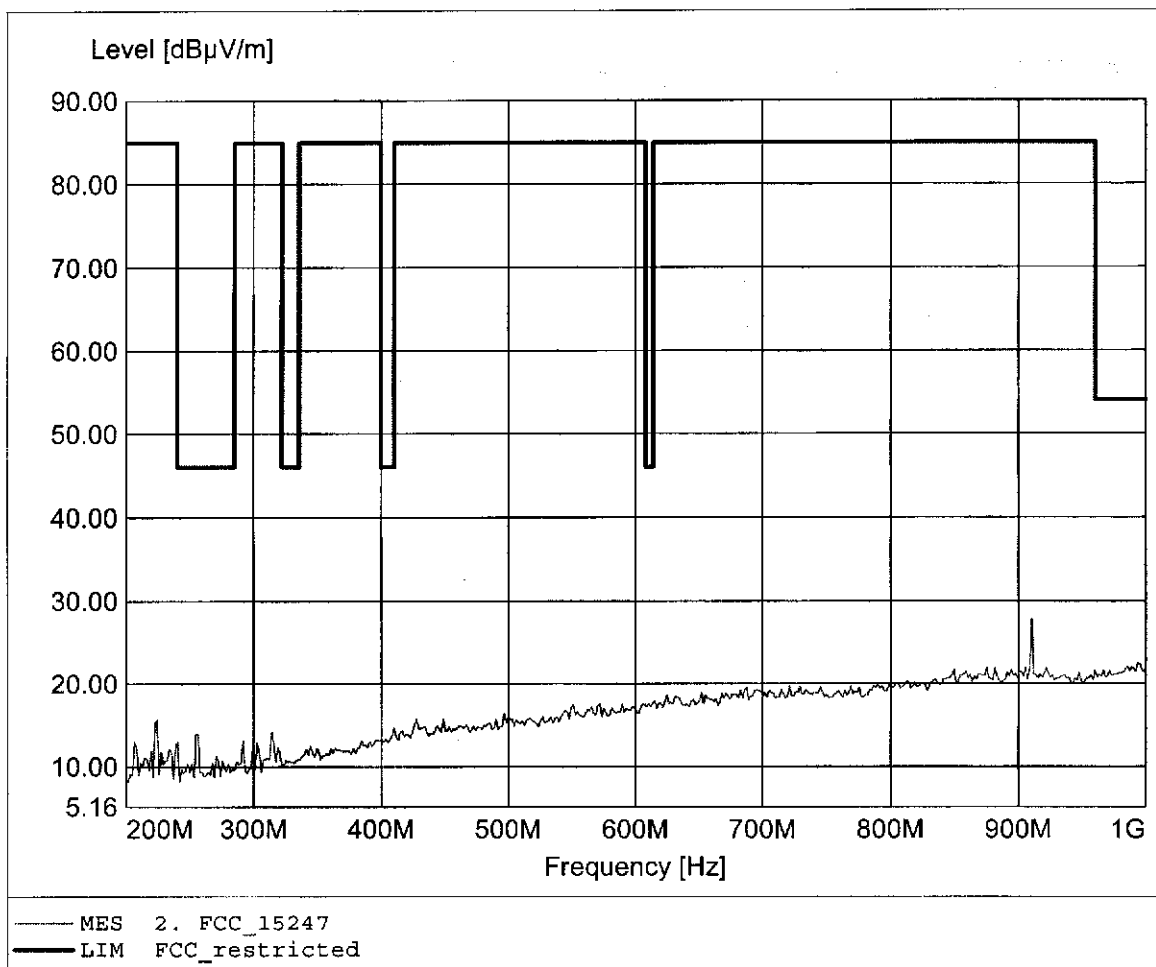
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V-  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 987.174MHz, Emax: 22.45dBuV/m, RBW: 100kHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART C

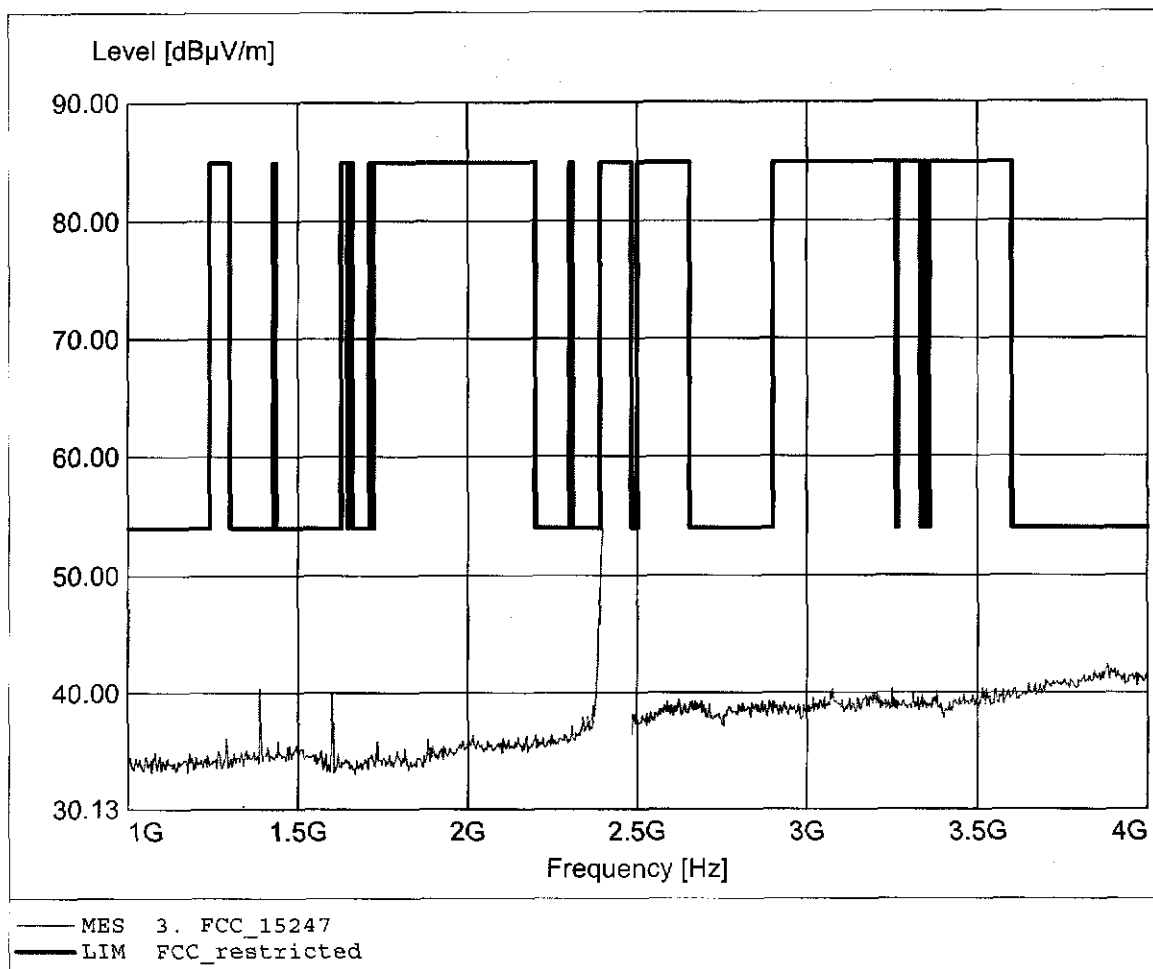
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V-  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 910.220MHz, Emax: 27.75dBuV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

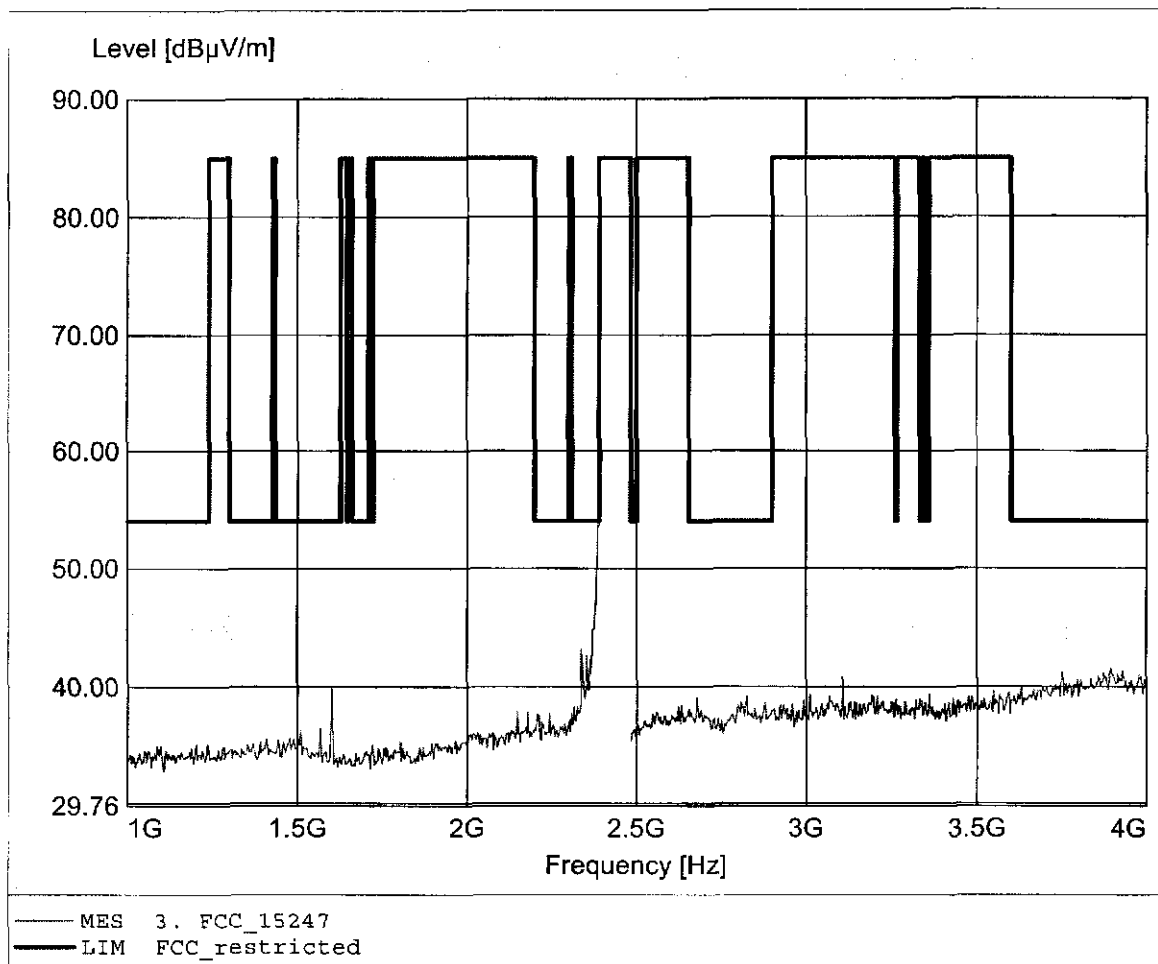
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.397GHz, Emax: 53.92dBμV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

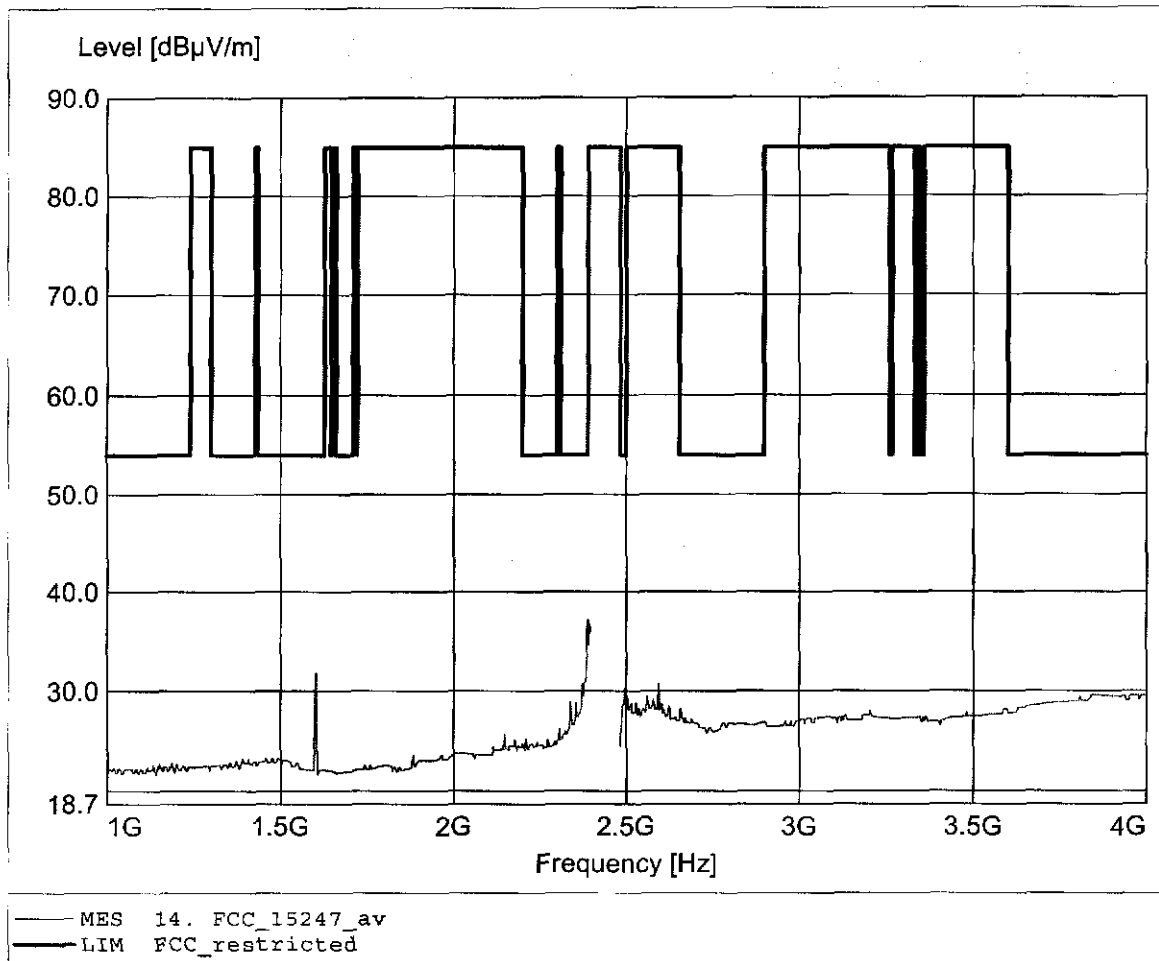
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.397GHz, Emax: 59.99dBμV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

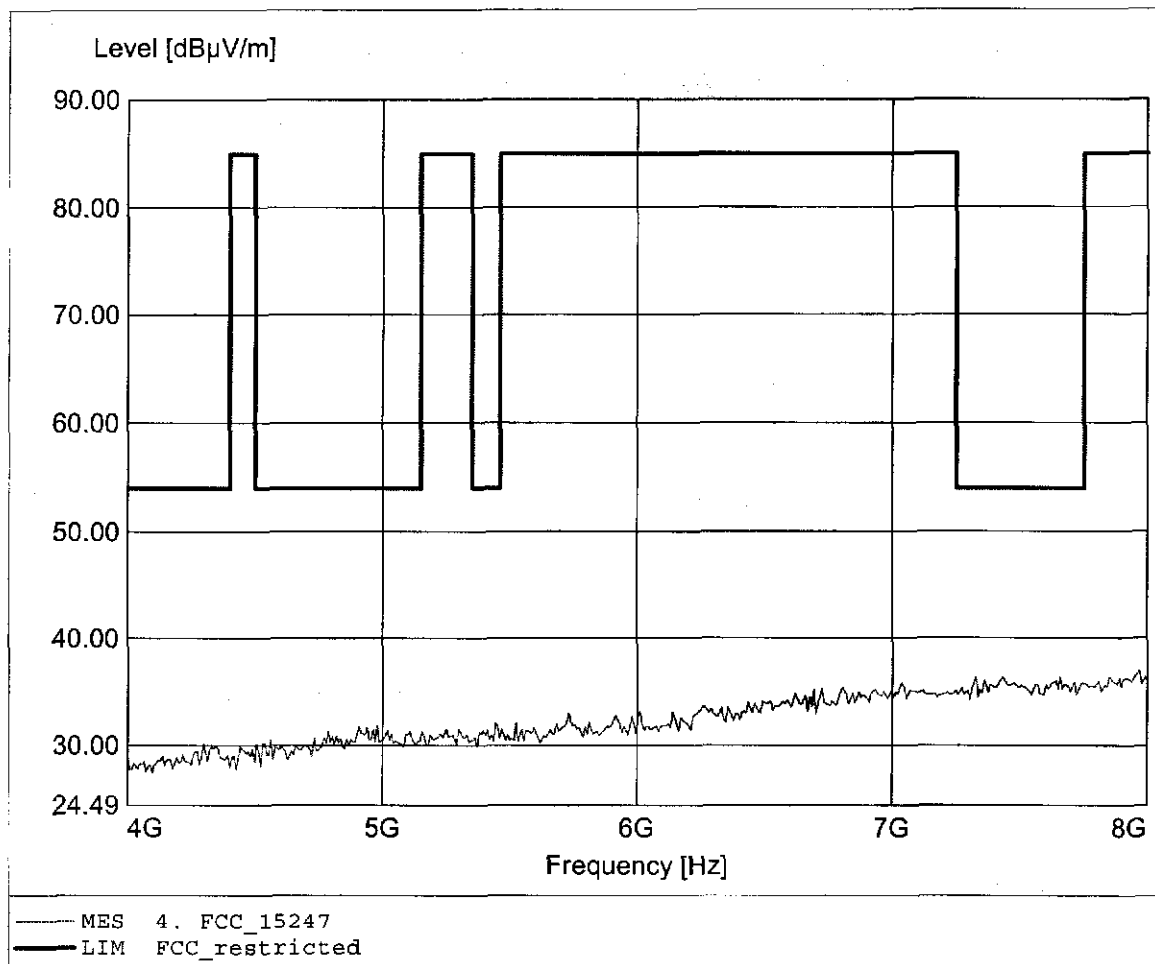
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.389GHz, Emax: 37.22dBμV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

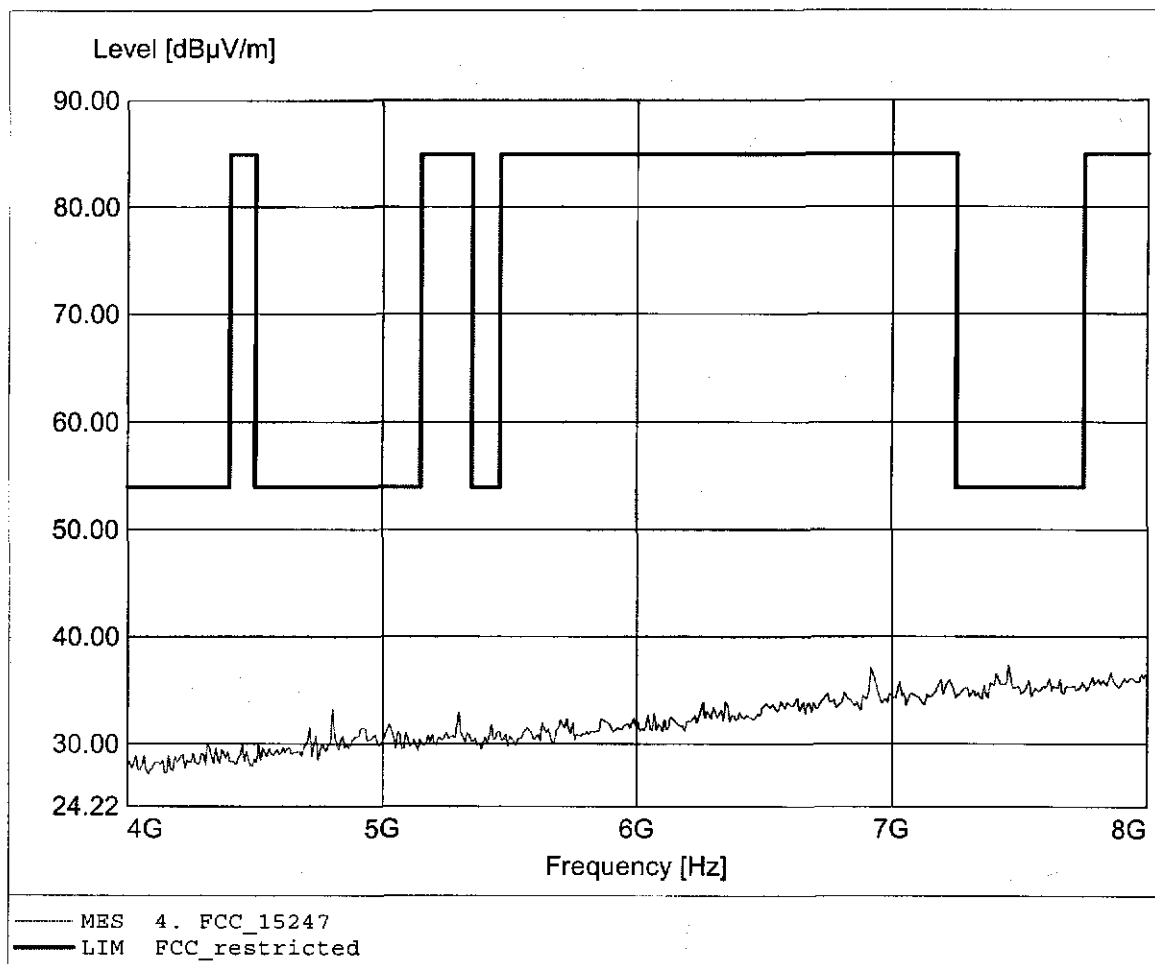
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 7.968GHz, Emax: 37.00dBuV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART C

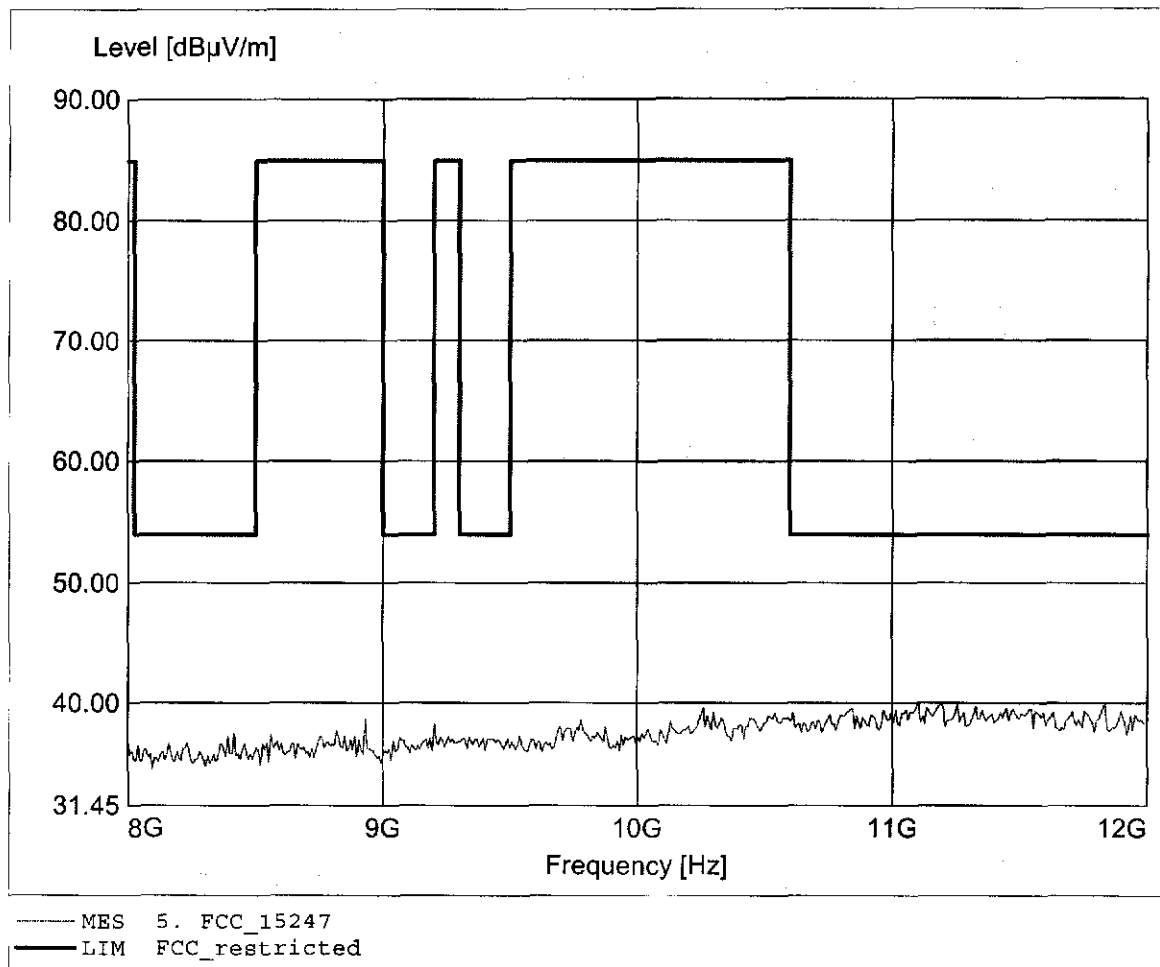
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V-  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 7.455GHz, Emax: 37.34dBμV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART C

Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V-  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.102GHz, Emax: 40.06dBuV/m, RBW: 1MHz

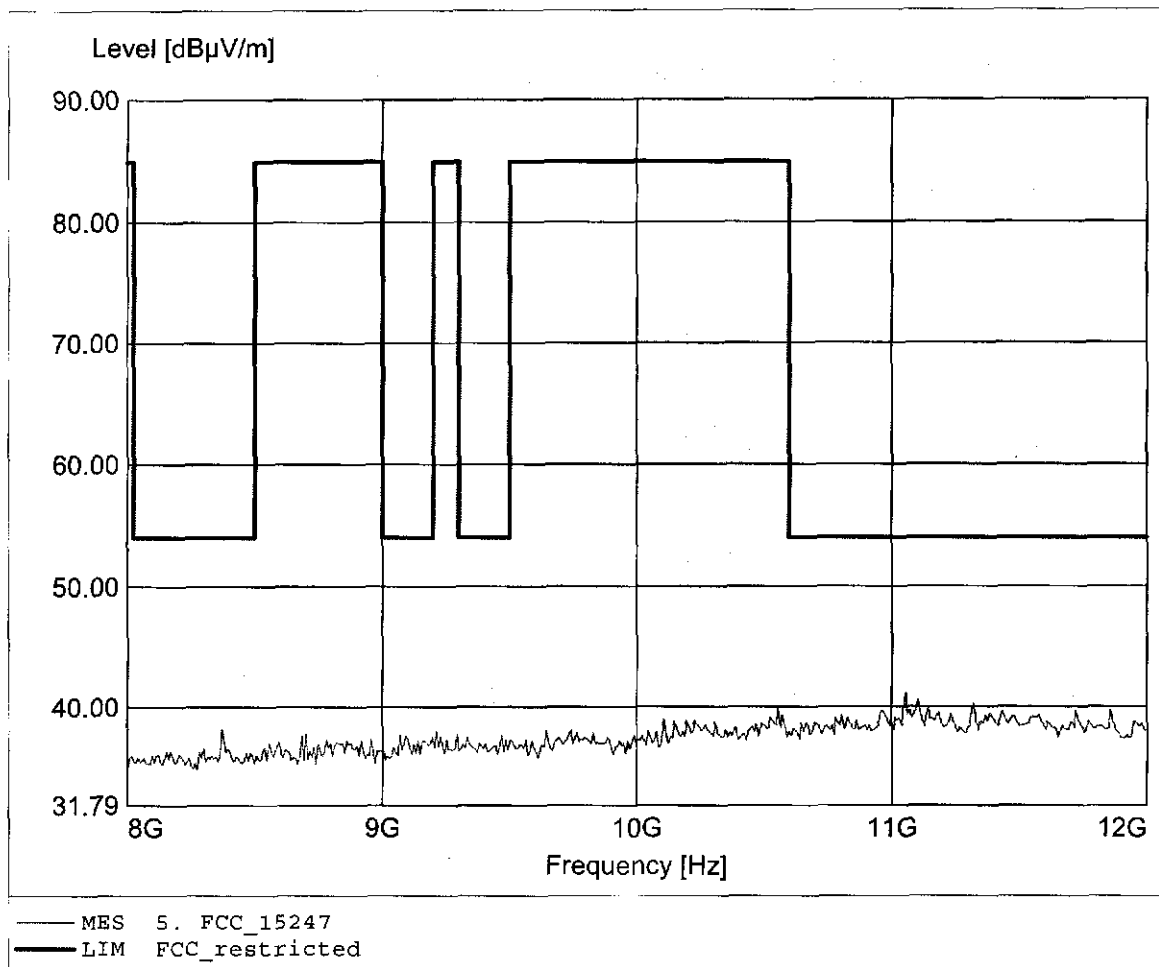




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

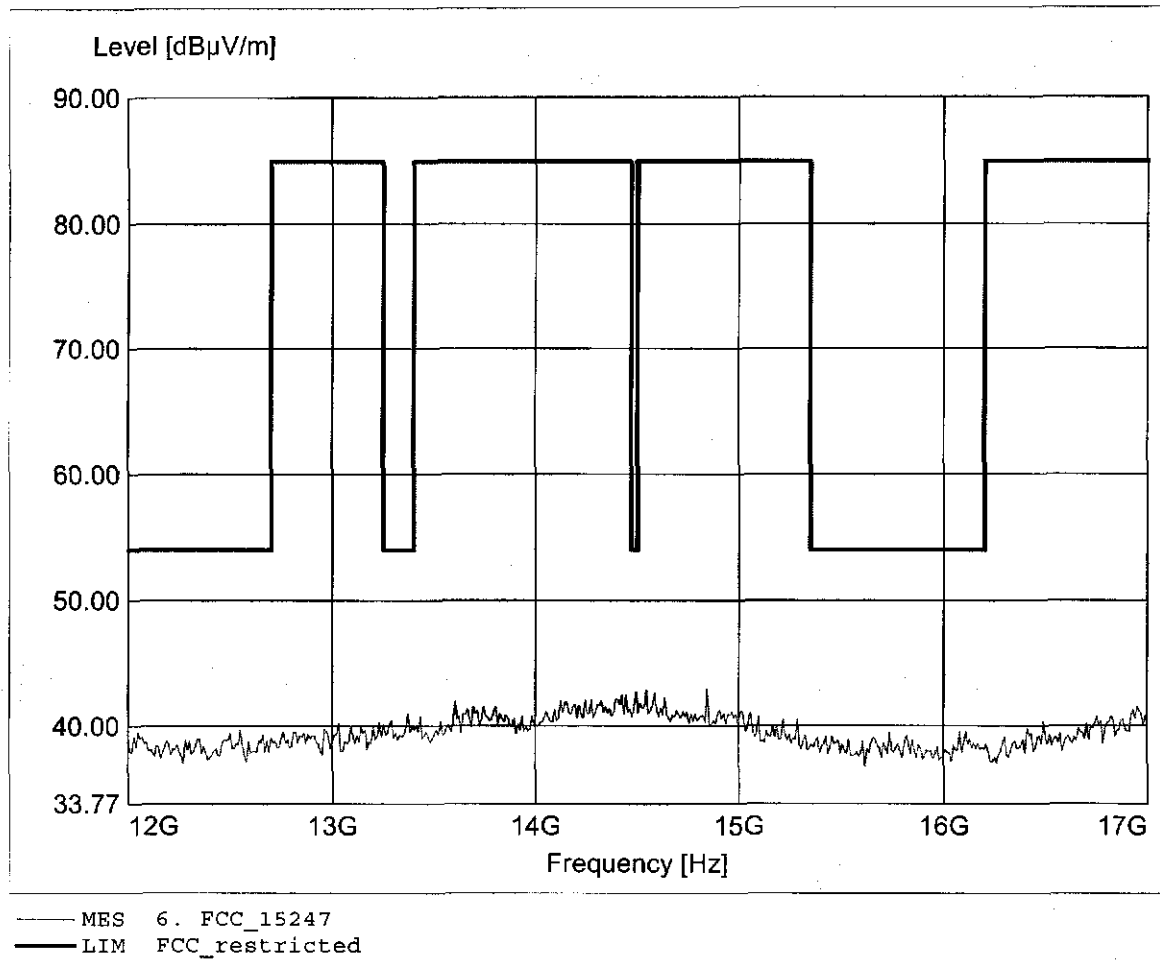
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.054GHz, Emax: 41.18dBuV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART C

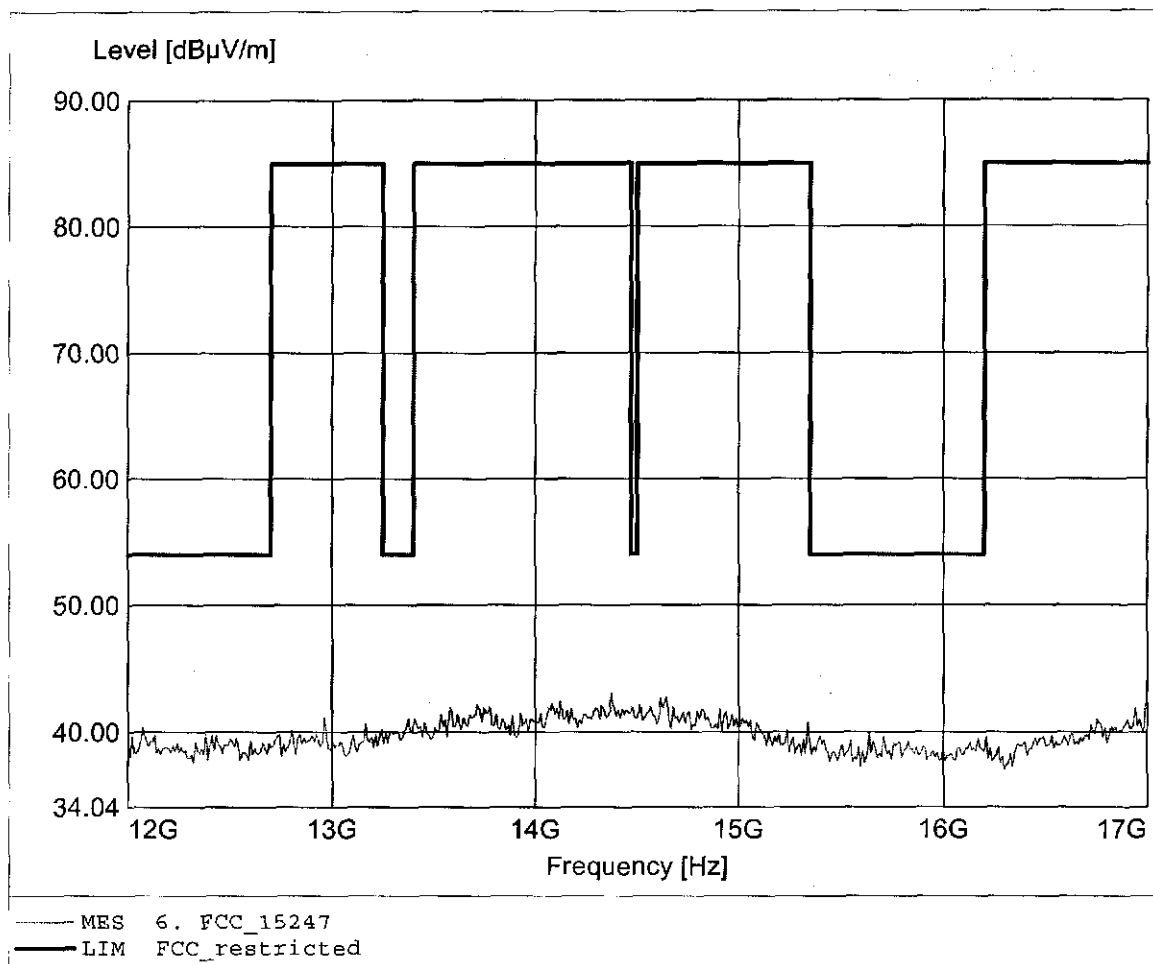
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.846GHz, Emax: 43.01dBuV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

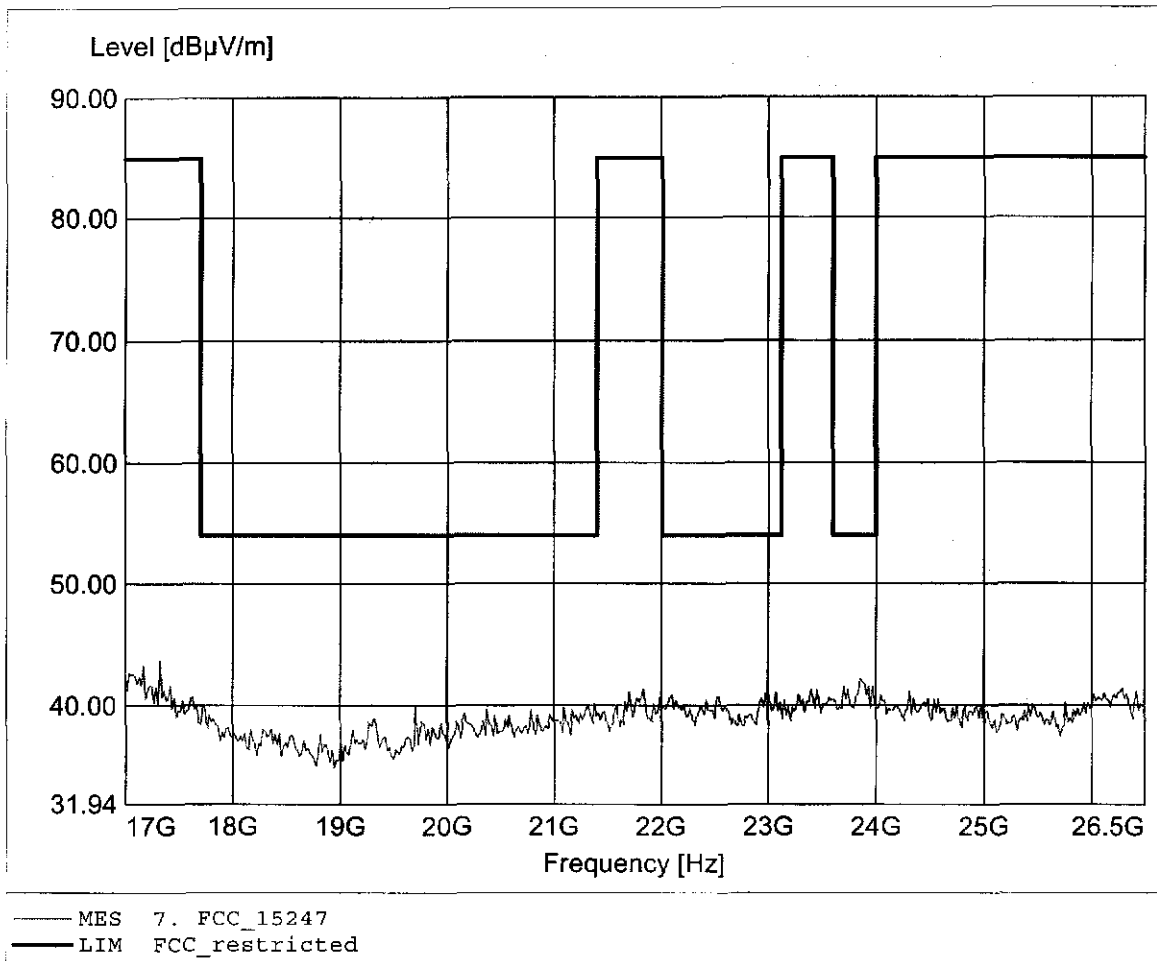
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V-  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.375GHz, Emax: 43.07dBuV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

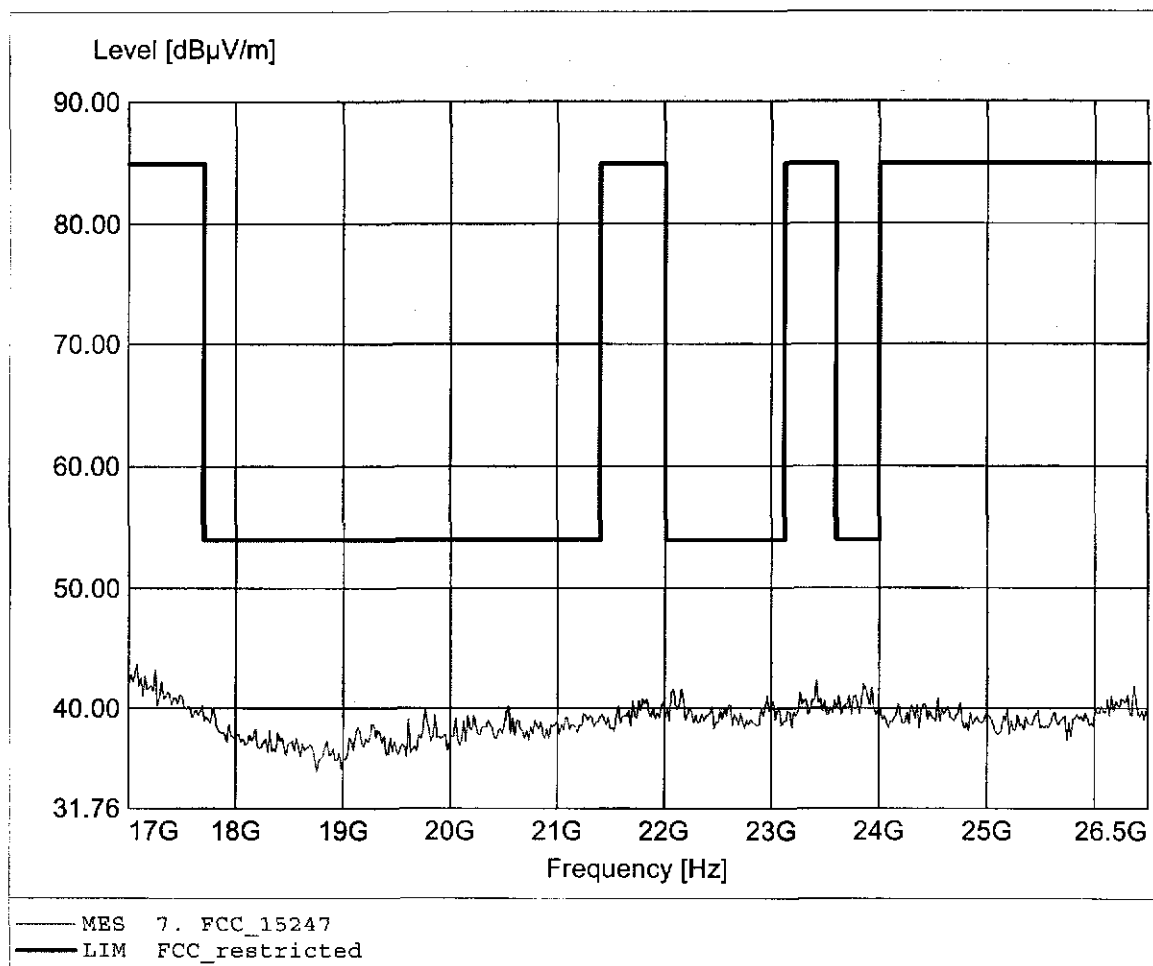
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.324GHz, Emax: 43.66dBuV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

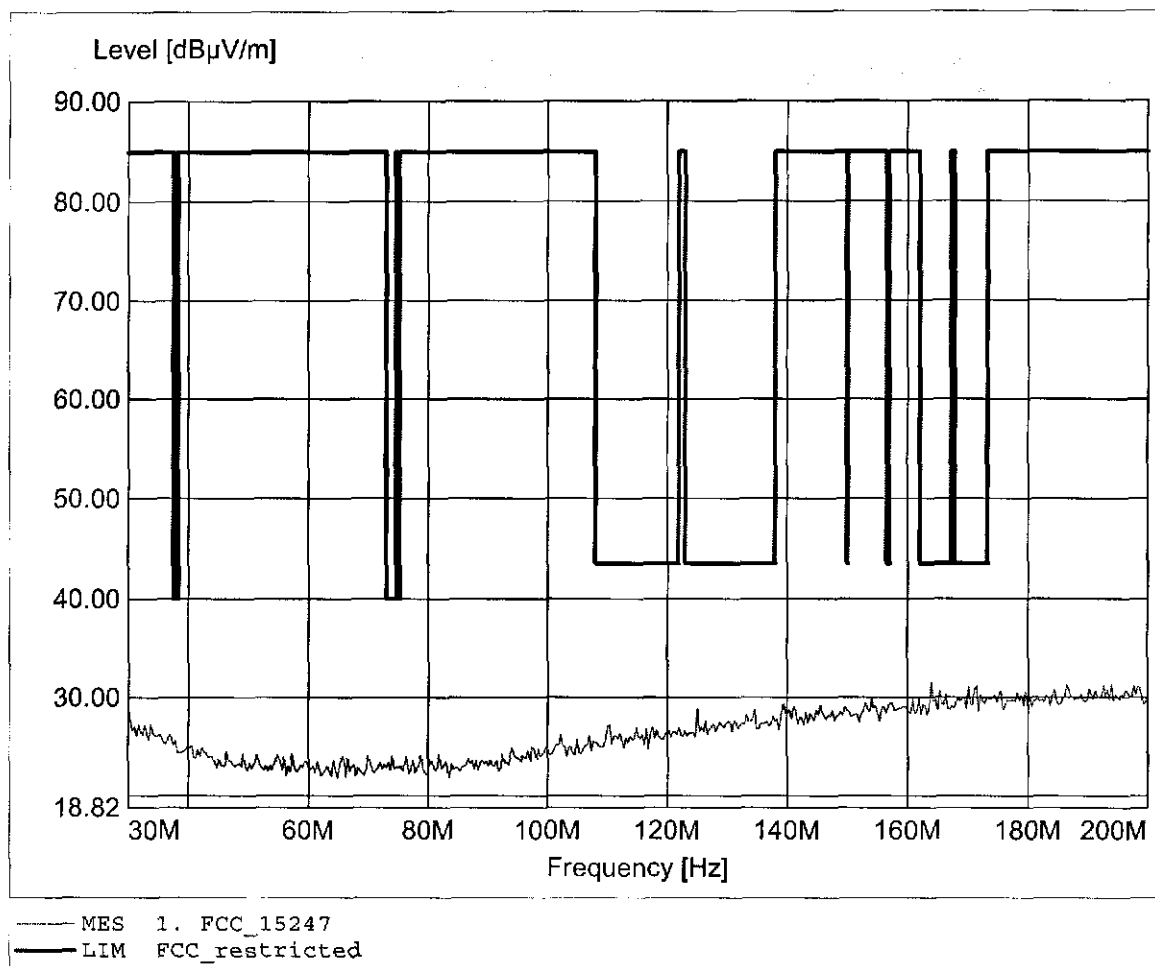
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2402 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.076GHz, Emax: 43.73dBuV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART C

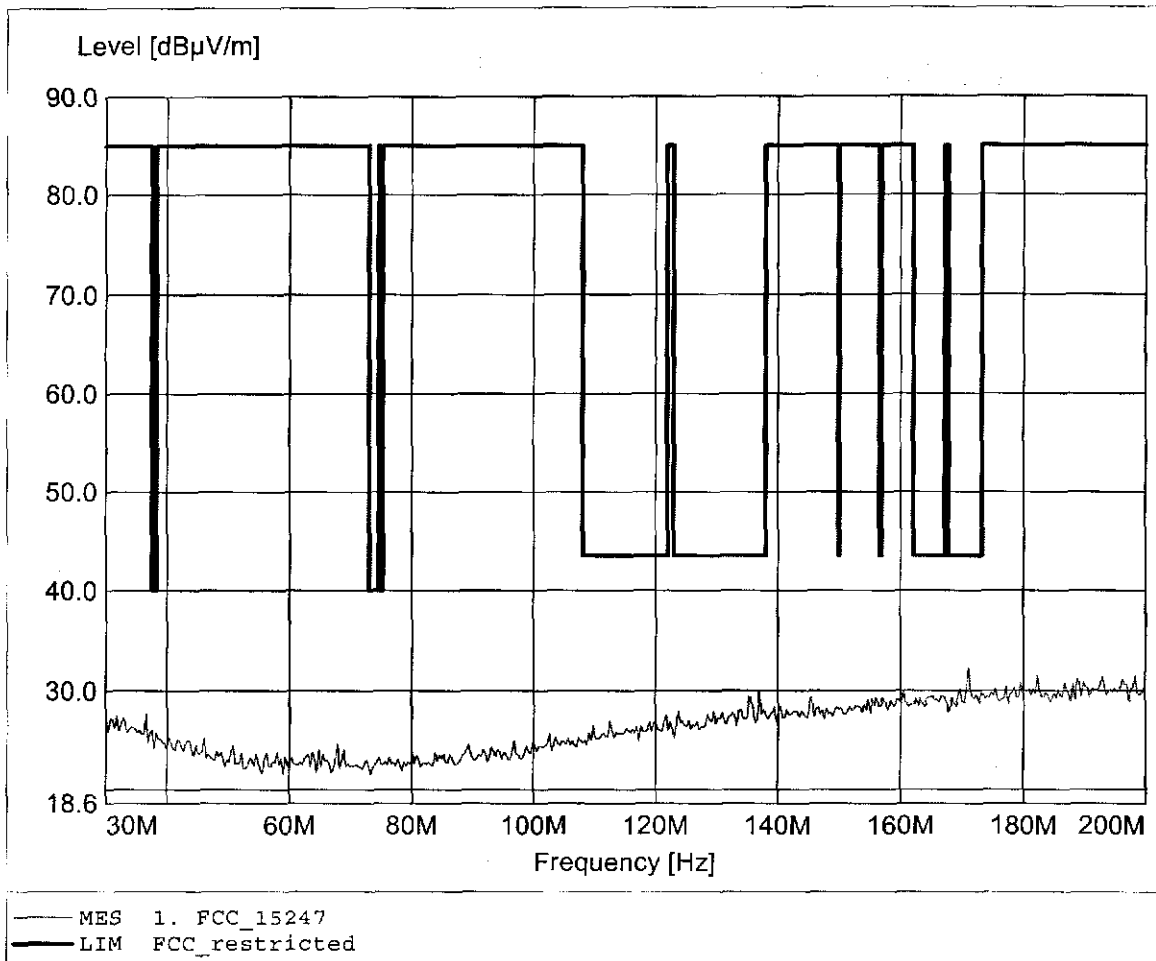
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 163.888MHz, Emax: 31.57dB $\mu$ V/m, RBW: 100kHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART C

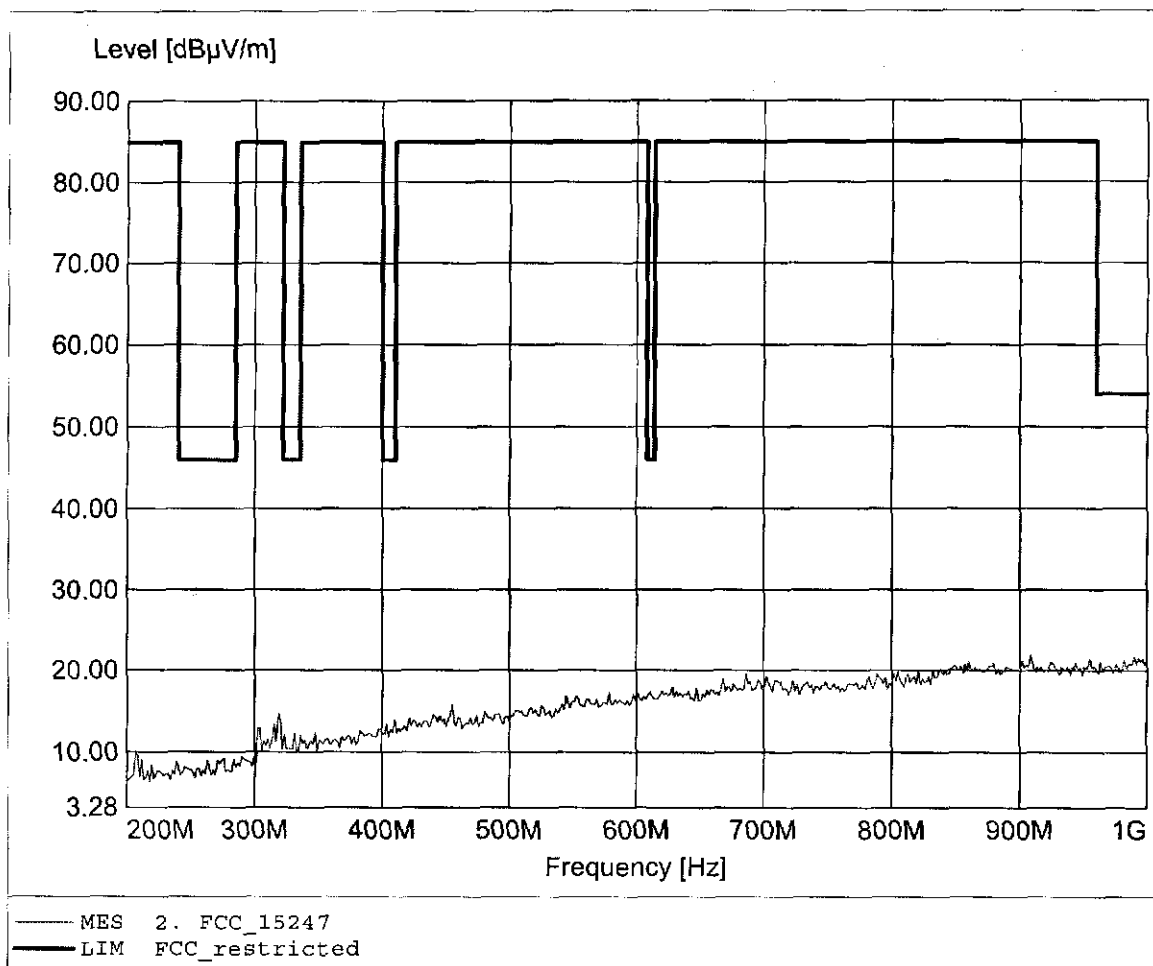
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 171.042MHz, Emax: 32.30dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V-  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 908.617MHz, Emax: 21.88dBuV/m, RBW: 100kHz

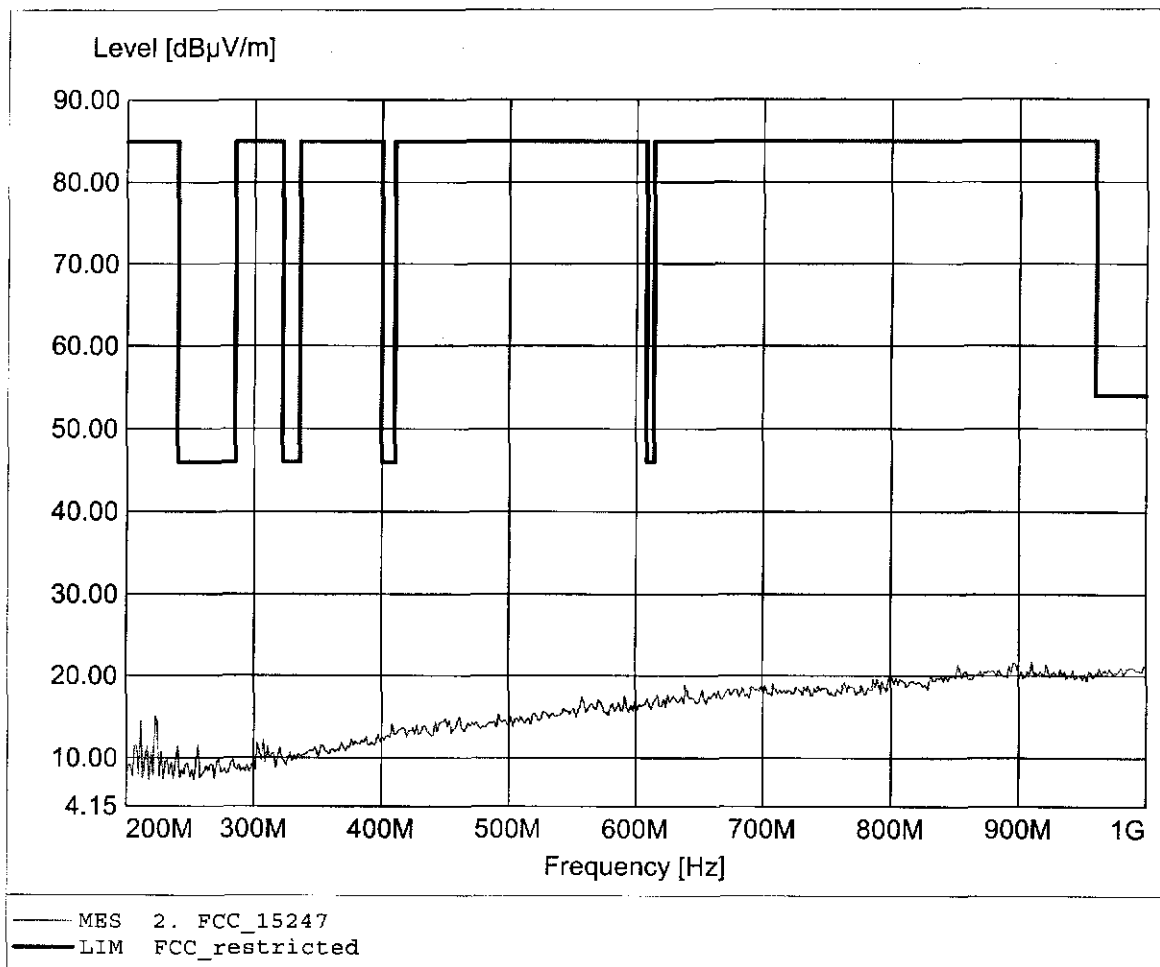




## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART C

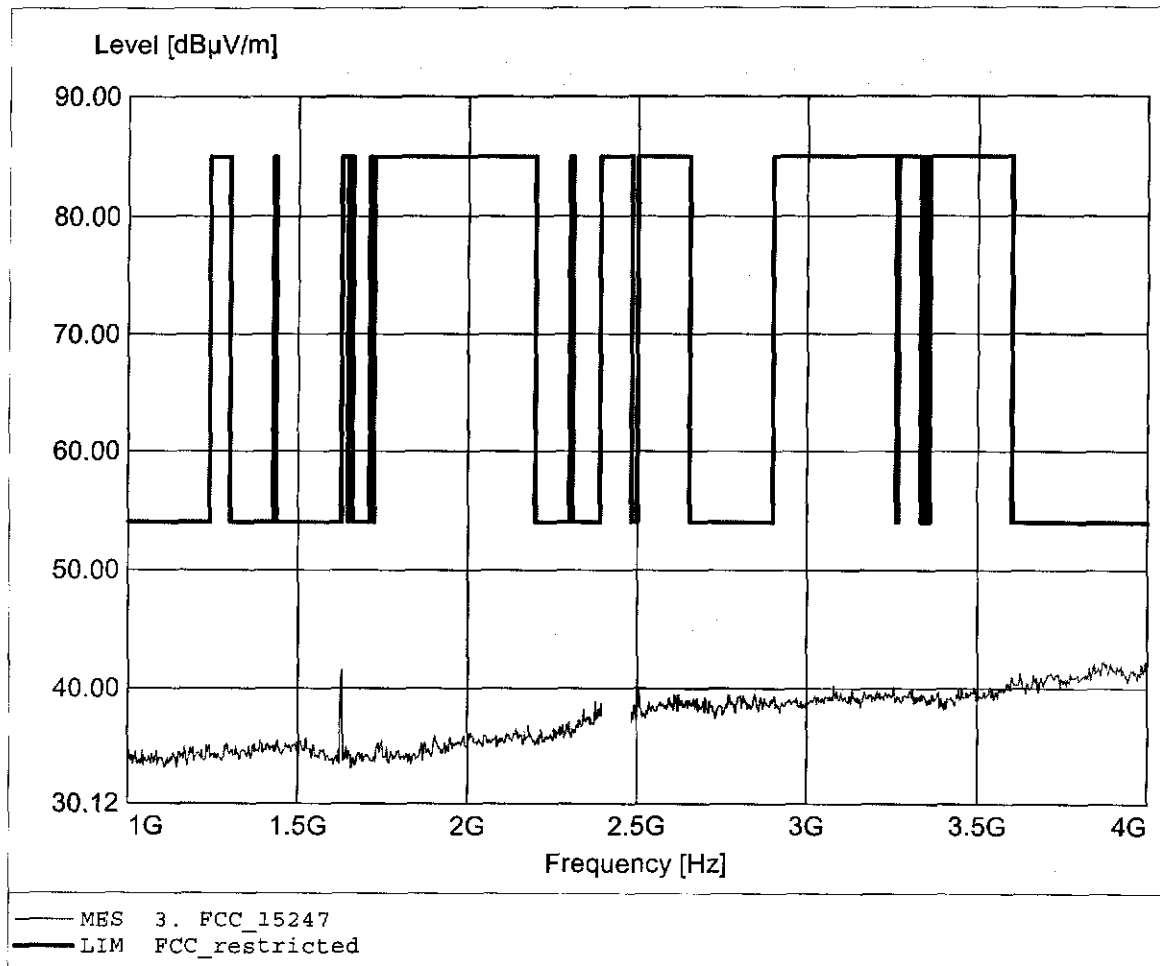
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 910.220MHz, Emax: 21.72dBuV/m, RBW: 100kHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART C

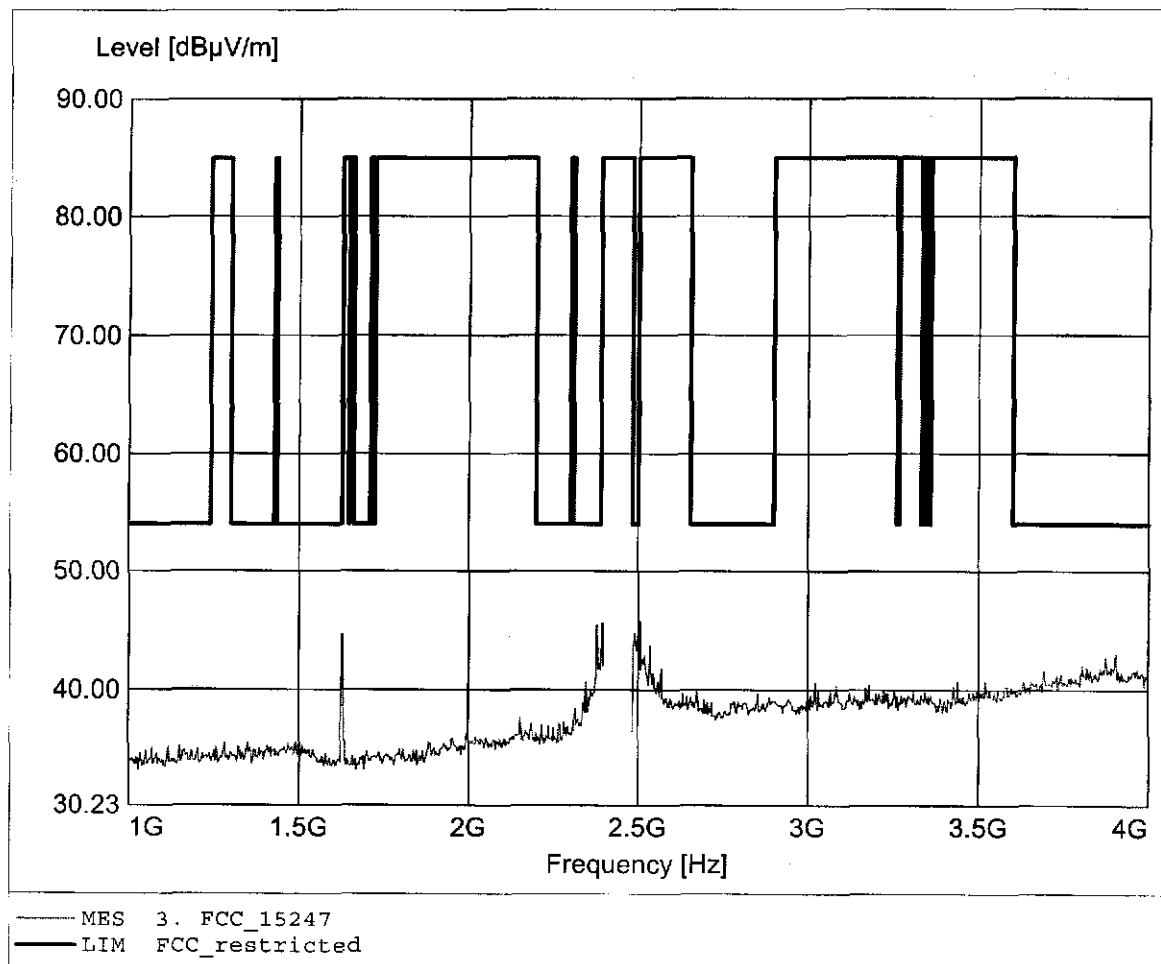
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 3.994GHz, Emax: 42.31dBuV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

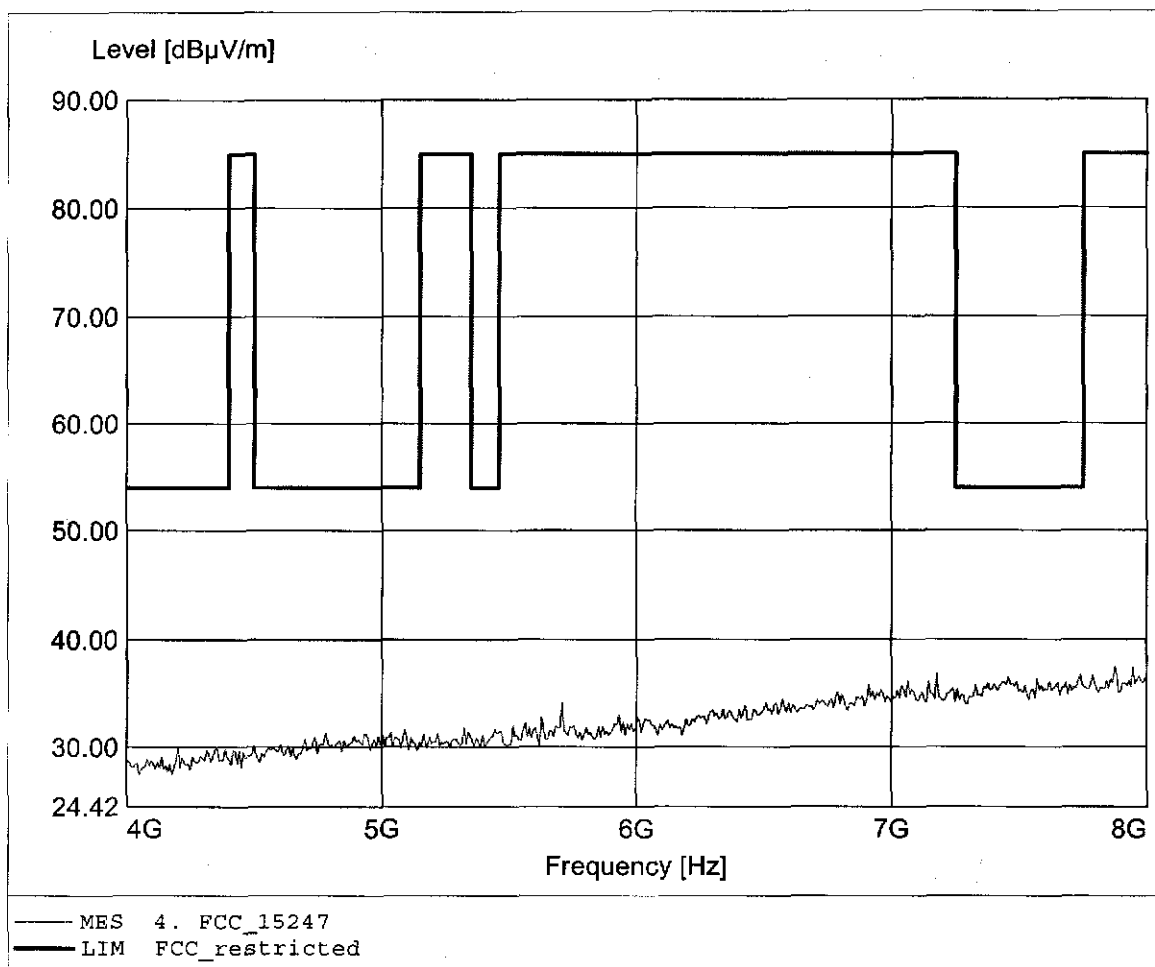
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.505GHz, Emax: 45.79dBuV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

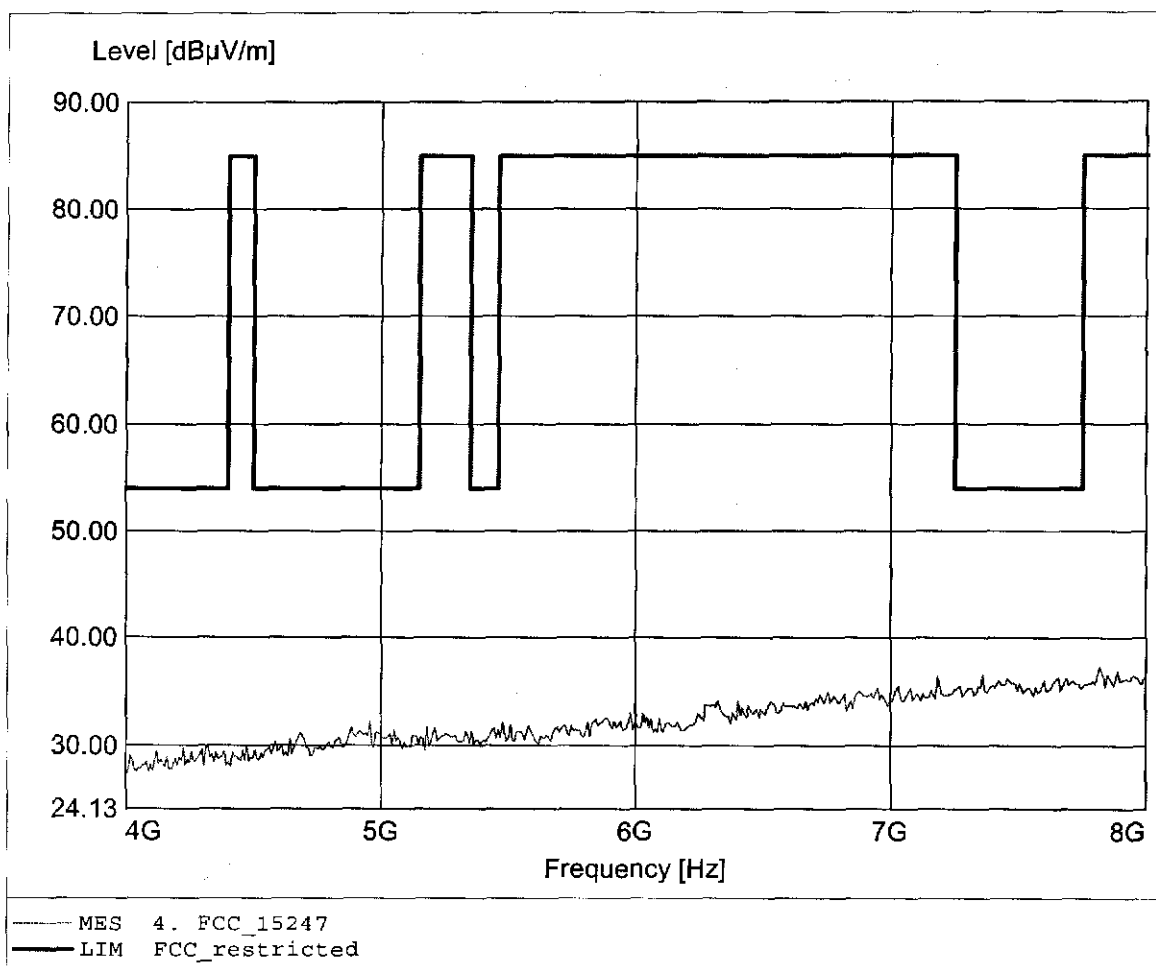
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 7.872GHz, Emax: 37.54dBuV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

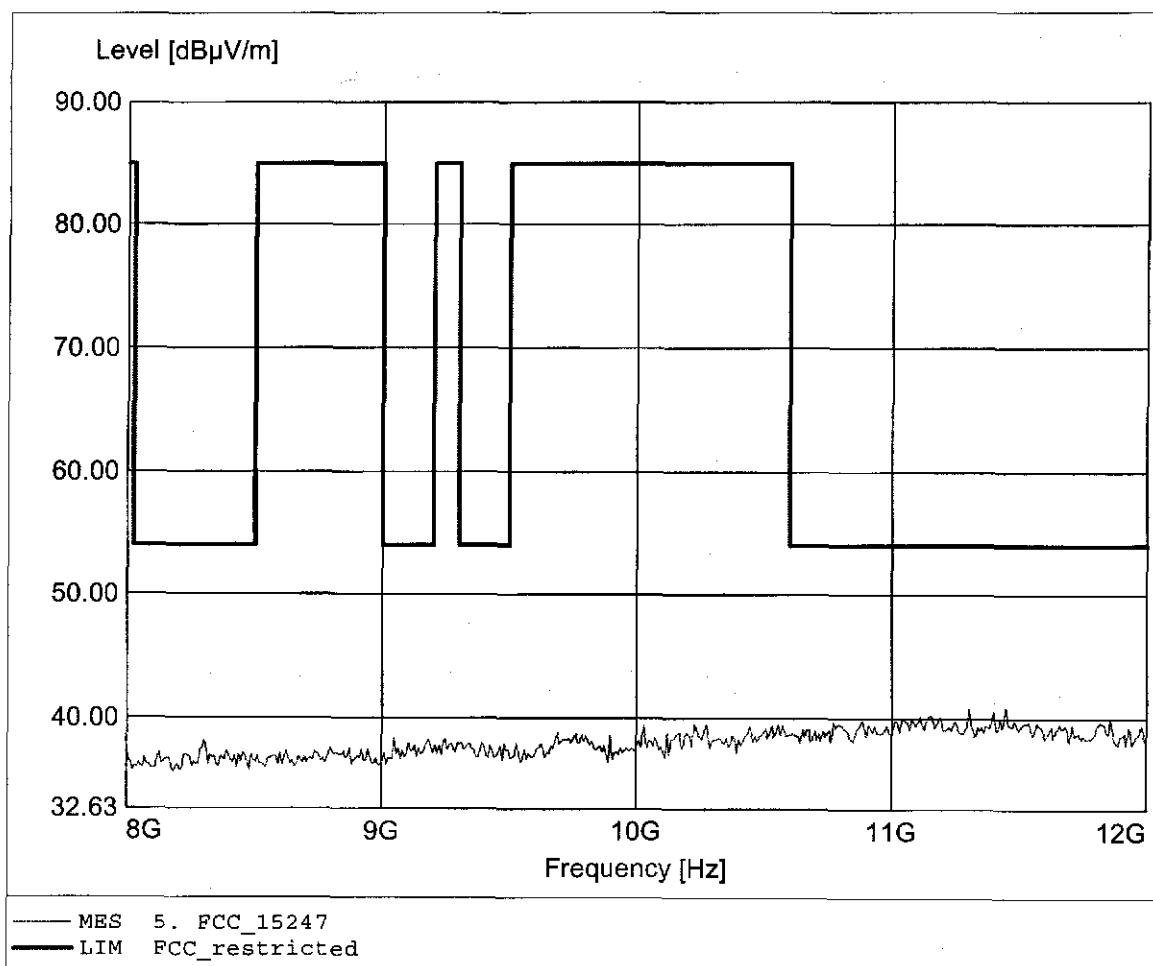
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 7.816GHz, Emax: 37.29dBuV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

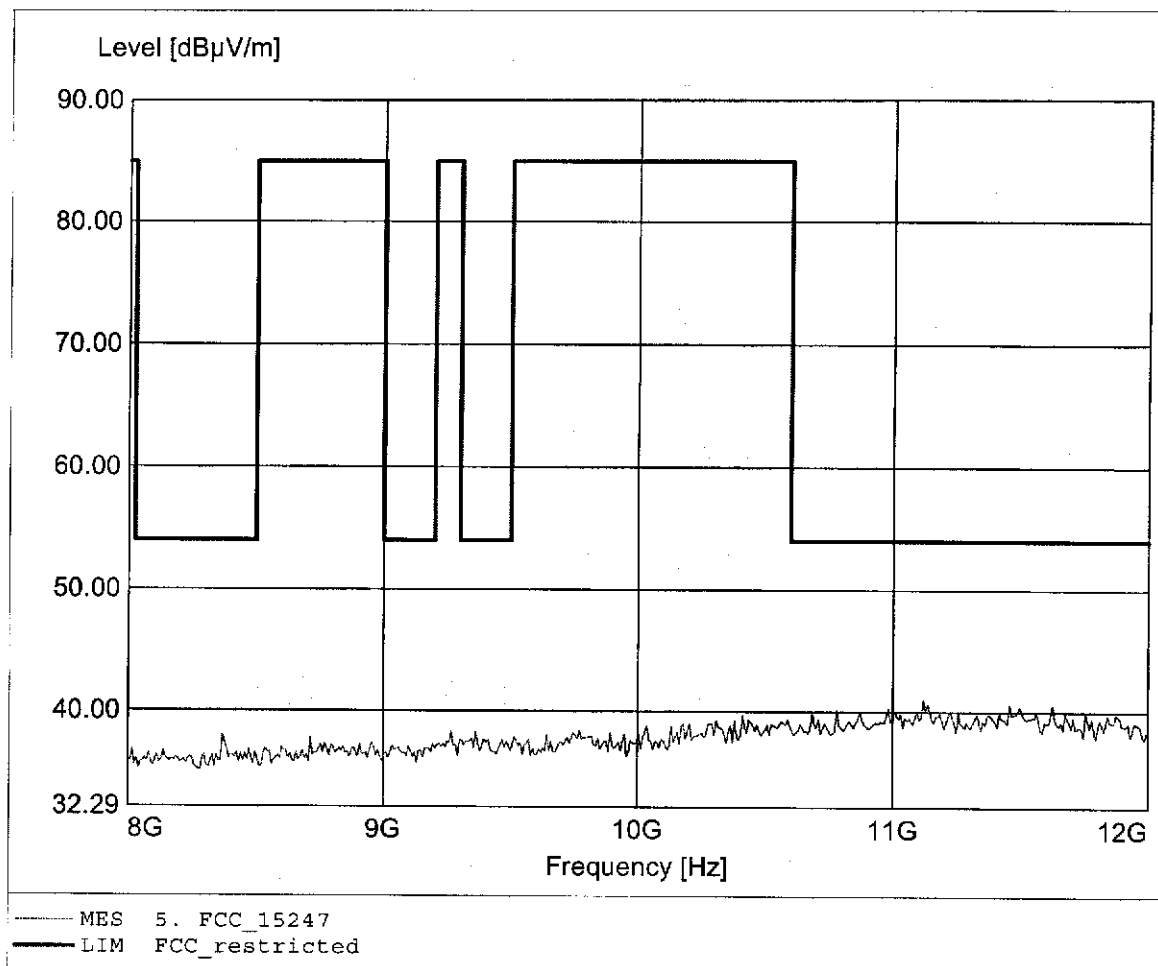
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.447GHz, Emax: 40.87dBμV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

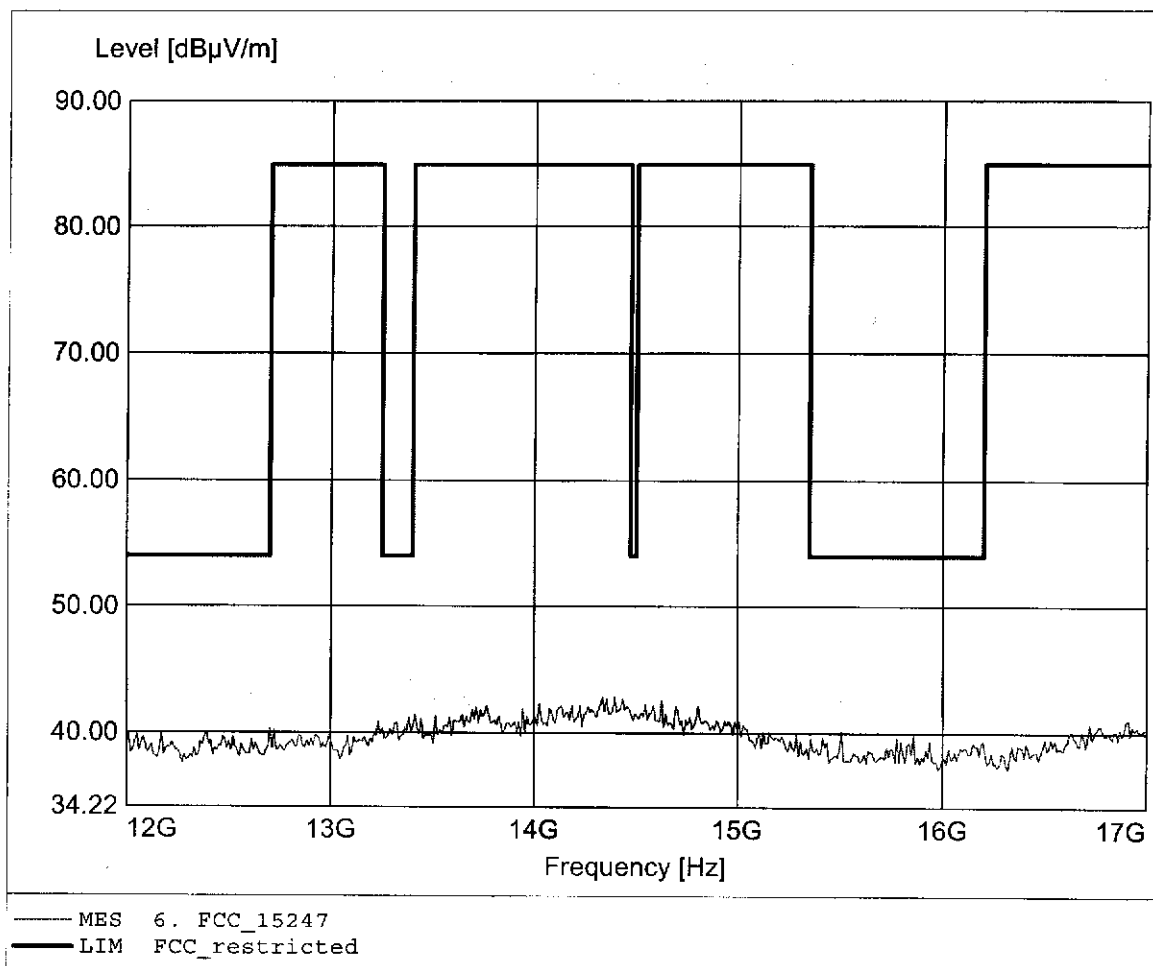
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.118GHz, Emax: 41.00dBuV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.335GHz, Emax: 42.82dBμV/m, RBW: 1MHz

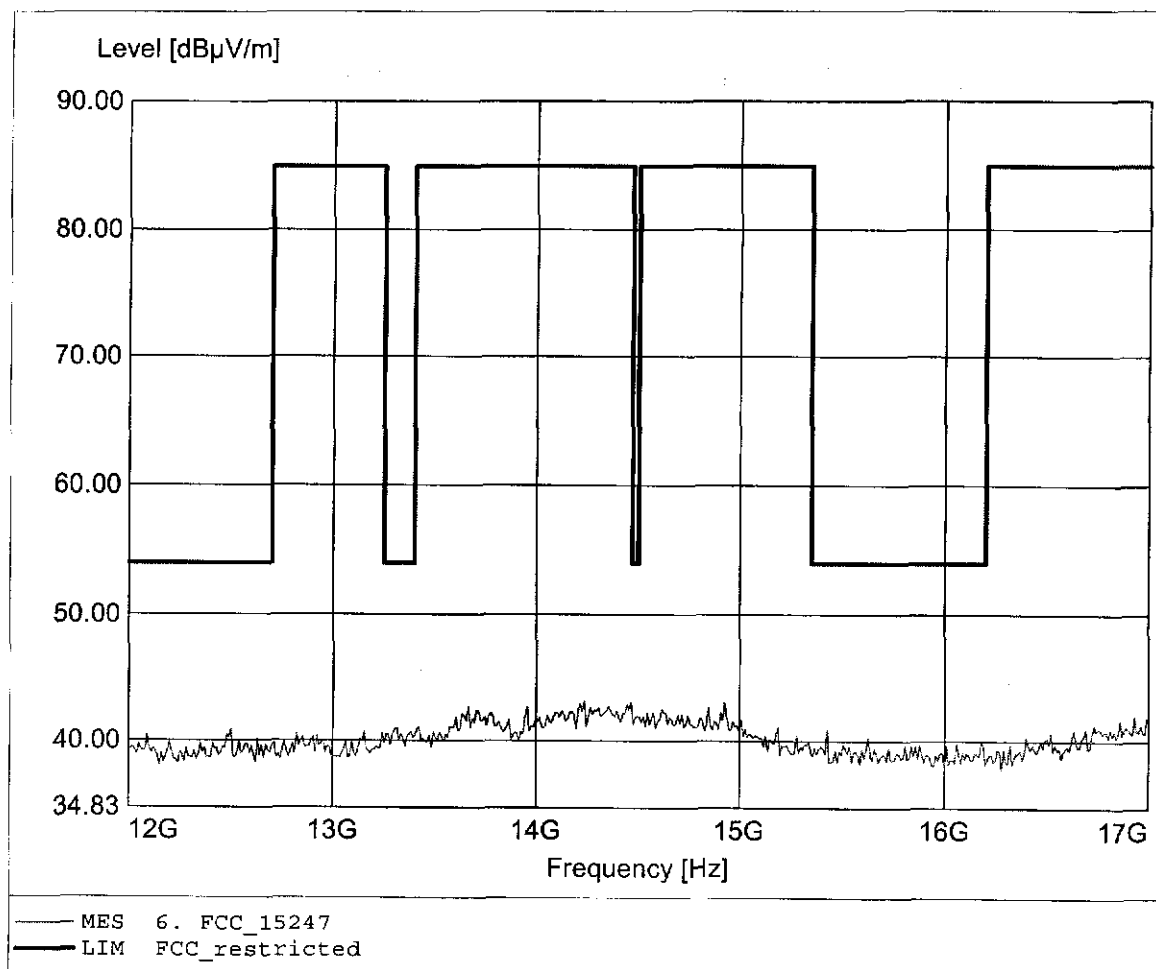




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

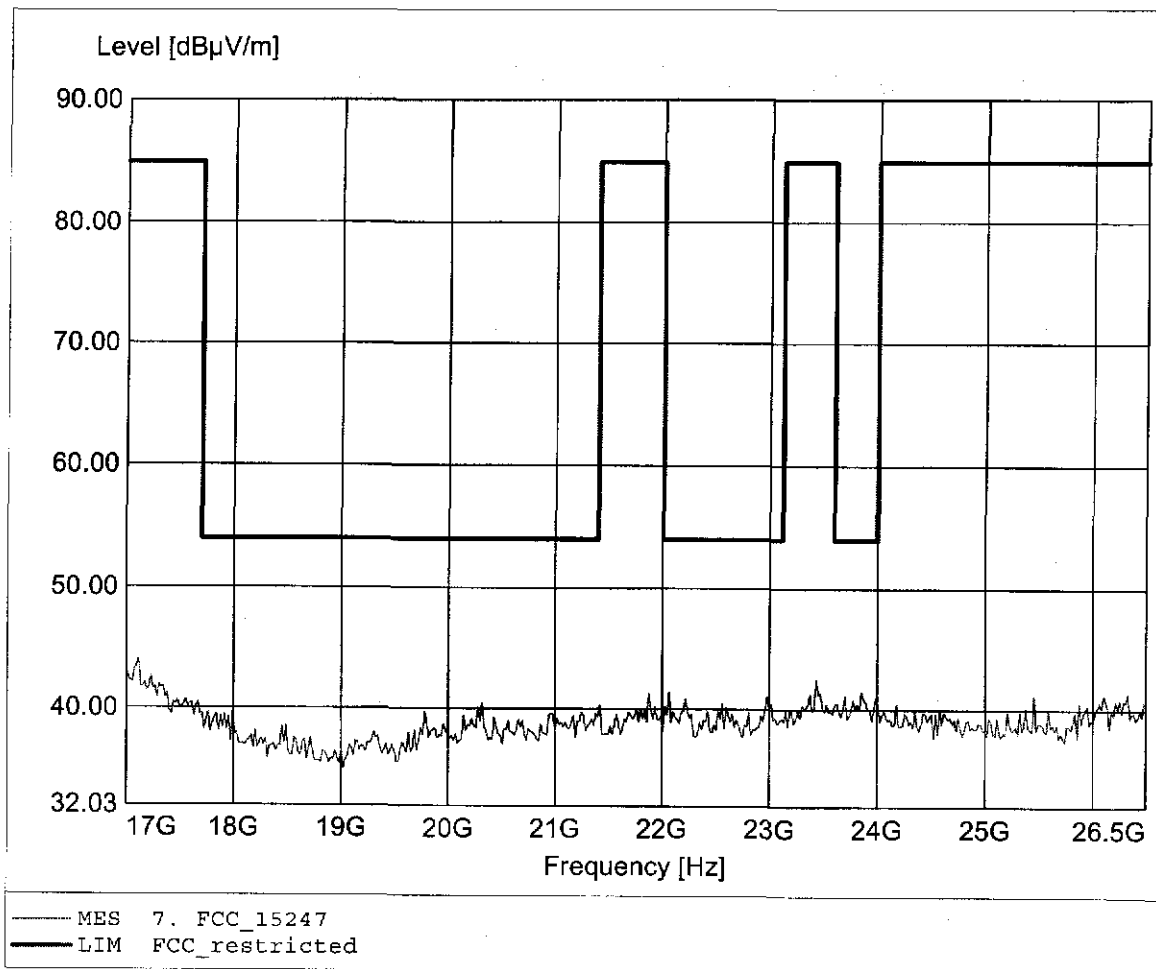
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.234GHz, Emax: 43.11dBuV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

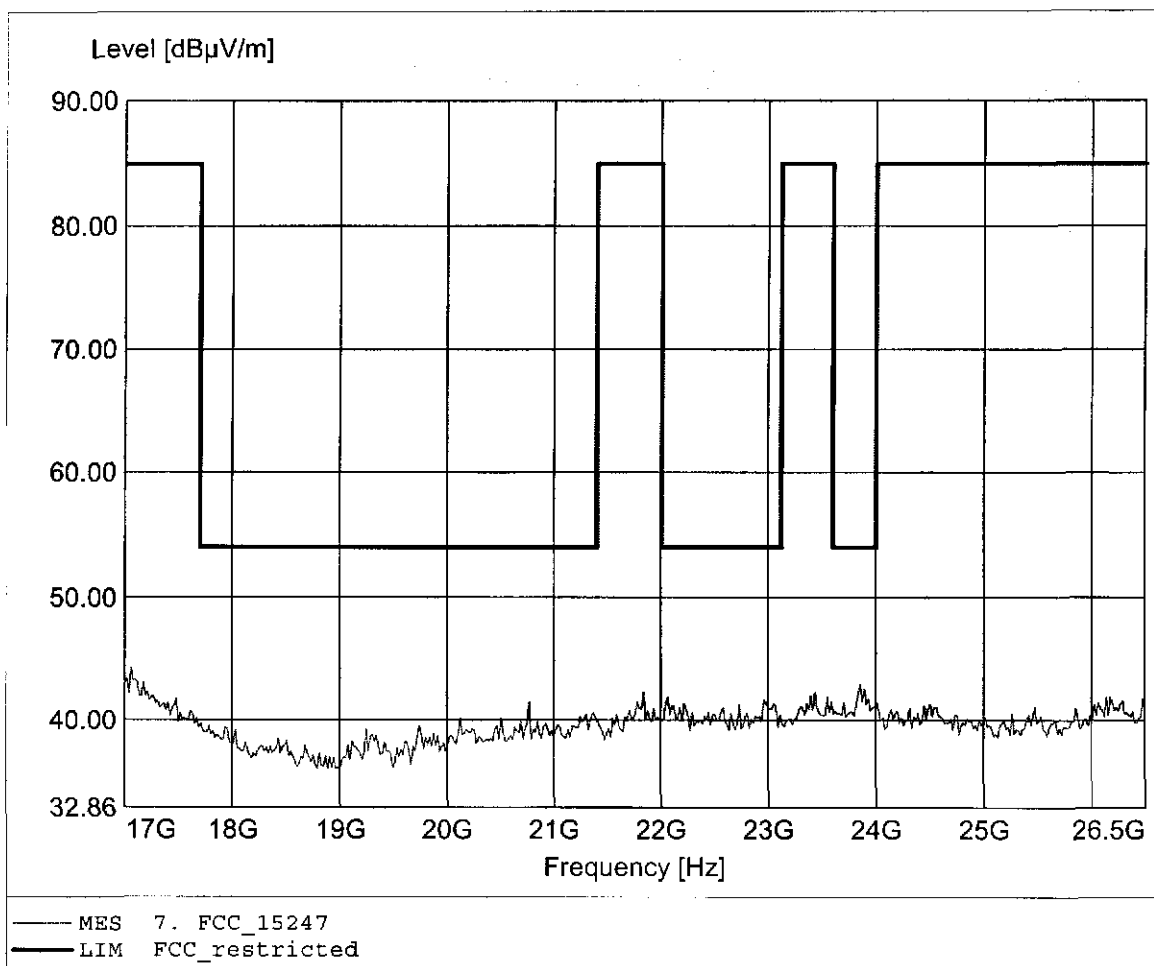
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.114GHz, Emax: 44.10dBuV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

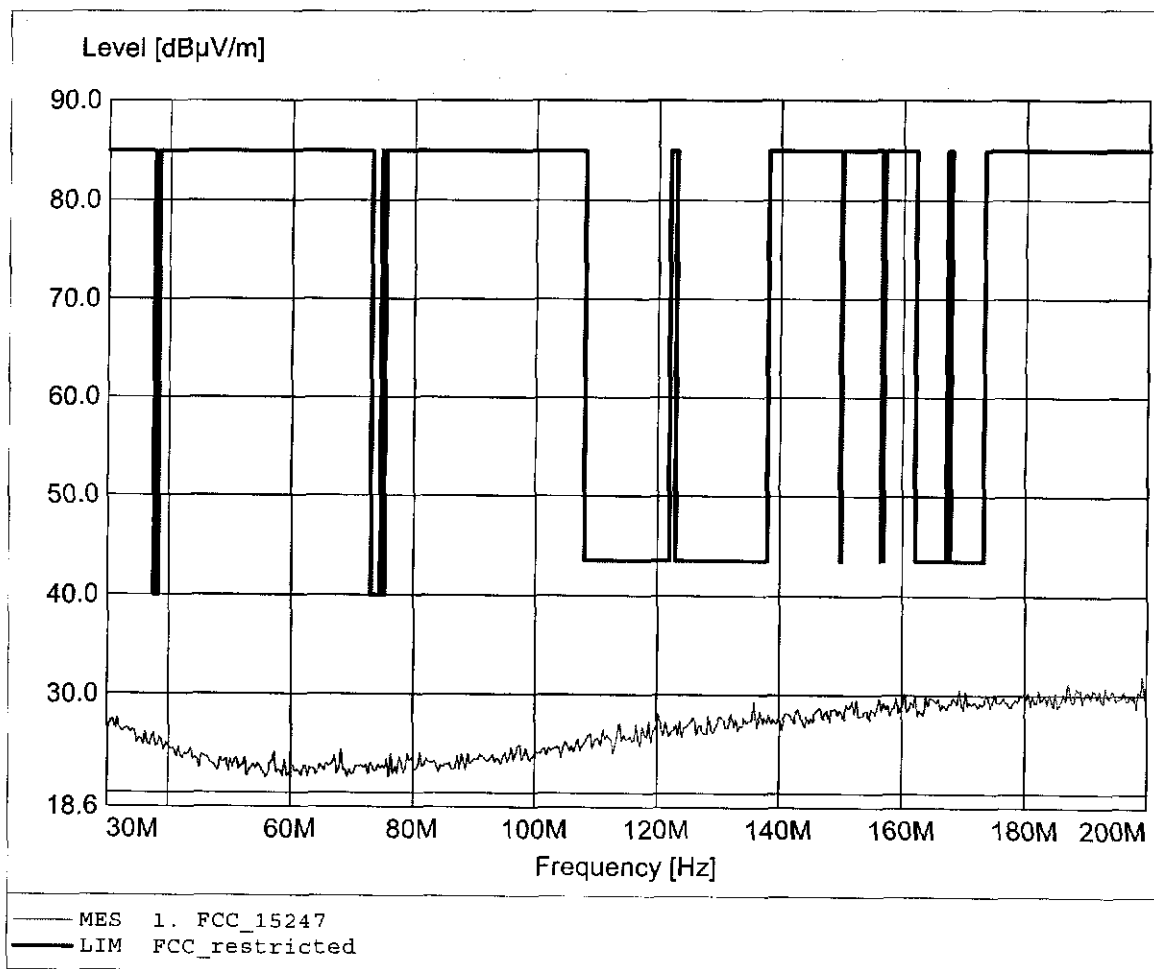
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2441 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.057GHz, Emax: 44.24dBuV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

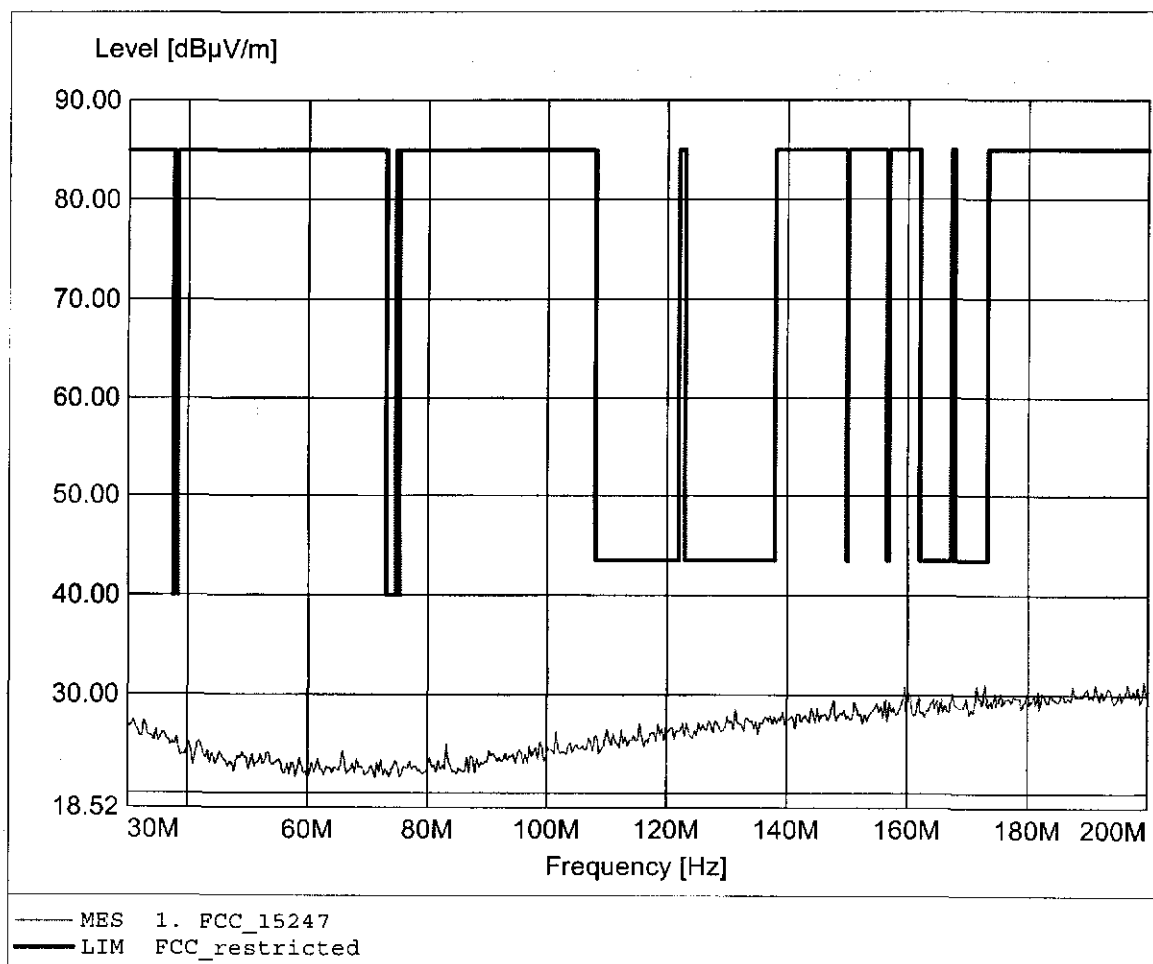
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 199.319MHz, Emax: 31.91dBuV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

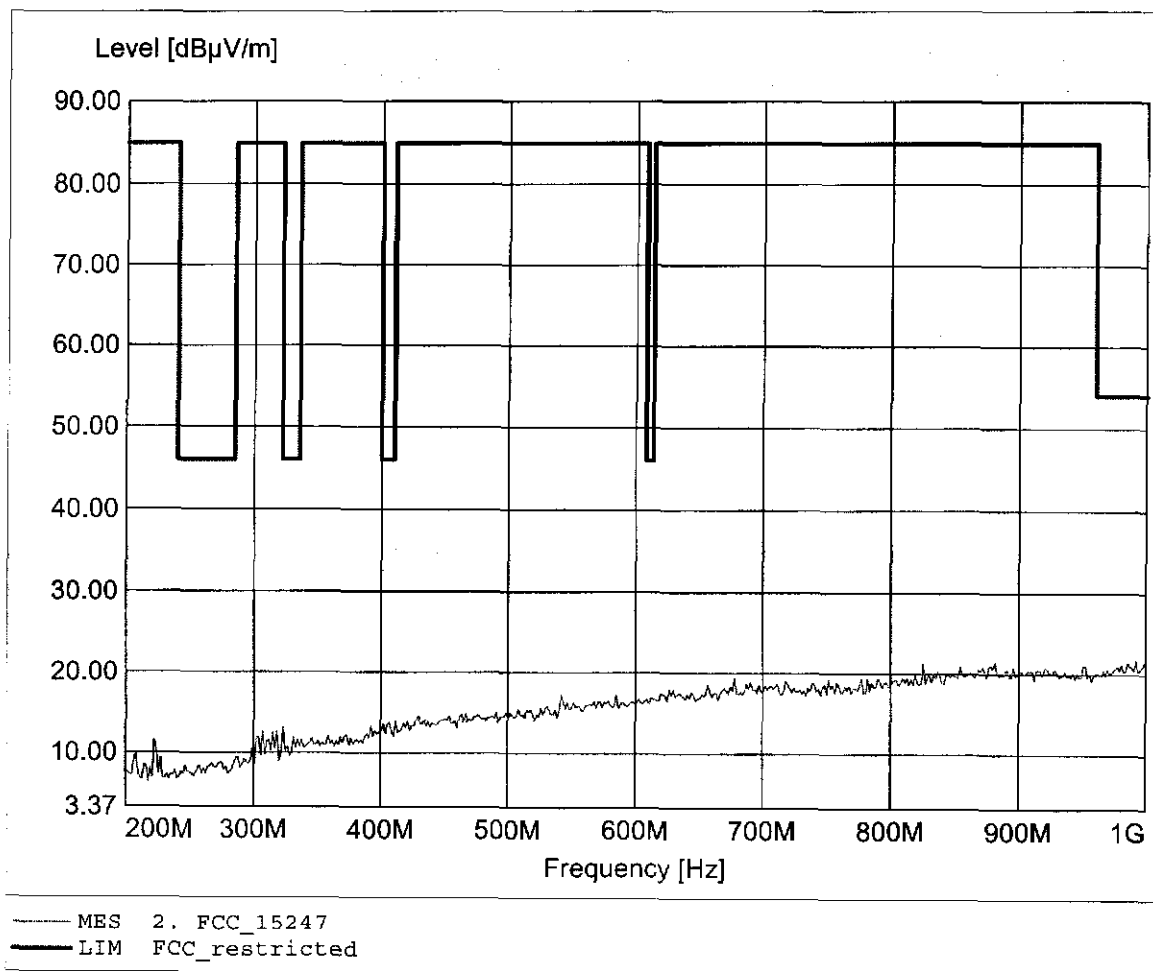
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 199.319MHz, Emax: 31.38dBuV/m, RBW: 100kHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART C

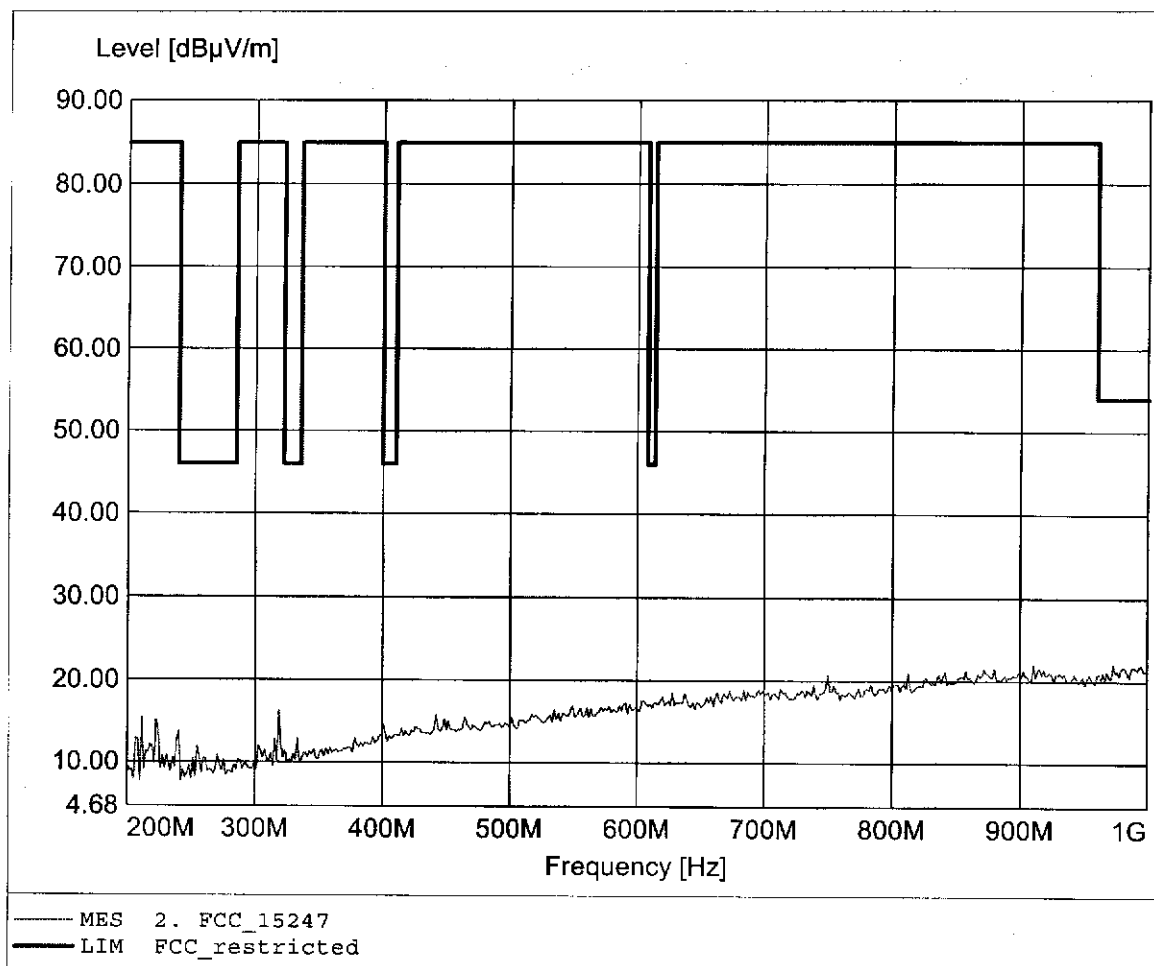
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 1.000GHz, Emax: 22.27dBuV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

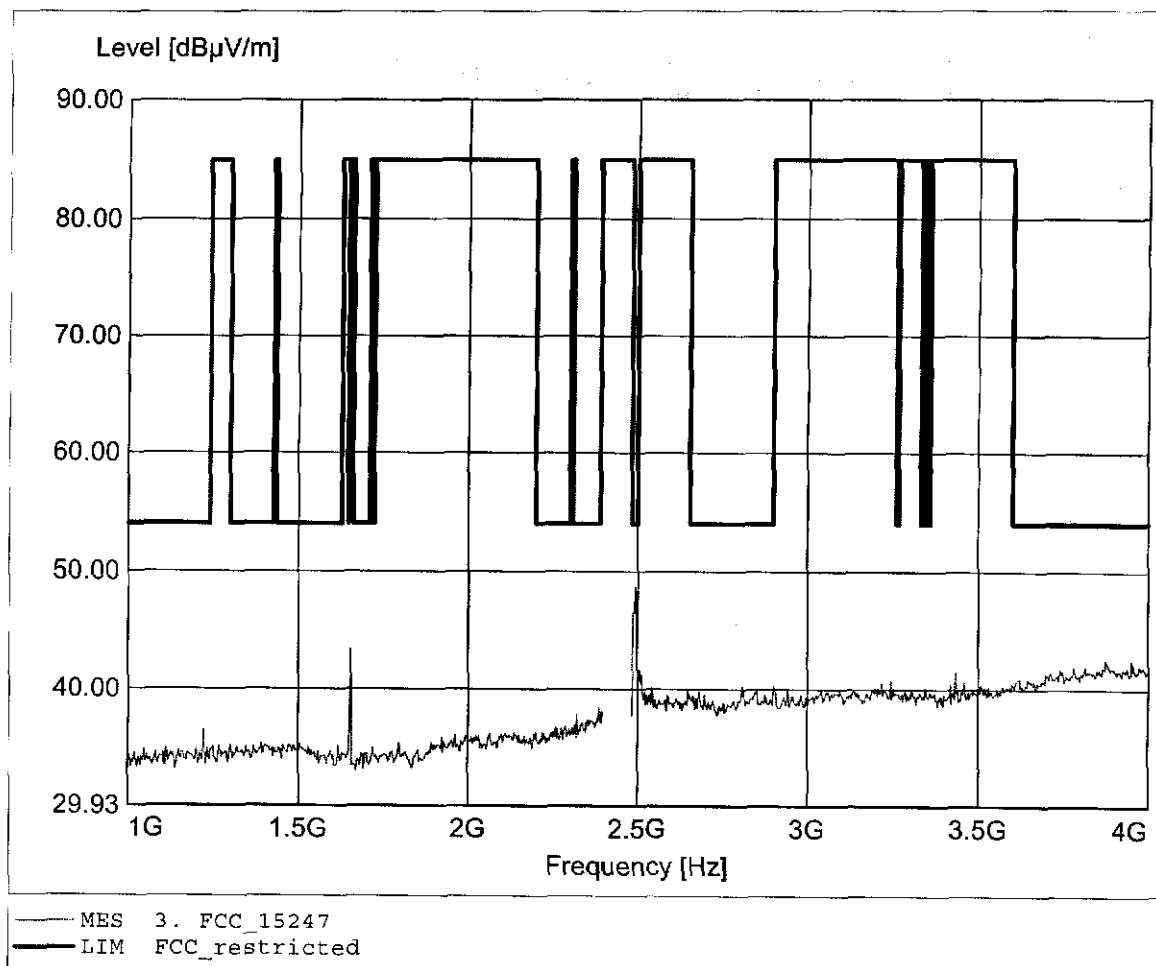
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 972.745MHz, Emax: 22.11dBuV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.493GHz, Emax: 48.71dBuV/m, RBW: 1MHz

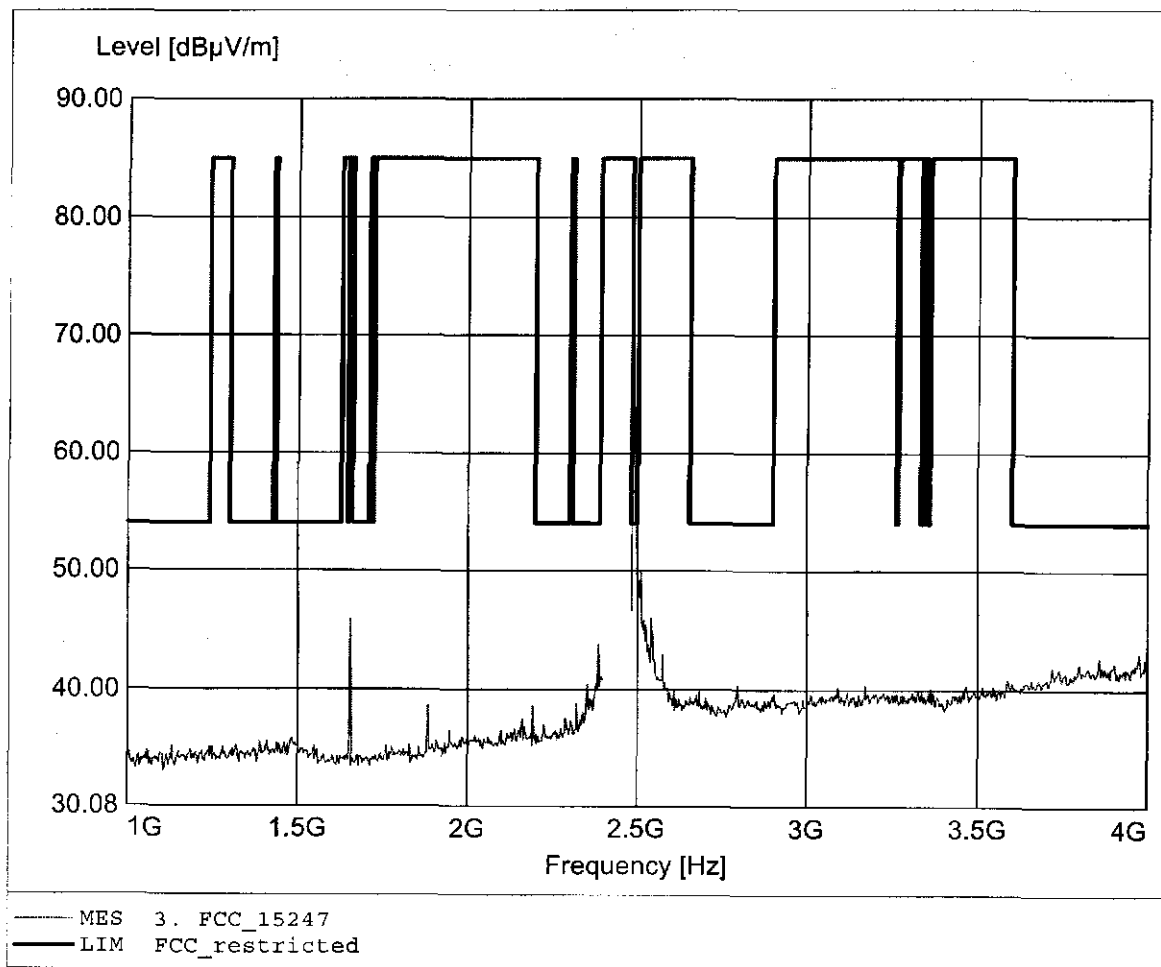




## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART C

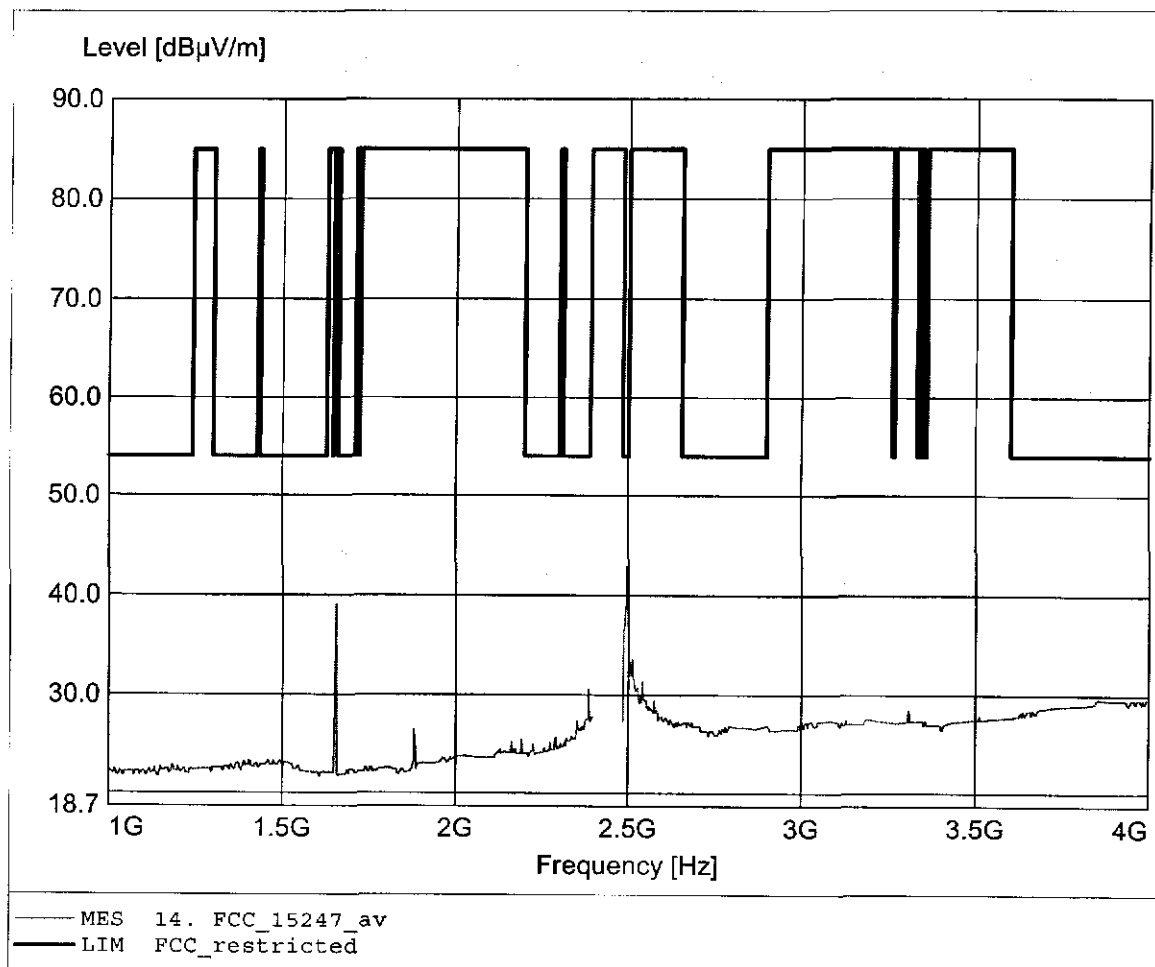
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.496GHz, Emax: 58.68dBuV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

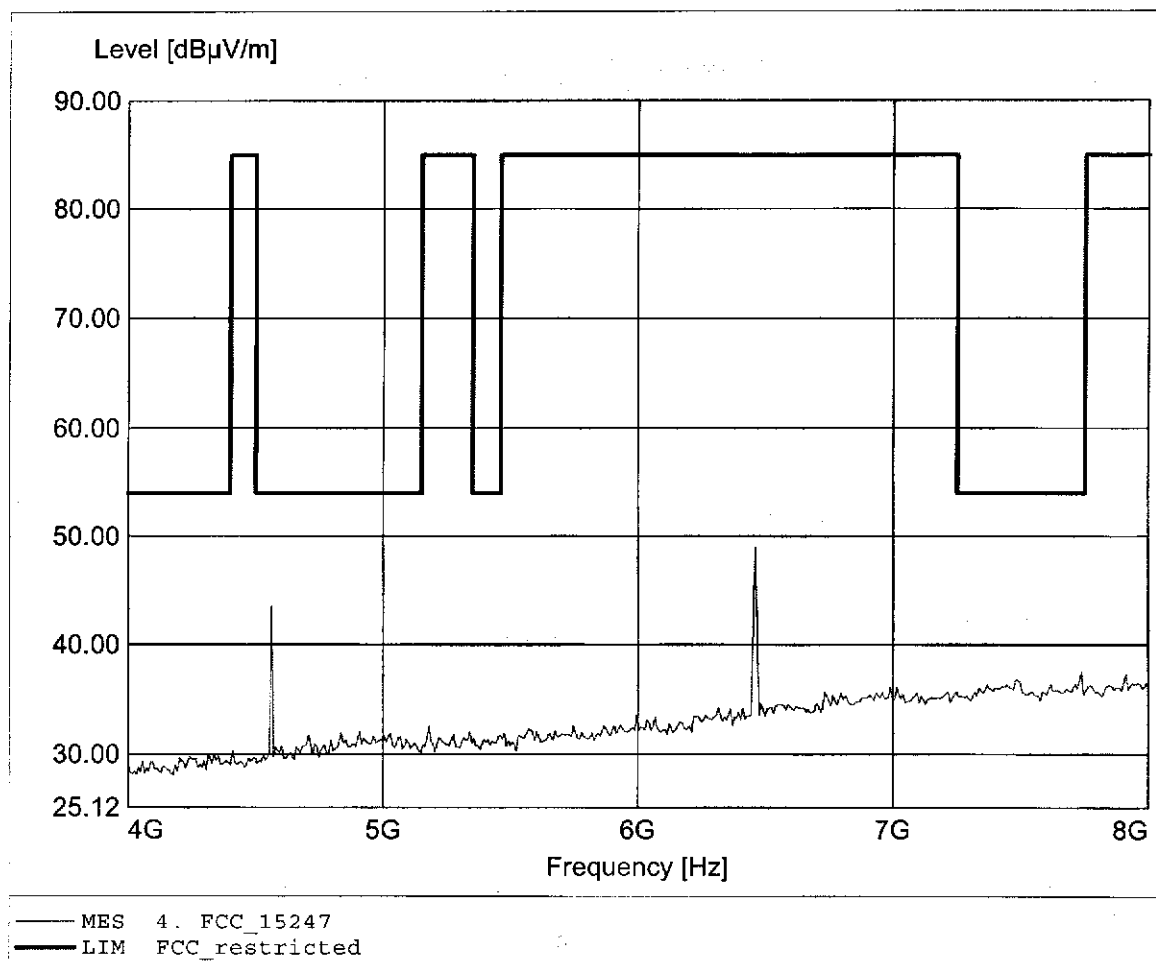
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.496GHz, Emax: 42.91dBμV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

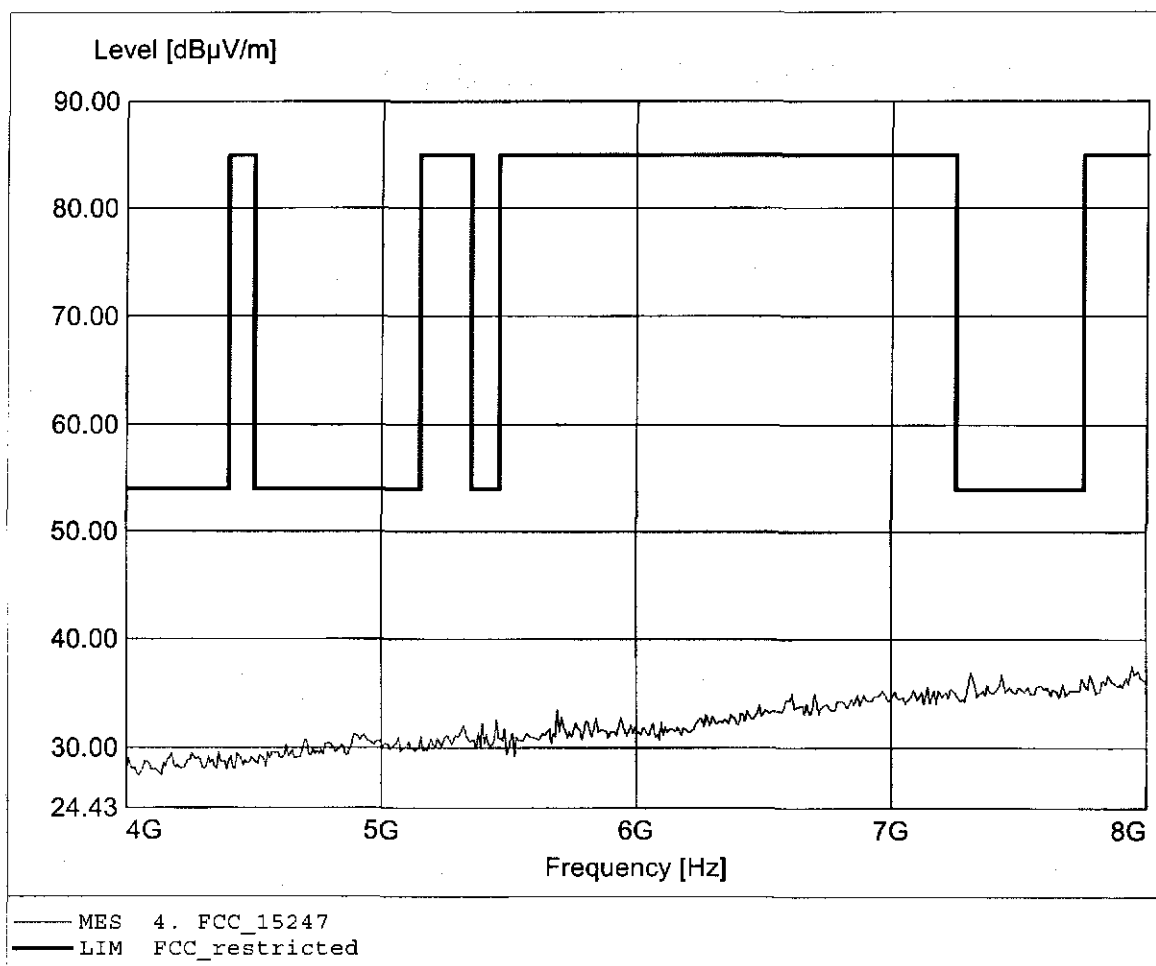
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 6.461GHz, Emax: 48.99dBμV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

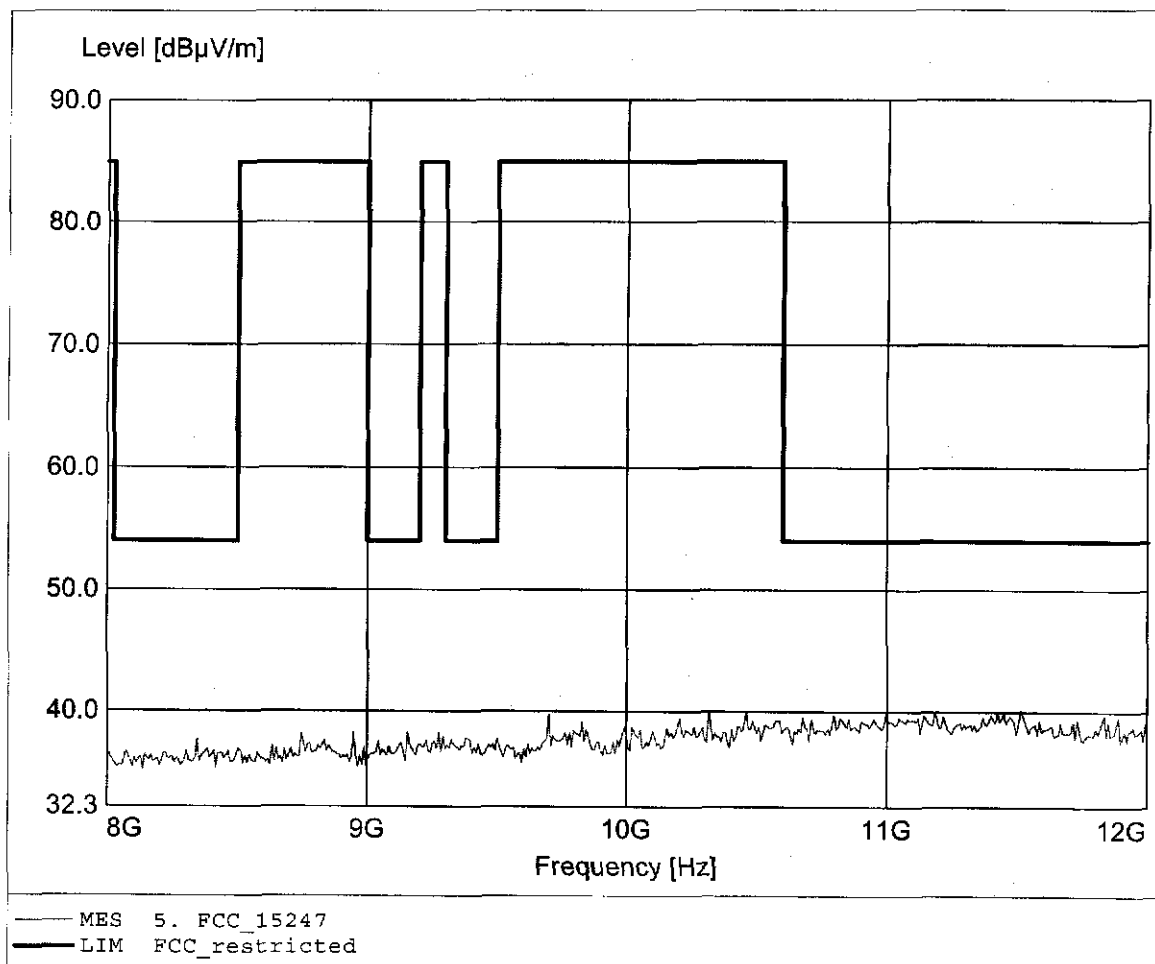
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 7.944GHz, Emax: 37.58dBμV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART C

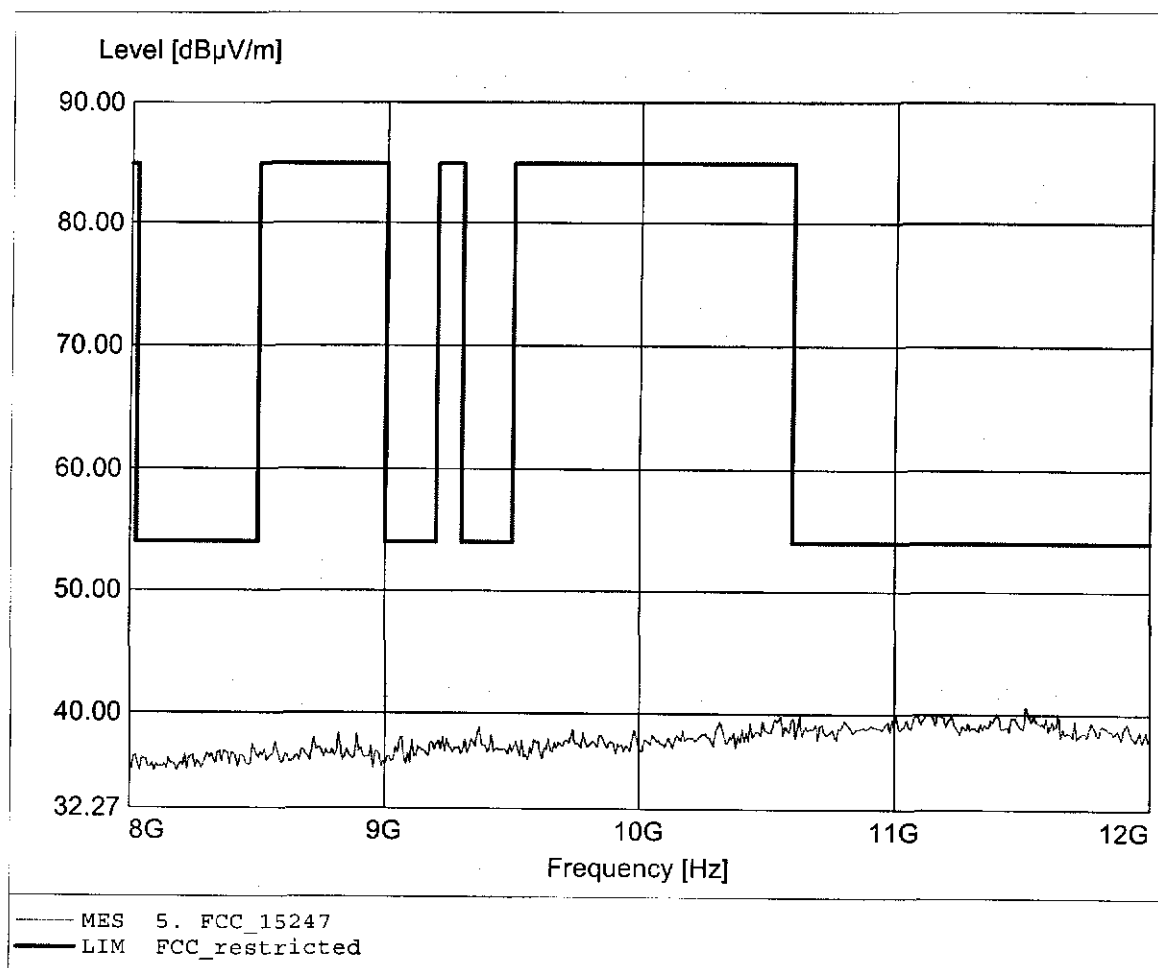
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.511GHz, Emax: 40.14dBuV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

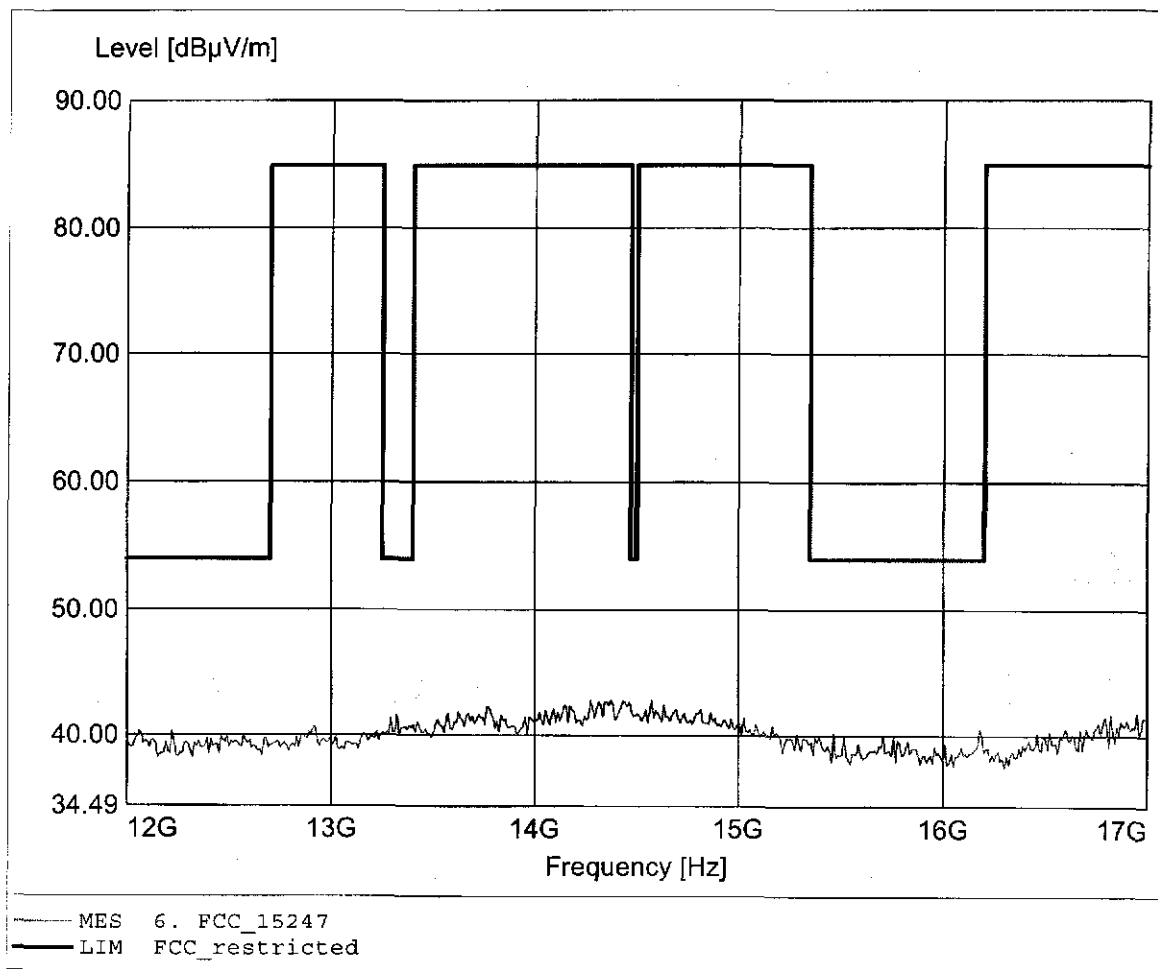
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.511GHz, Emax: 40.56dBμV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

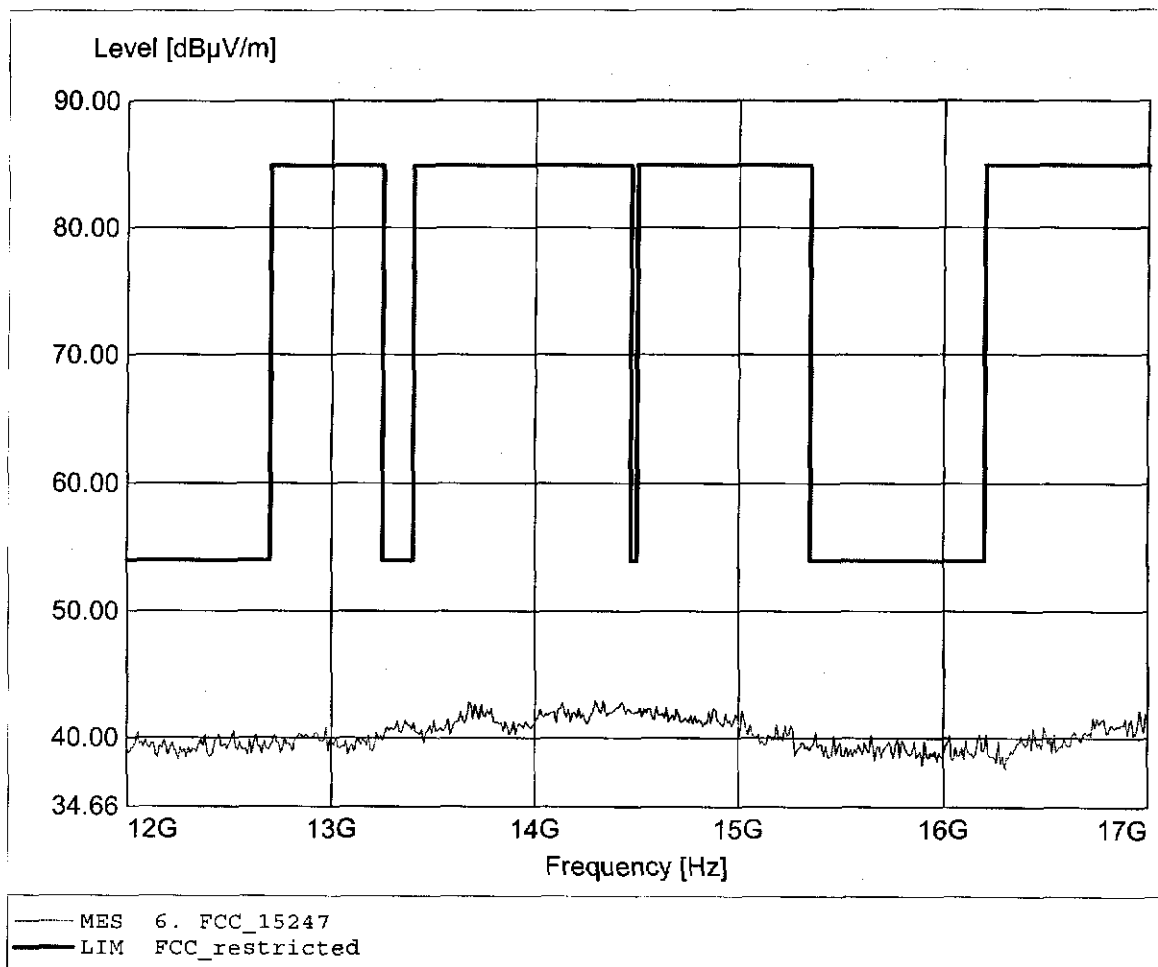
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.275GHz, Emax: 42.81dBuV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.295GHz, Emax: 42.90dBμV/m, RBW: 1MHz

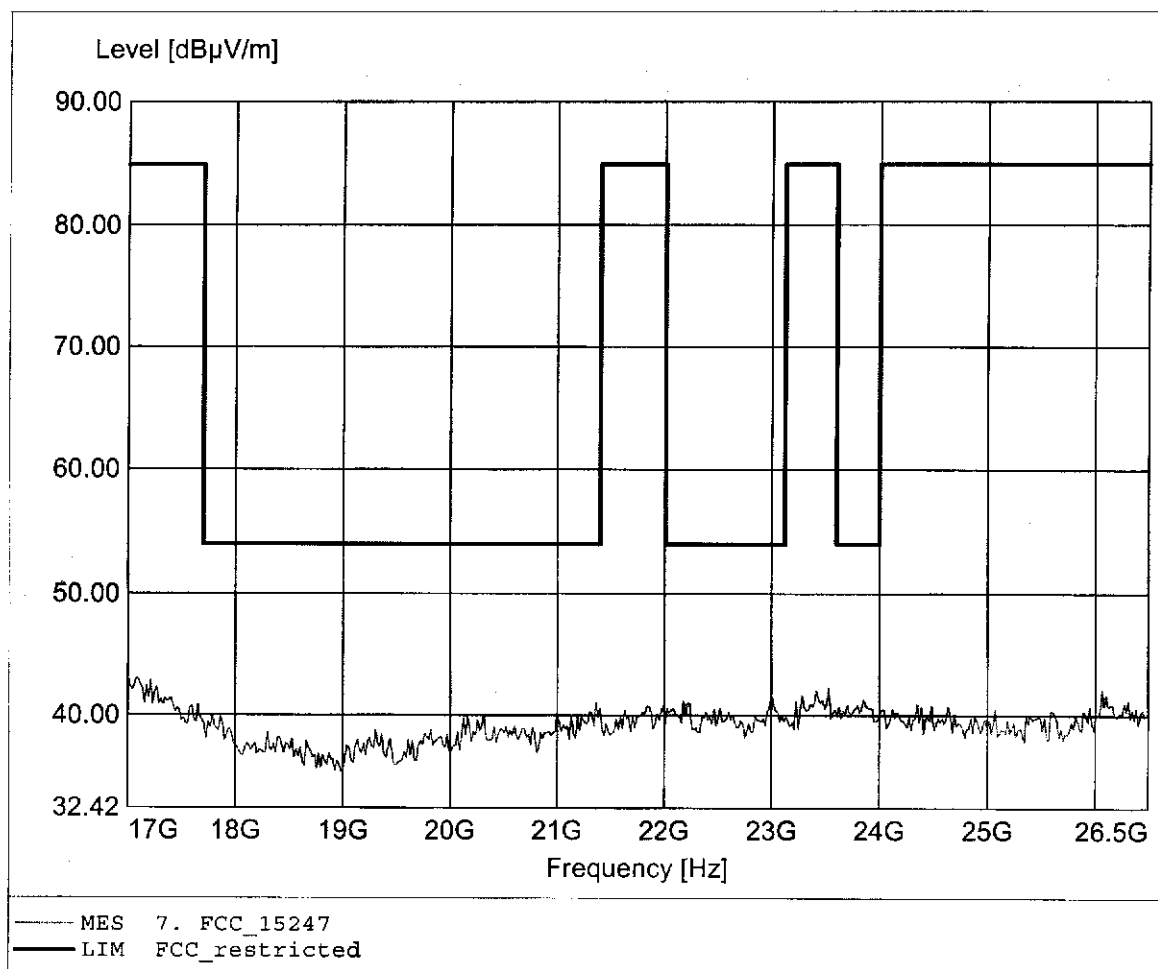




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

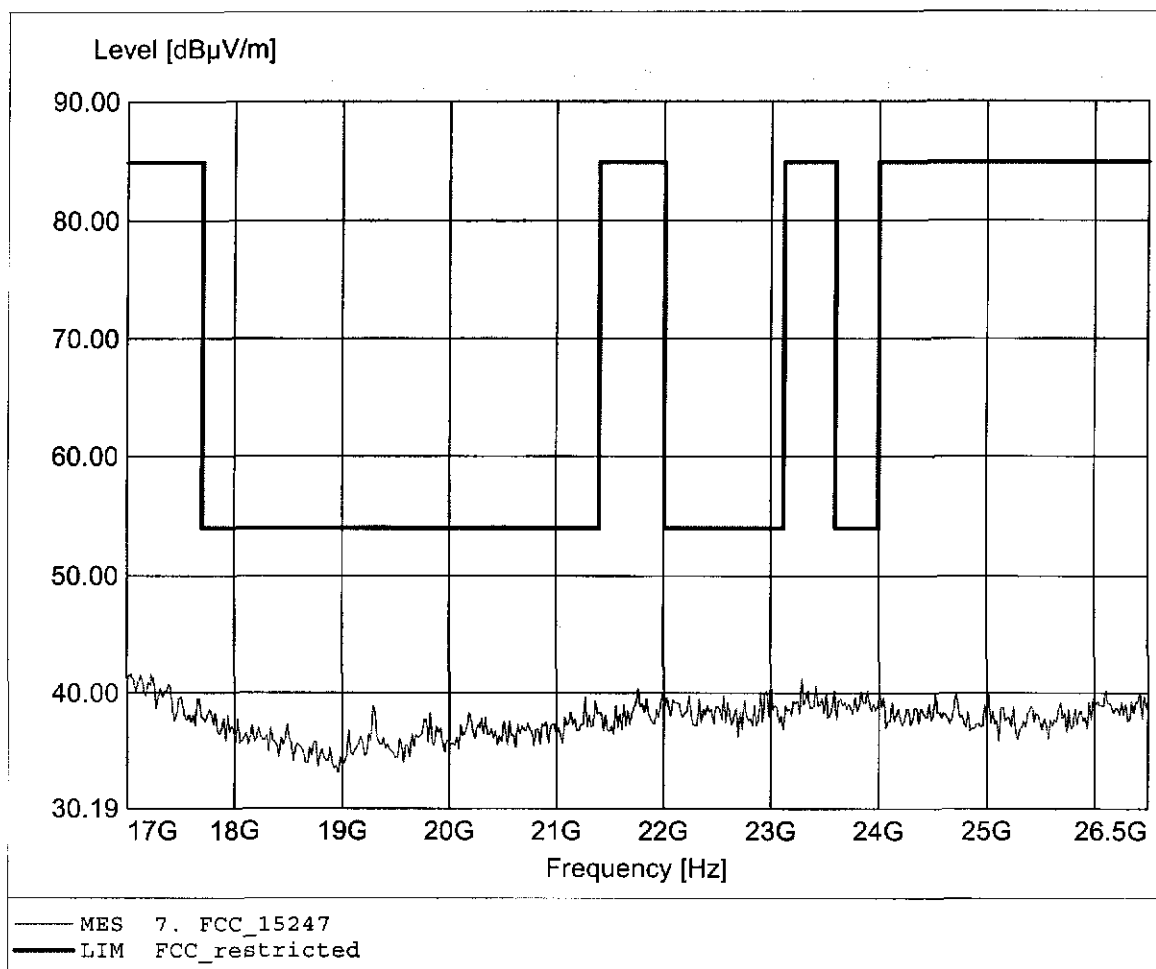
Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.000GHz, Emax: 43.05dBuV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

Approval Holder: Nokia  
EUT : Nokia Wireless Audio Gateway / Tx, 2480 MHz  
Model: AD-42W  
Test Site / Operator: ETS / Mr. Cersovsky  
Temperature/ Voltage: 25°C / Unom: 120 V~  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.038GHz, Emax: 41.64dBuV/m, RBW: 1MHz



## **Appendix D**

Spurious Emissions conducted - Transmitter operating

## **Appendix E**

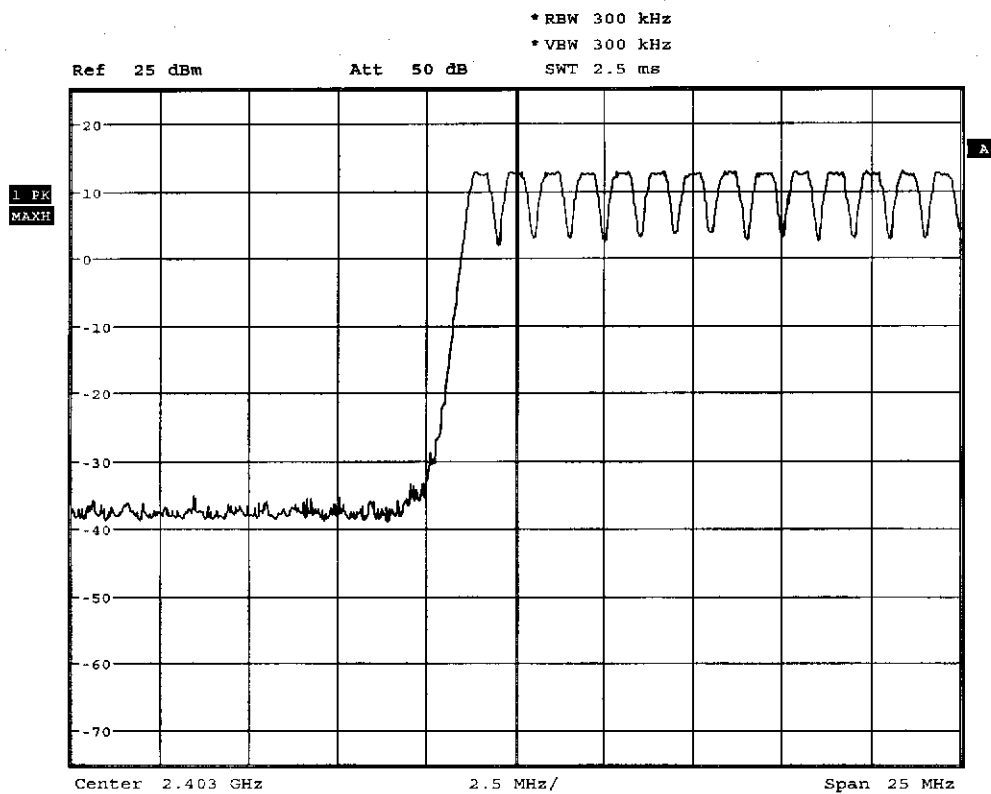
### **Carrier Frequency Separation**

## **Appendix F**

### Number of Hopping Frequencies

**FCC part 15.247****Number of hopping frequencies**

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(a)           |
| Test Case             | Number of hopping frequencies        |
| Comment 1             | Channel.: 0-13                       |
| Comment 2             |                                      |

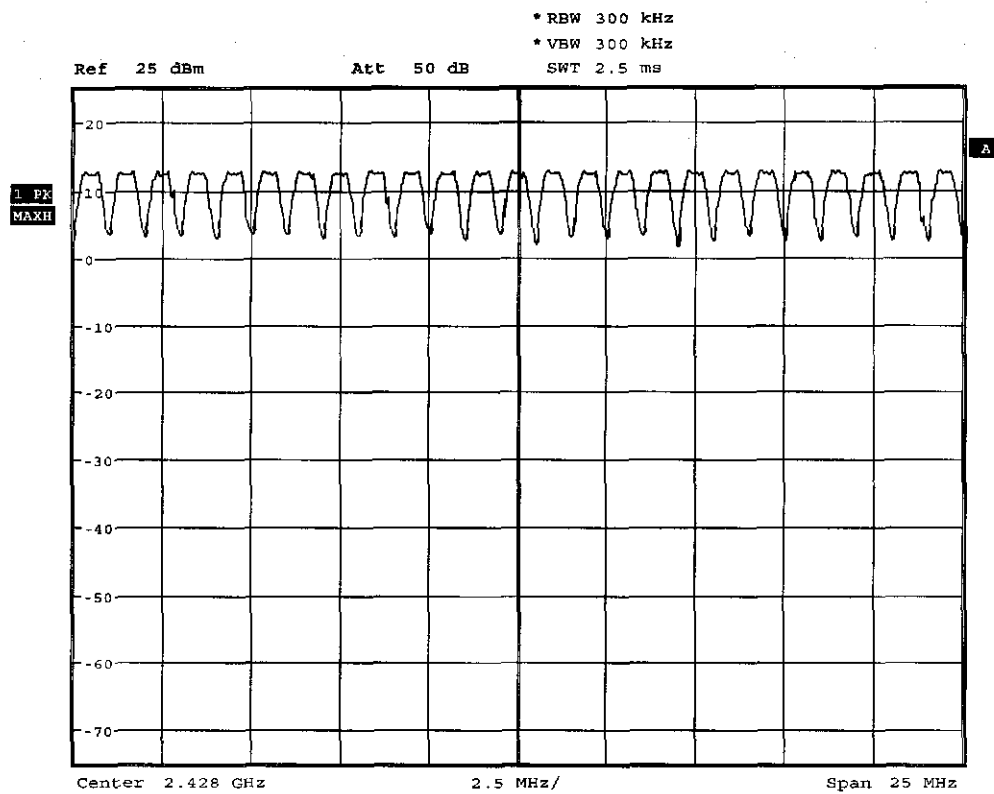


Date: 4.JAN.2006 14:39:36

**Measurement diagram**

**FCC part 15.247**  
**Number of hopping frequencies**

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(a)           |
| Test Case             | Number of hopping frequencies        |
| Comment 1             | Channel.: 14-38                      |
| Comment 2             |                                      |

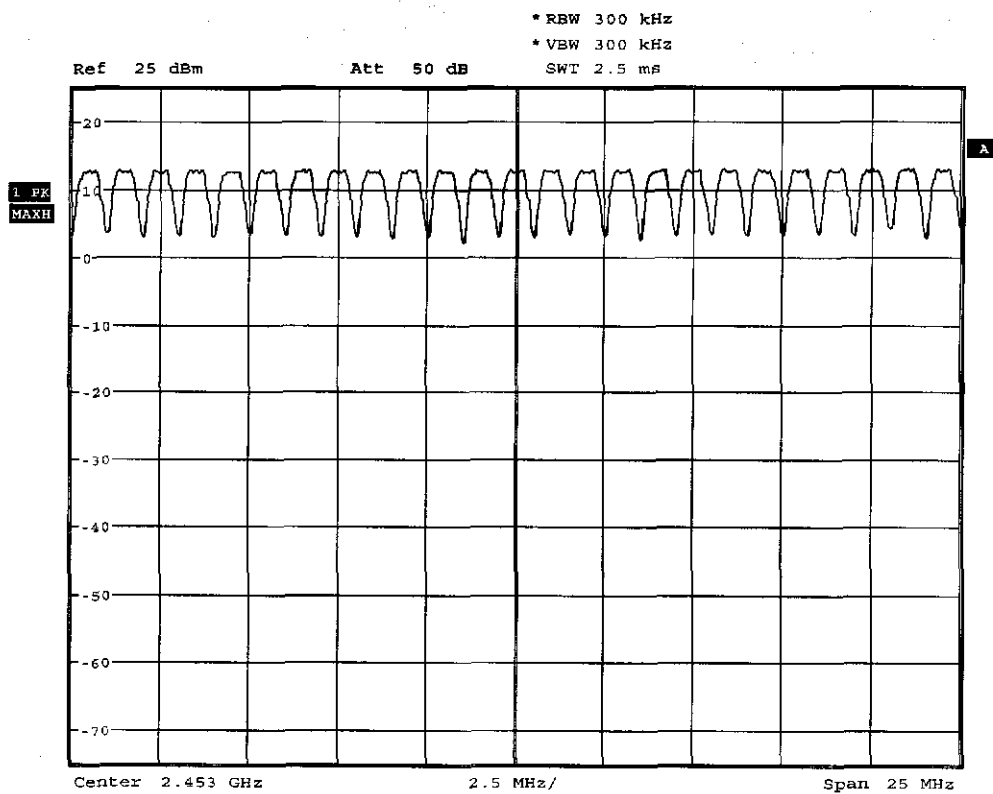


Date: 4.JAN.2006 14:41:51

Measurement diagram

**FCC part 15.247****Number of hopping frequencies**

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(a)           |
| Test Case             | Number of hopping frequencies        |
| Comment 1             | Channel.:39-63                       |
| Comment 2             |                                      |



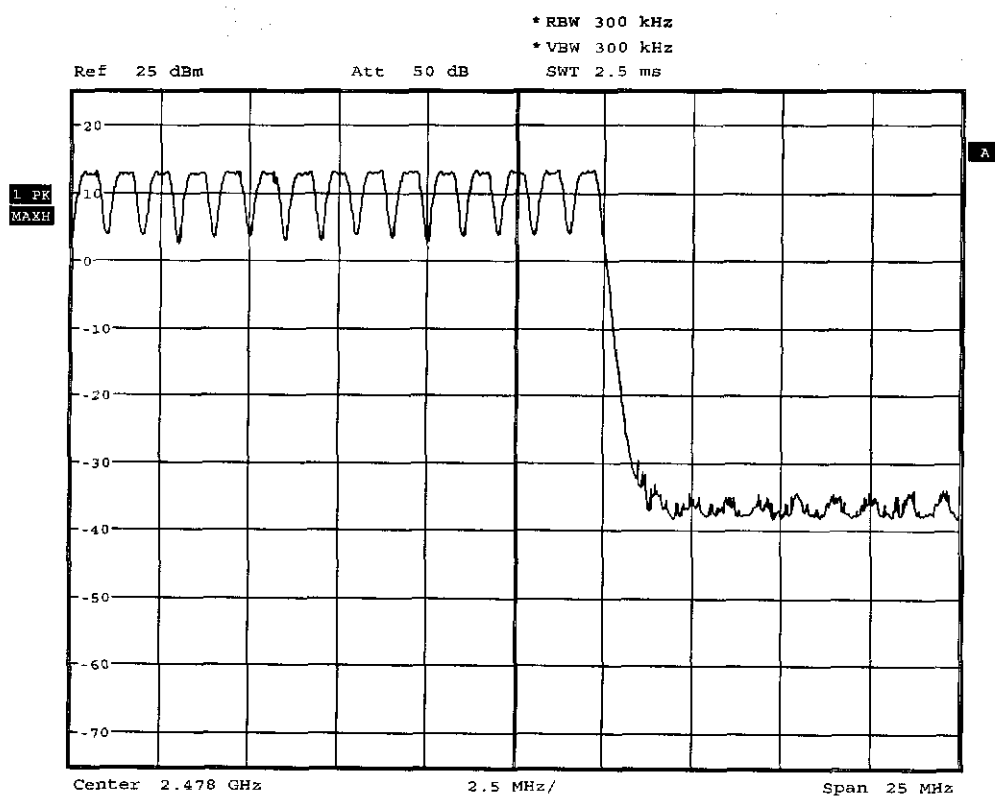
Date: 4.JAN.2006 14:52:27

Measurement diagram



**FCC part 15.247**  
**Number of hopping frequencies**

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(a)           |
| Test Case             | Number of hopping frequencies        |
| Comment 1             | Channel.: 64-78                      |
| Comment 2             |                                      |

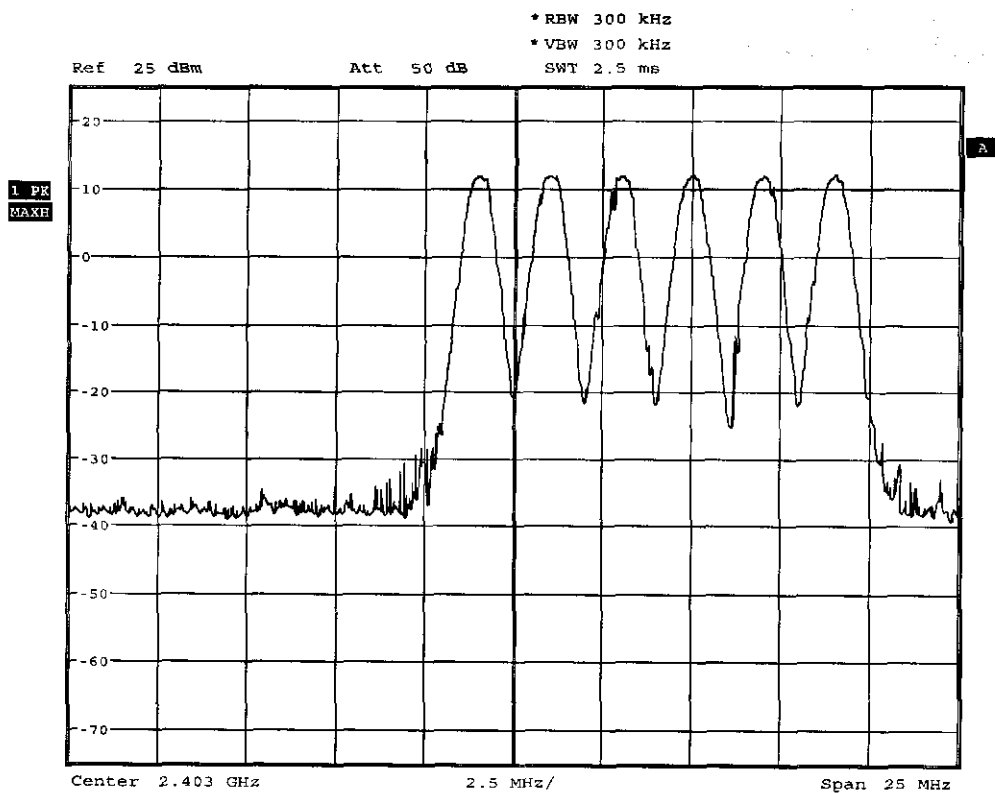


Date: 4.JAN.2006 14:54:38

Measurement diagram

**FCC part 15.247**  
**Number of hopping frequencies**

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(a)           |
| Test Case             | Number of hopping frequencies        |
| Comment 1             | Master inquiry mode                  |
| Comment 2             | Carrier 1-6                          |

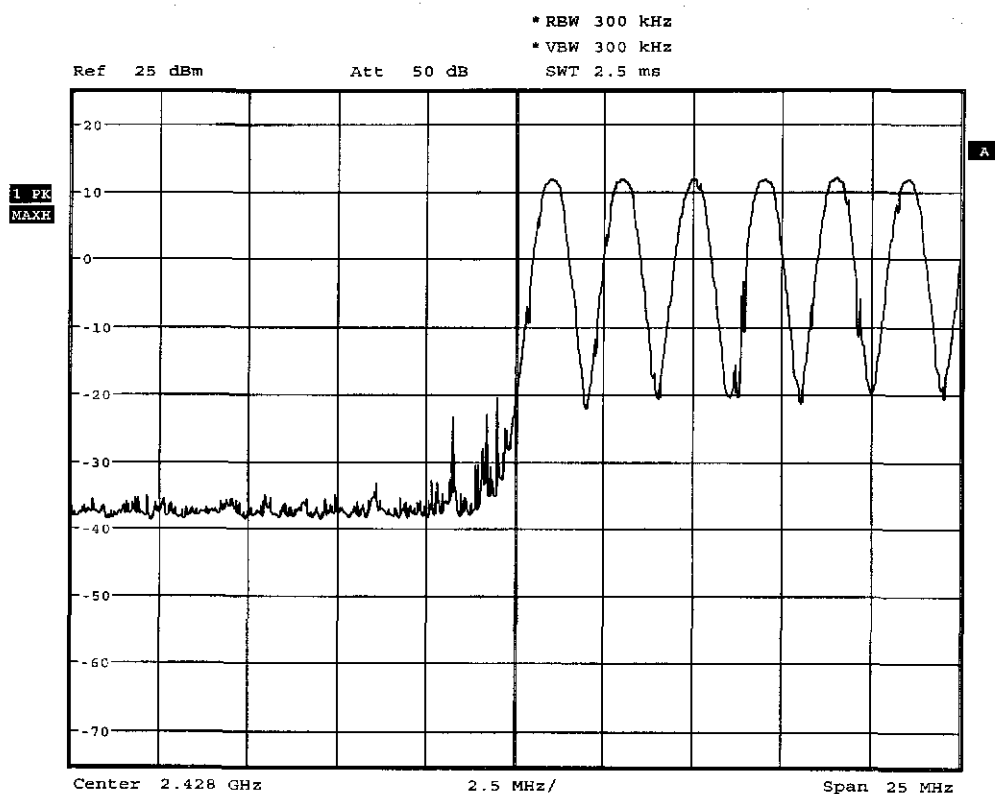


Date: 4.JAN.2006 15:13:01

Measurement diagram

**FCC part 15.247****Number of hopping frequencies**

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(a)           |
| Test Case             | Number of hopping frequencies        |
| Comment 1             | Master inquiry mode                  |
| Comment 2             | Carrier 7-12                         |

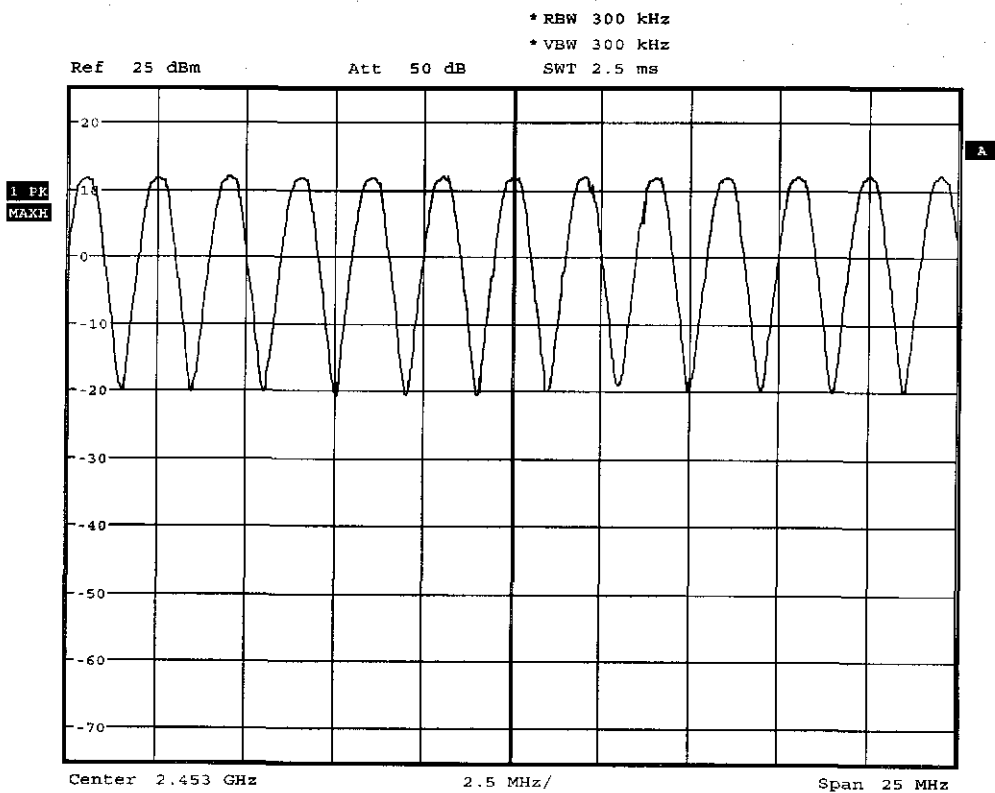


Date: 4.JAN.2006 15:18:54

Measurement diagram

**FCC part 15.247**  
**Number of hopping frequencies**

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(a)           |
| Test Case             | Number of hopping frequencies        |
| Comment 1             | Master inquiry mode                  |
| Comment 2             | Carrier 13-25                        |

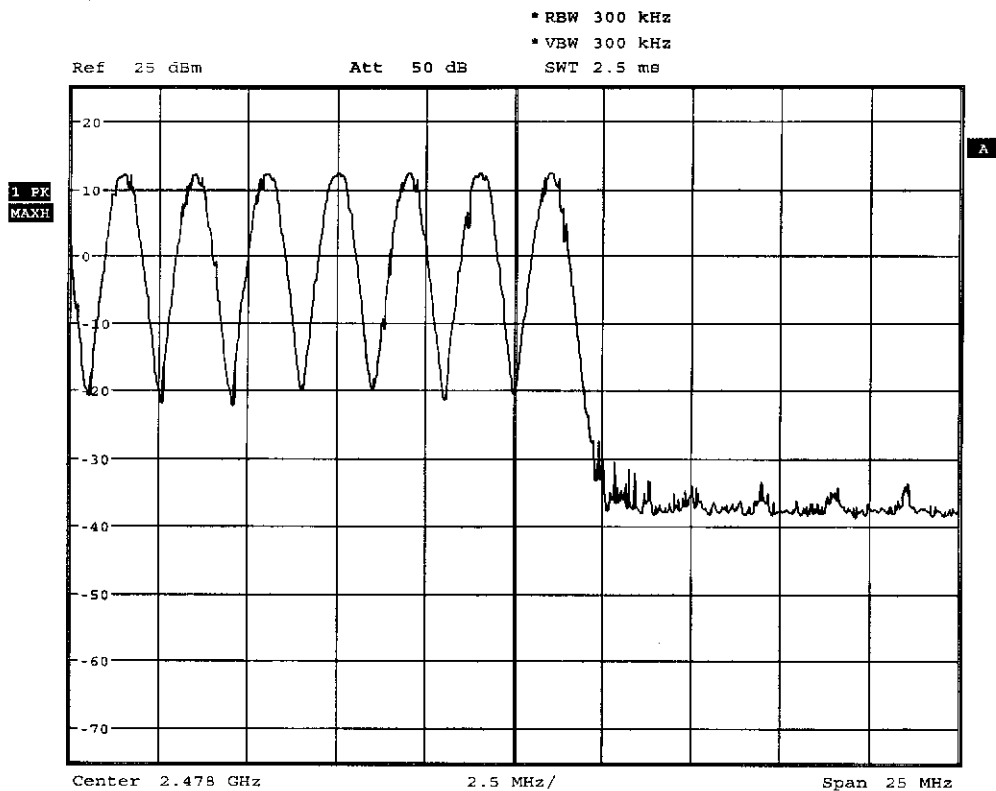


Date: 4.JAN.2006 15:43:36

Measurement diagram

**FCC part 15.247**  
**Number of hopping frequencies**

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(a)           |
| Test Case             | Number of hopping frequencies        |
| Comment 1             | Master inquiry mode                  |
| Comment 2             | Carrier 26-32                        |



Date: 4.JAN.2006 15:49:01

Measurement diagram

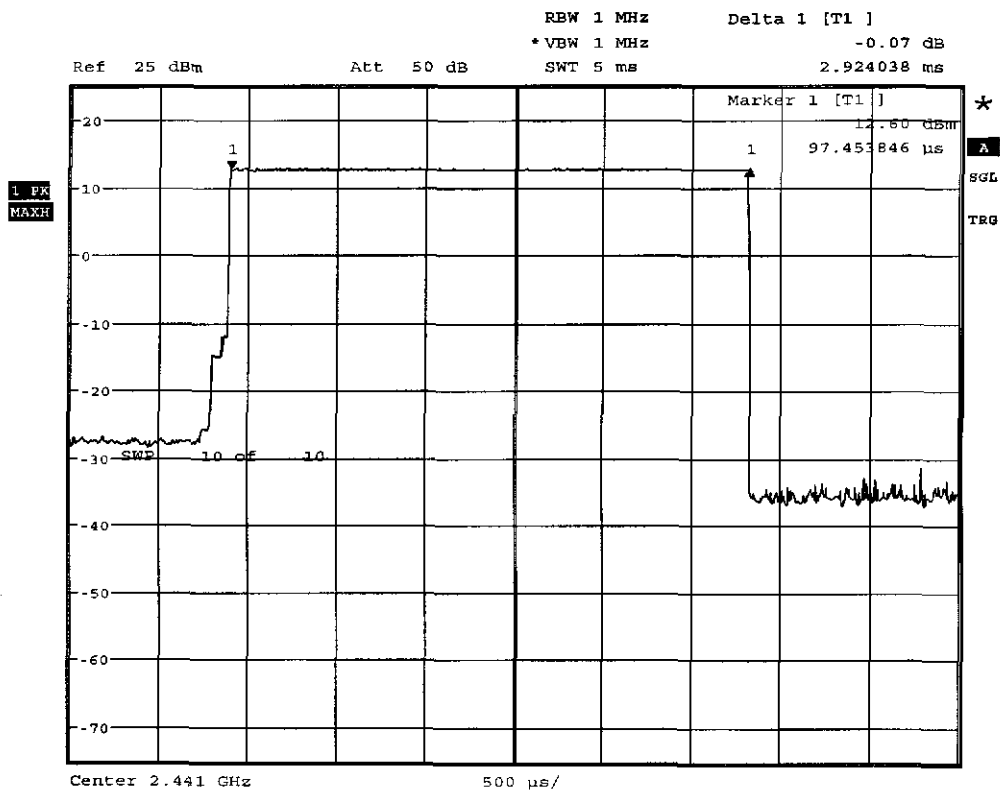
## **Appendix G**

Time of Occupancy (Dwell Time)

## FCC part 15.247

## Time of occupancy (dwell time)

|                       |                                        |
|-----------------------|----------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway           |
| Model                 | AD-42W                                 |
| Approval Holder       | Nokia                                  |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor)   |
| Test Site / Operator  | ETS                                    |
| Test Specification    | FCC part 15 section 247(a)             |
| Test Case             | Time of occupancy                      |
| Comment 1             | Channel.: 39 / 2441 MHz (Hopping mode) |
| Comment 2             | 63 events * 2.924 ms result: 184.2 ms  |

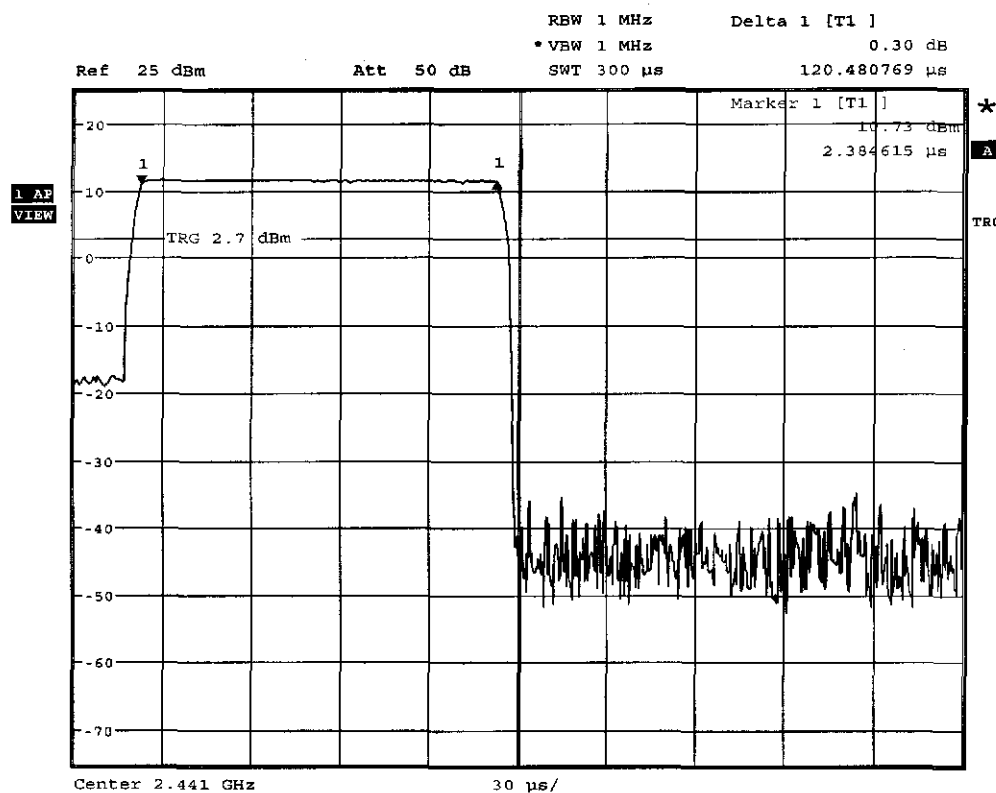


Date: 4.JAN.2006 14:36:19

## Measurement diagram

**FCC part 15.247****Time of occupancy inquiry**

|                       |                                         |
|-----------------------|-----------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway            |
| Model                 | AD-42W                                  |
| Approval Holder       | Nokia                                   |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor)    |
| Test Site / Operator  | ETS                                     |
| Test Specification    | FCC part 15 section 247(a)              |
| Test Case             | Time of occupancy inquiry               |
| Comment 1             | Channel.: 39 / 2441 MHz                 |
| Comment 2             | 504 events * 0.1205 ms result: 60.37 ms |



Date: 4.JAN.2006 15:10:10

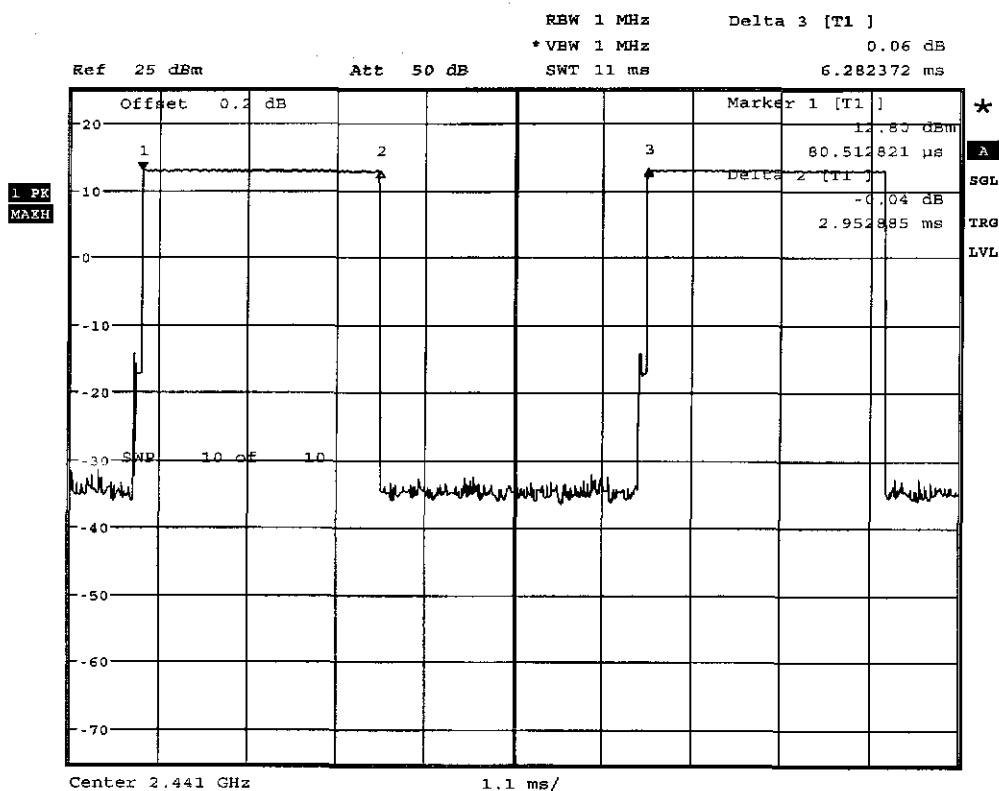
## Measurement diagram



## FCC part 15.247

## Duty cycle

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(b)           |
| Test Case             | Duty cycle                           |
| Comment 1             | Channel.: 39 / 2441 MHz              |
| Comment 2             | Duty_cycle 0.47                      |



Date: 4. JAN. 2006 13:43:49

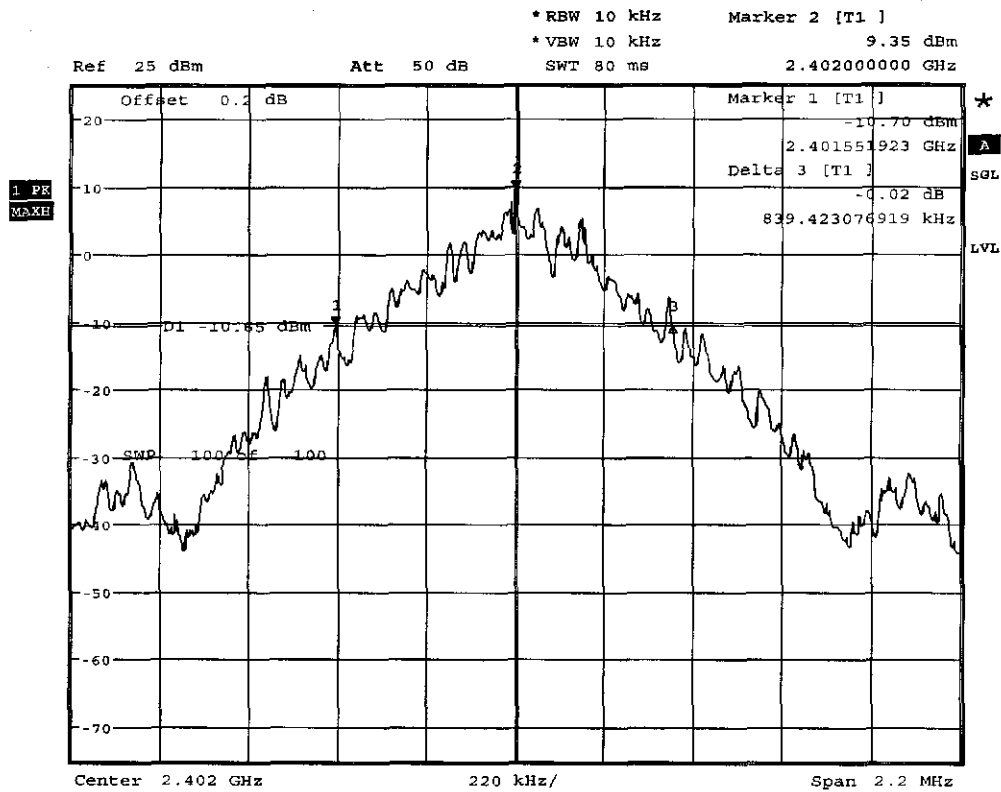
Measurement diagram

## **Appendix H**

20dB Bandwidth

**FCC part 15.247**  
**20 dB bandwidth**

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(a)           |
| Test Case             | 20 dB bandwidth                      |
| Comment 1             | Channel: 0 / 2402 MHz                |
| Comment 2             | 839.42 kHz                           |

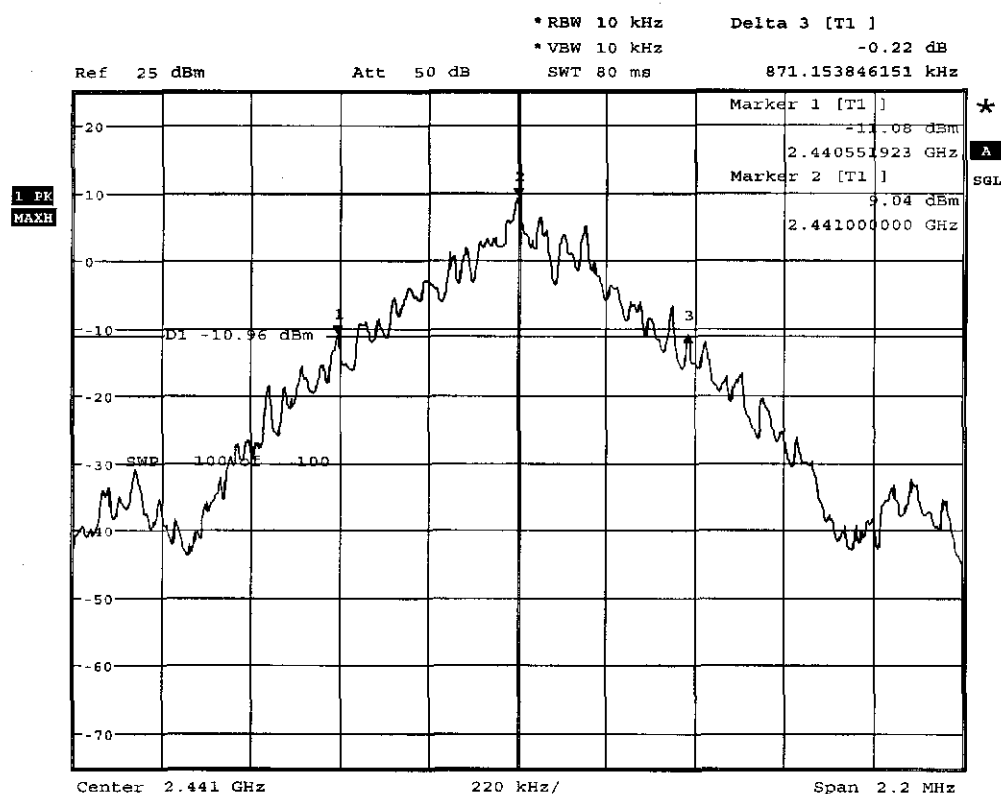


Date: 4.JAN.2006 13:32:10

Measurement diagram

**FCC part 15.247**  
**20 dB bandwidth**

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(a)           |
| Test Case             | 20 dB bandwidth                      |
| Comment 1             | Channel.: 39 / 2441 MHz              |
| Comment 2             | 871.15 kHz                           |

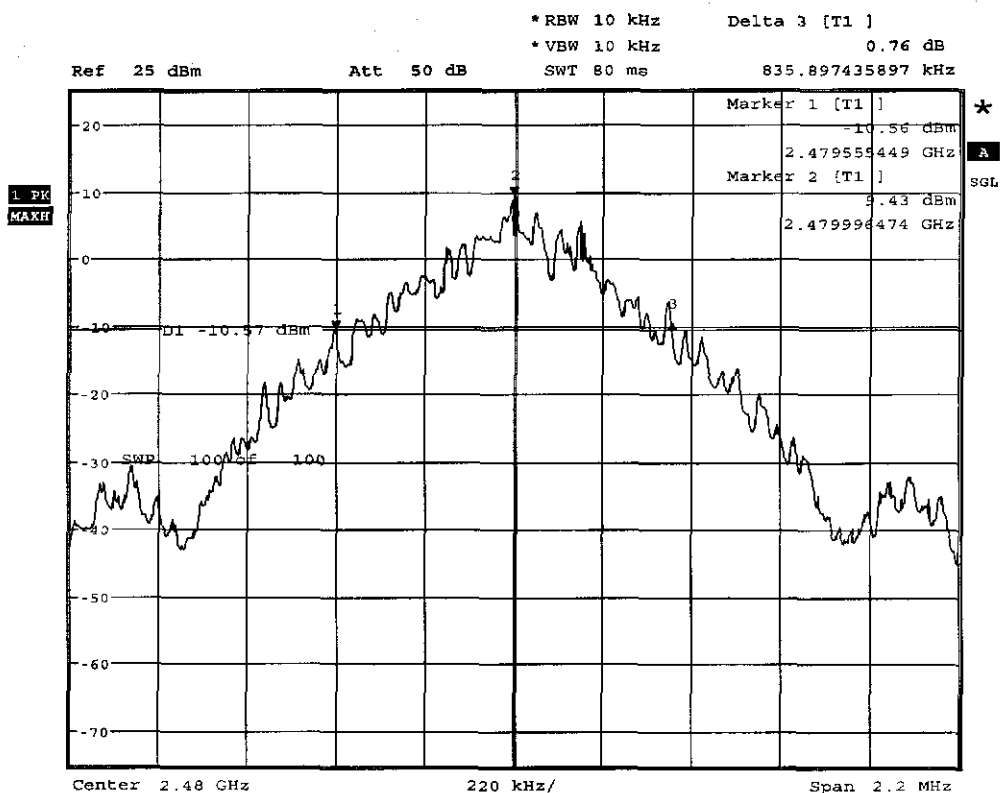


Date: 4.JAN.2006 14:14:17

Measurement diagram

**FCC part 15.247**  
**20 dB bandwidth**

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(a)           |
| Test Case             | 20 dB bandwidth                      |
| Comment 1             | Channel: 78 / 2480 MHz               |
| Comment 2             | 835.89 kHz                           |



Date: 4.JAN.2006 14:09:33

Measurement diagram

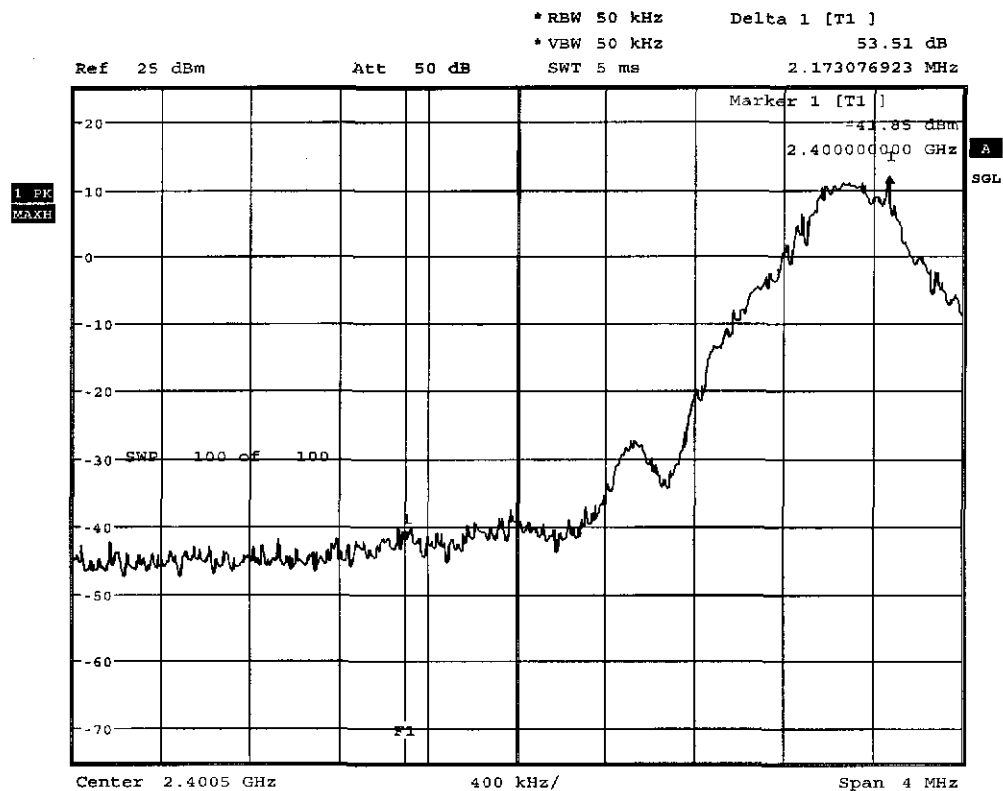
## **Appendix I**

### **Band-edge Compliance of RF Emissions**

## FCC part 15.247

## Band-edge compliance of RF conducted emissions

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(c)           |
| Test Case             | Band-edge compliance                 |
| Comment 1             | Channel.: 0 / 2402 MHz               |
| Comment 2             | Single frequency mode                |



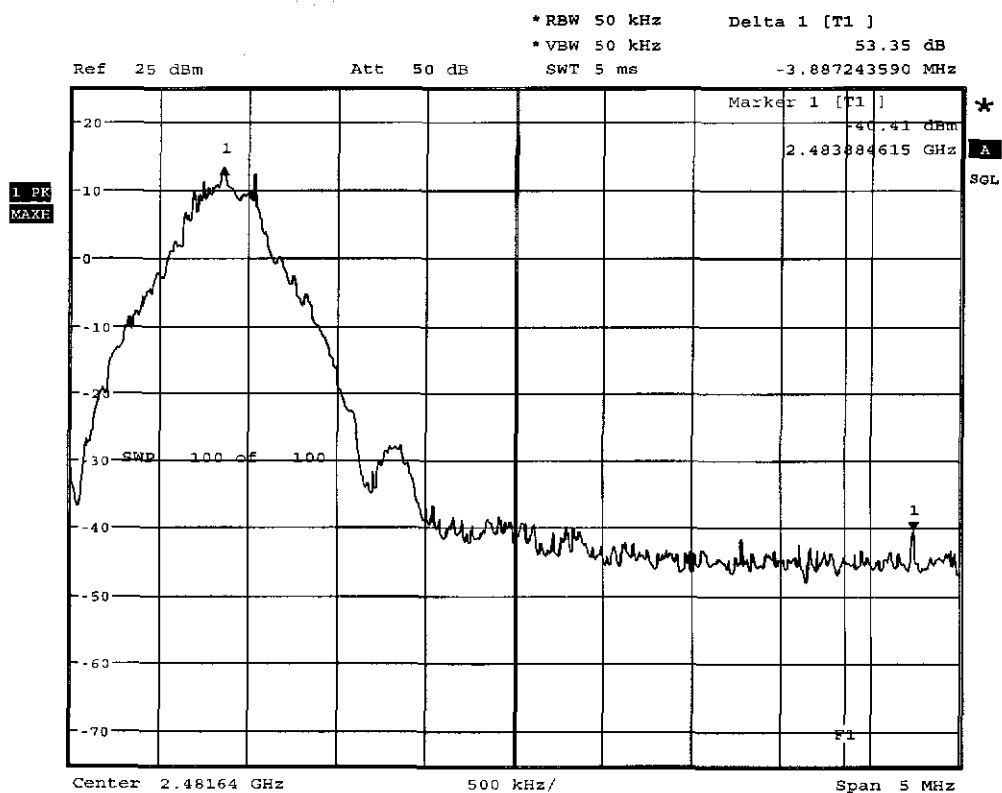
Date: 4.JAN.2006 14:29:43

Measurement diagram

## FCC part 15.247

## Band-edge compliance of RF conducted emissions

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(c)           |
| Test Case             | Band-edge compliance                 |
| Comment 1             | Channel: 78 / 2480 MHz               |
| Comment 2             | Single frequency mode                |



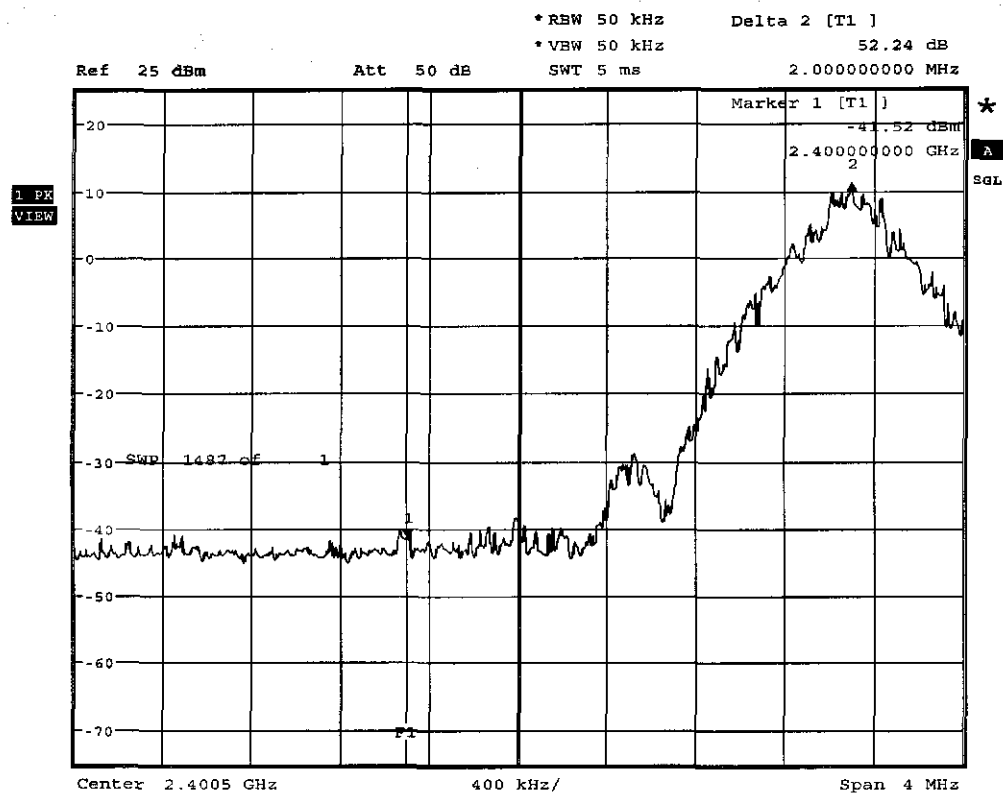
Date: 4.JAN.2006 14:32:16

Measurement diagram



**FCC part 15.247****Band-edge compliance of RF conducted emissions**

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(c)           |
| Test Case             | Band-edge compliance                 |
| Comment 1             | Channel: 0 / 2402 MHz                |
| Comment 2             | Hopping mode                         |



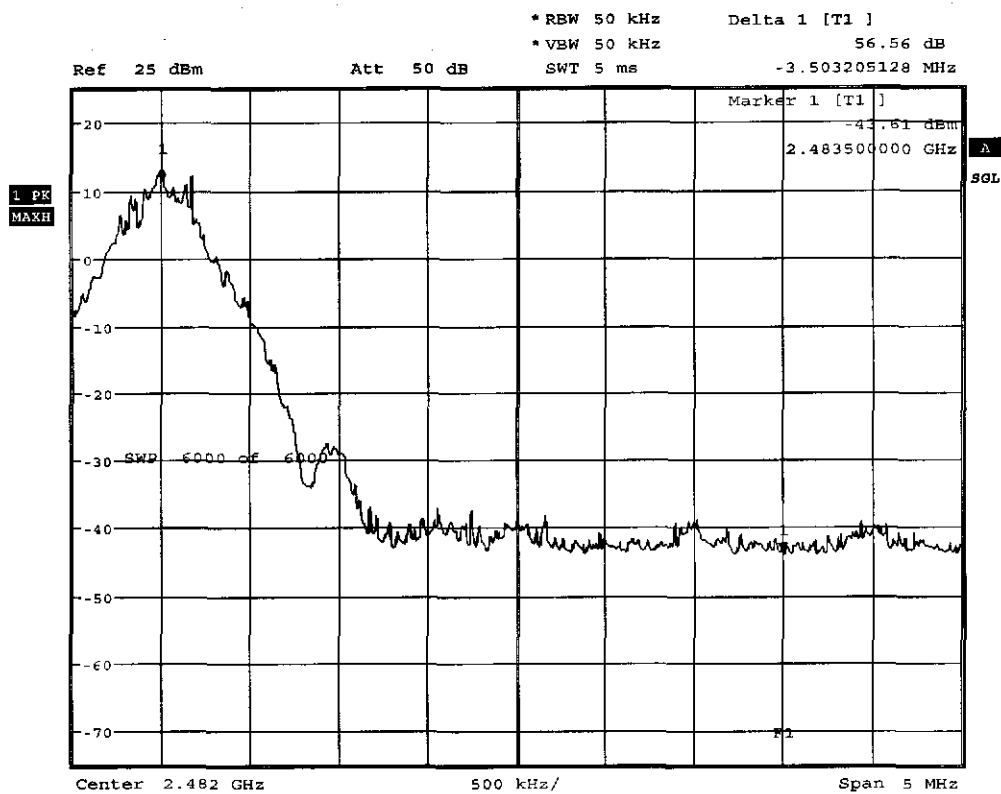
Date: 4.JAN.2006 14:21:20

Measurement diagram

## FCC part 15.247

## Band-edge compliance of RF conducted emissions

|                       |                                      |
|-----------------------|--------------------------------------|
| EUT                   | Nokia Wireless Audio Gateway         |
| Model                 | AD-42W                               |
| Approval Holder       | Nokia                                |
| Temperature / Voltage | 25°C / Unom 120 V AC (AC-DC adaptor) |
| Test Site / Operator  | ETS                                  |
| Test Specification    | FCC part 15 section 247(c)           |
| Test Case             | Band-edge compliance                 |
| Comment 1             | Channel.: 78 / 2480 MHz              |
| Comment 2             | Hopping mode                         |



Date: 4.JAN.2006 14:26:35

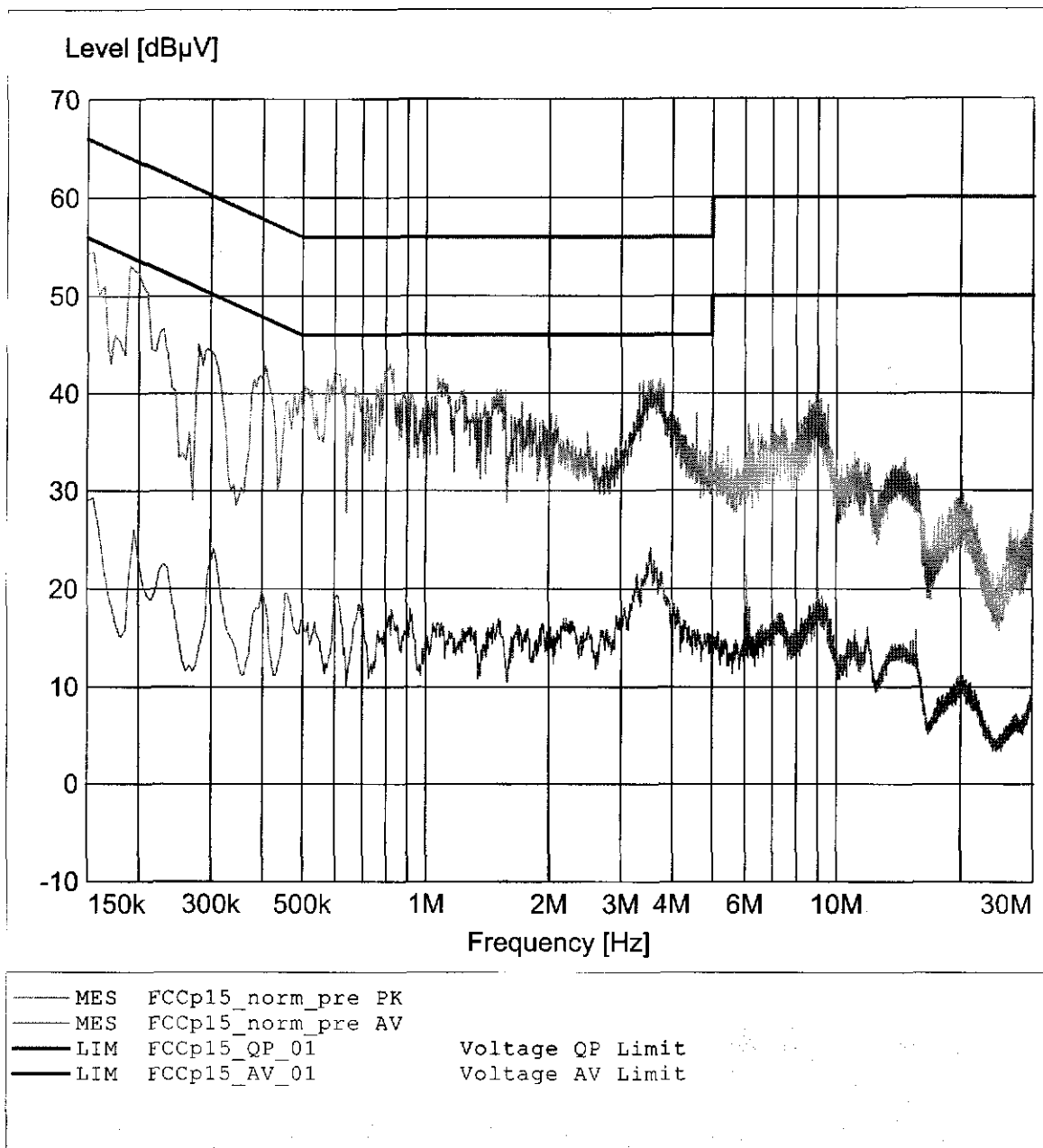
Measurement diagram

## **Appendix J**

### **Conducted Measurement at (AC) Power Line**

# EMI voltage test in the ac-mains according to FCC part 15

EUT: Nokia Wireless Audio Gateway  
Manufacturer: NOKIA Corporation  
Operating Condition: Unom: 120 V AC (AC/DC-ADAPTOR) , Tnom: 23°C  
Test Site: ETS  
Operator: Mr. Fleischer  
Test Specification: V-Network: ESH2-Z5 (L1)  
Comment: model: AD-42W mode: Audio link (BT)  
Adaptor: NOKIA AC-3U



# EMI voltage test in the ac-mains according to FCC part 15

EUT: Nokia Wireless Audio Gateway  
Manufacturer: NOKIA Corporation  
Operating Condition: Unom: 120 V AC (AC/DC-ADAPTOR) , Tnom: 23°C  
Test Site: ETS  
Operator: Mr. Fleischer  
Test Specification: V-Network: ESH2-Z5 (L1/N)  
Comment: model: AD-42W mode: Audio link (BT)  
Adaptor: NOKIA AC-3U

