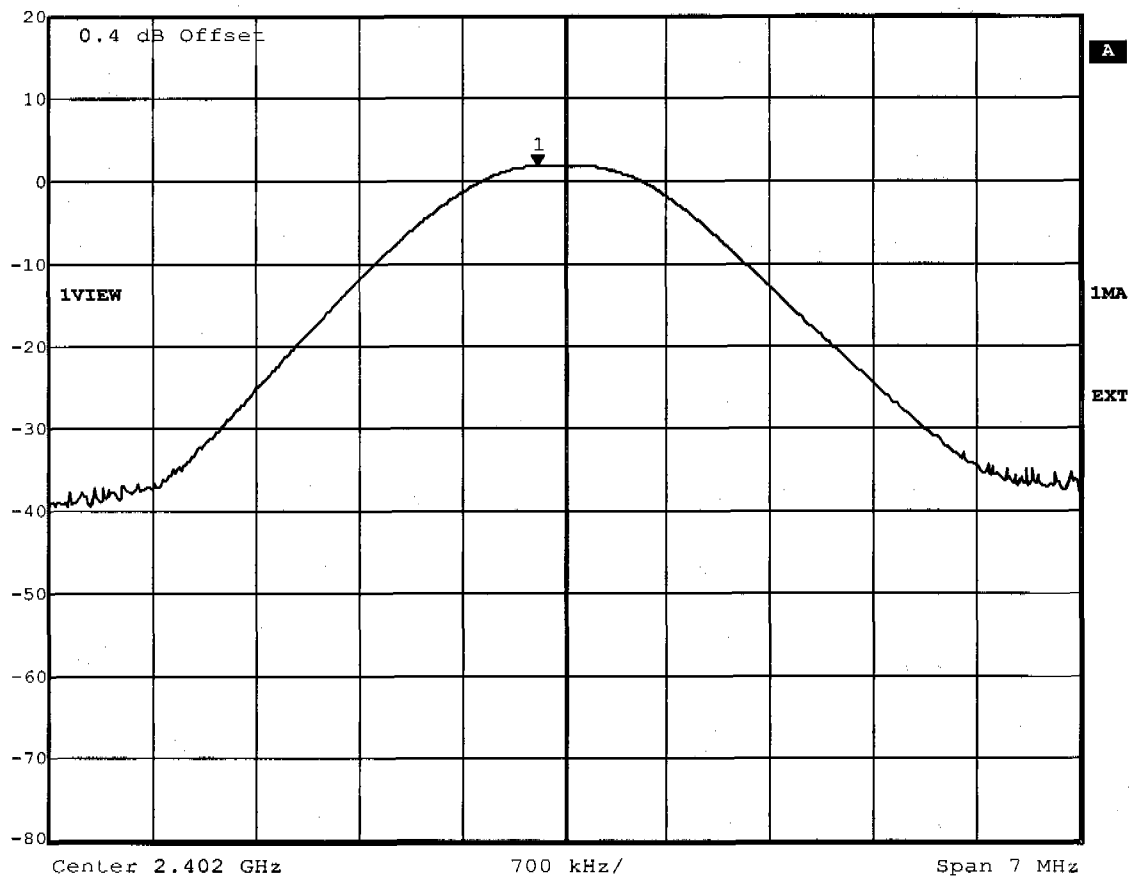


Appendix B

RF power output conducted



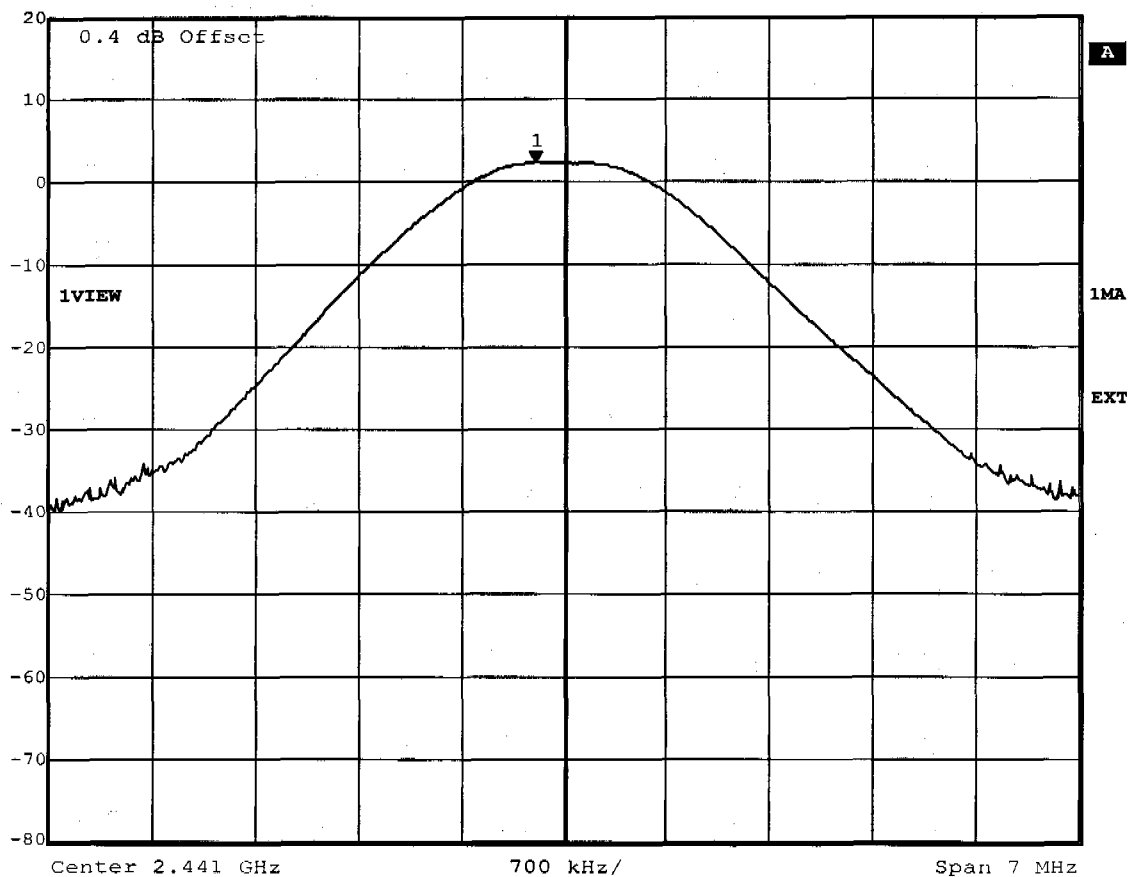
Marker 1 [T1] RBW 1 MHz RF Att 40 dB
Ref Lvl 1.60 dBm VBW 1 MHz
20 dBm 2.40182465 GHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 0
Comment A: Nokia HS-59W
Date: 27.MAR.2006 13:49:53



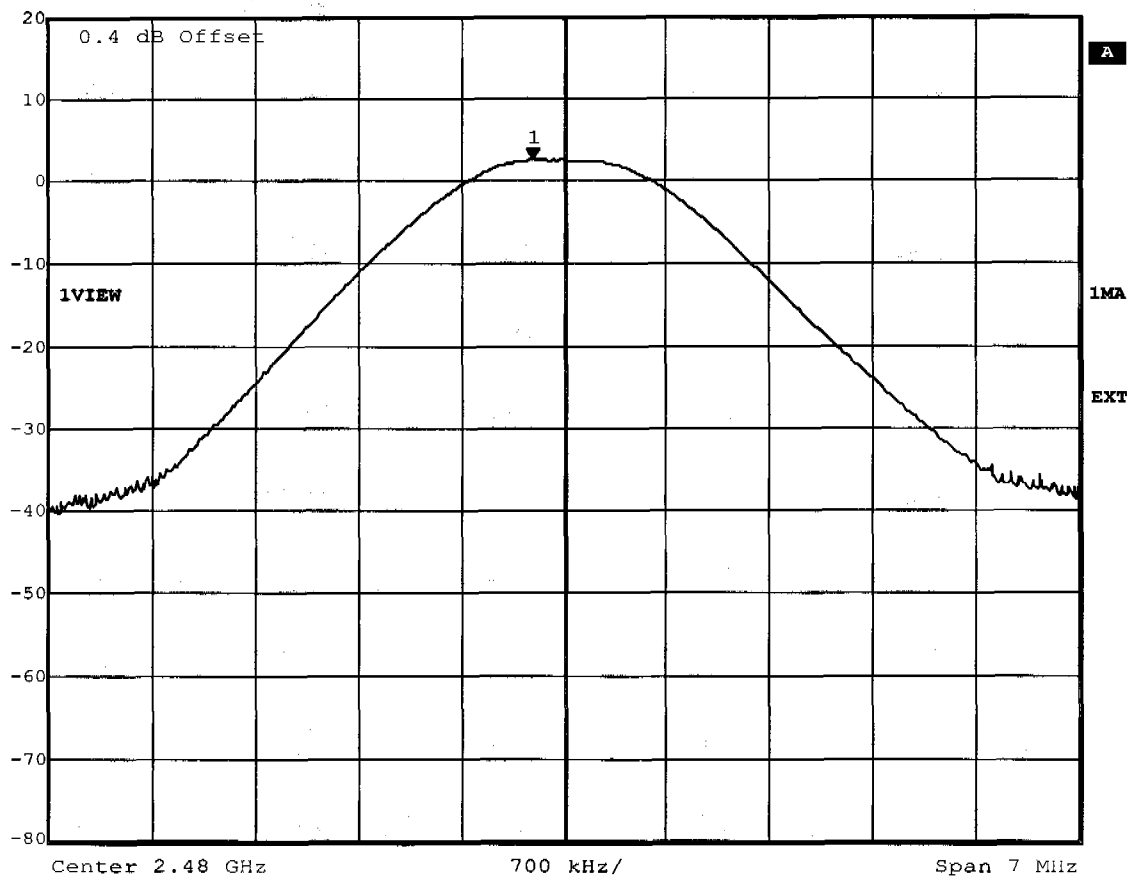
Marker 1 [T1] RBW 1 MHz RF Att 40 dB
Ref Lvl 2.11 dBm VBW 1 MHz
20 dBm 2.44081062 GHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 39
Comment A: Nokia HS-59W
Date: 27.MAR.2006 13:50:58



Marker 1 [T1] RBW 1 MHz RF Att 40 dB
Ref Lvl 2.31 dBm VBW 1 MHz
20 dBm 2.47979659 GHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 78
Comment A: Nokia HS-59W
Date: 27.MAR.2006 13:51:42

Appendix C

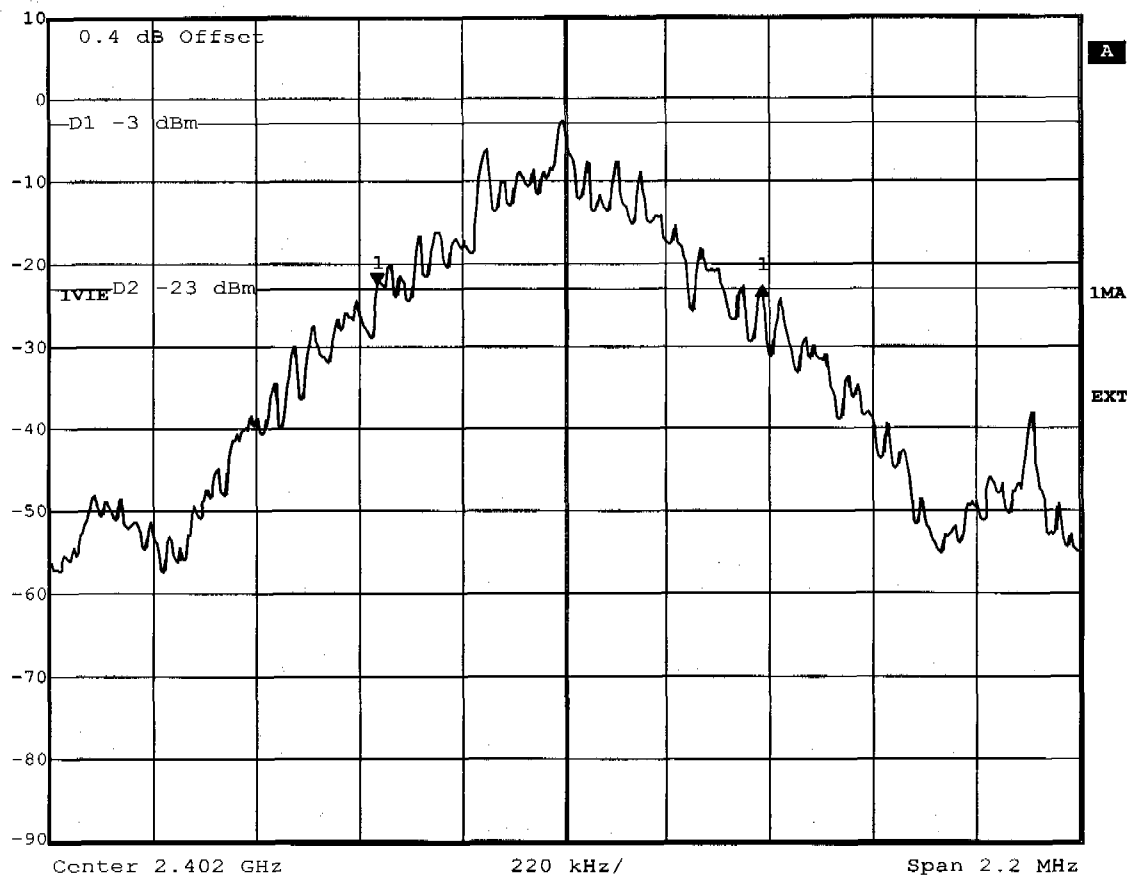
RF power output radiated (EIRP)

Appendix D

20 dB bandwidth



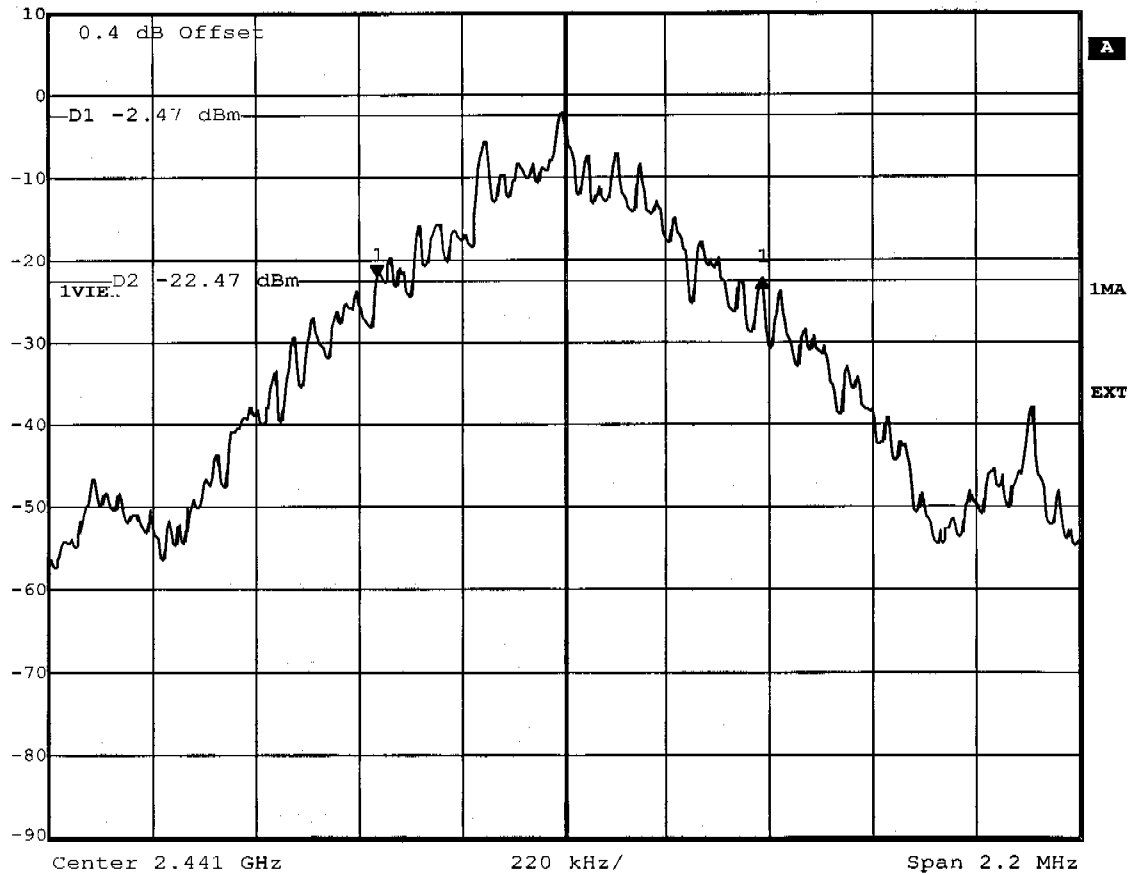
Delta 1 [T1] RBW 10 kHz RF Att 30 dB
Ref Lvl -0.40 dB VBW 10 kHz
10 dBm 824.44889780 kHz SWT 56 ms Unit dBm



Title: -20dB Bandwidth Ch.: 0
Comment A: Nokia HS-59W
Date: 27.MAR.2006 13:57:40



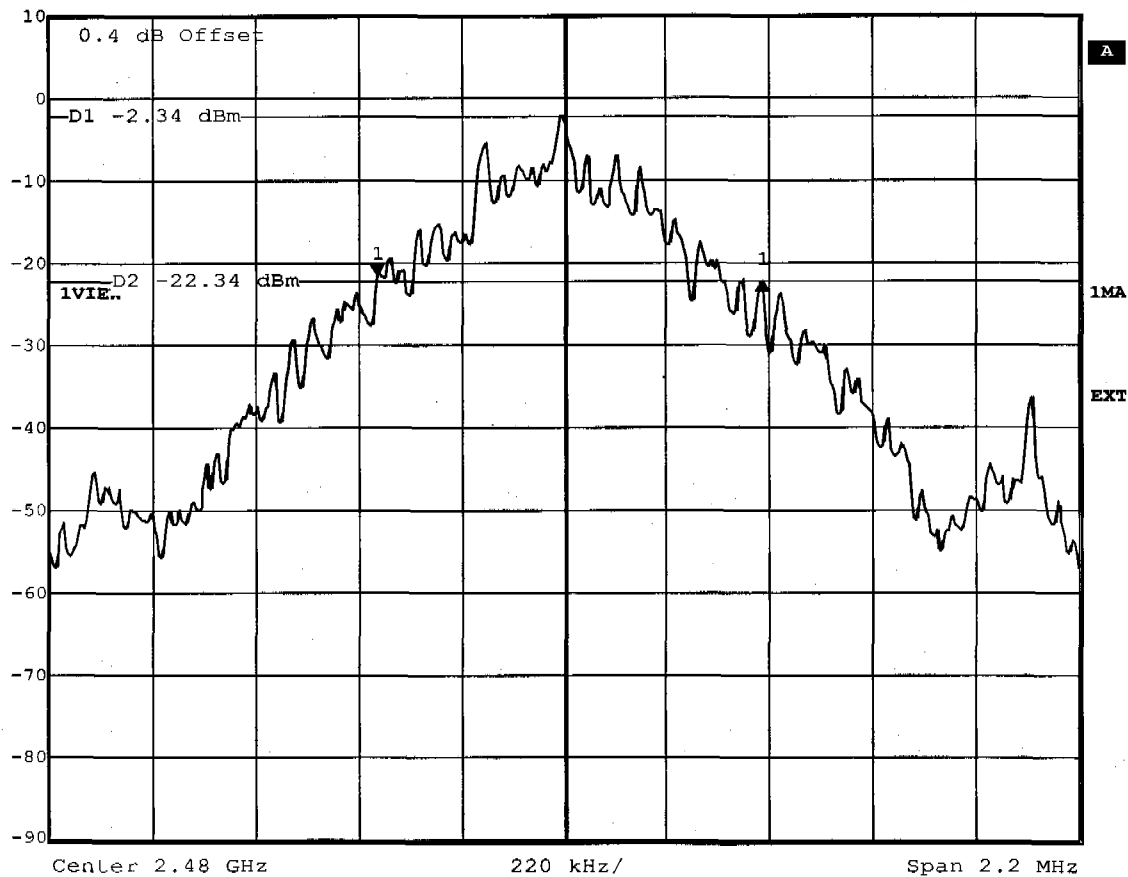
Delta 1 [T1] RBW 10 kHz RF Att 30 dB
Ref Lvl -0.25 dB VBW 10 kHz
10 dBm 824.44889780 kHz SWT 56 ms Unit dBm



Title: -20dB Bandwidth Ch.: 39
Comment A: Nokia HS-59W
Date: 27.MAR.2006 13:56:28



Delta 1 [T1] RBW 10 kHz RF Att 30 dB
Ref Lvl -0.91 dB VBW 10 kHz
10 dBm 824.44889780 kHz SWT 56 ms Unit dBm



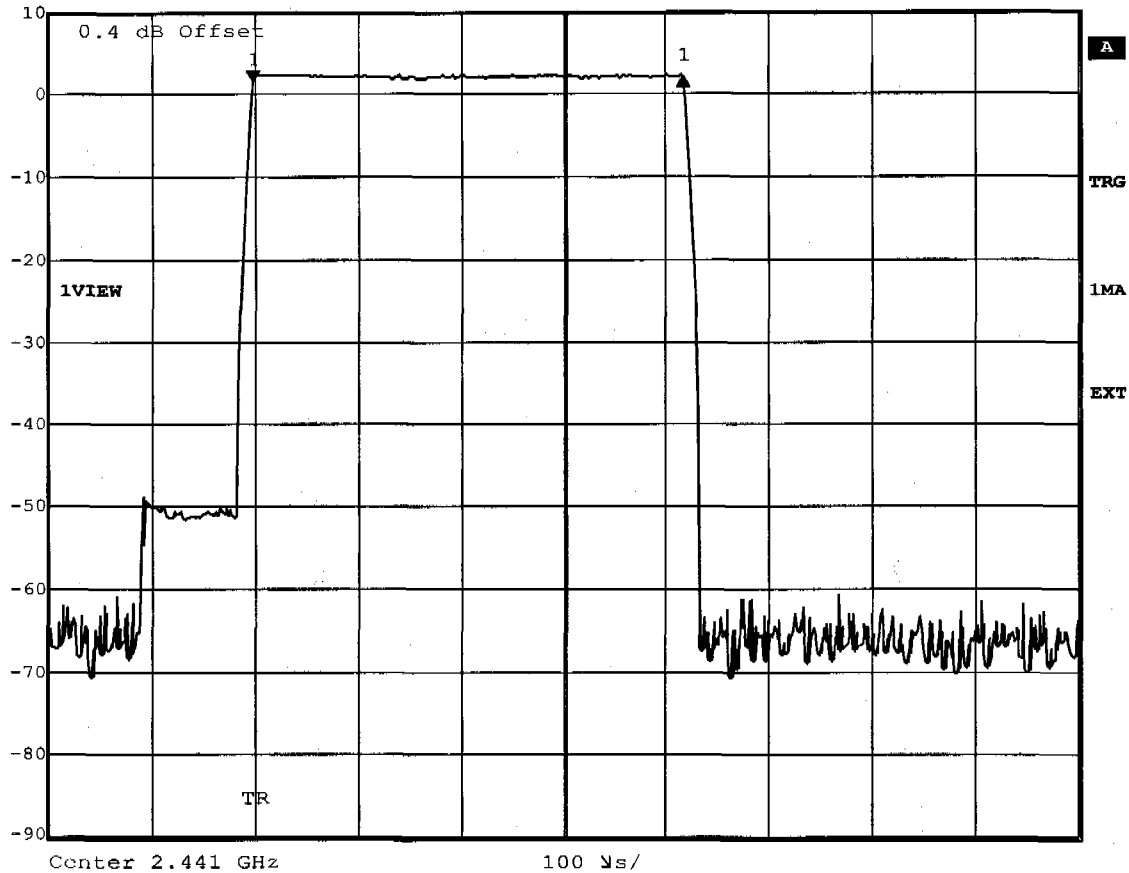
Title: -20dB Bandwidth Ch.: 78
Comment A: Nokia HS-59W
Date: 27.MAR.2006 13:55:08

Appendix E

Time of occupancy (dwell time)



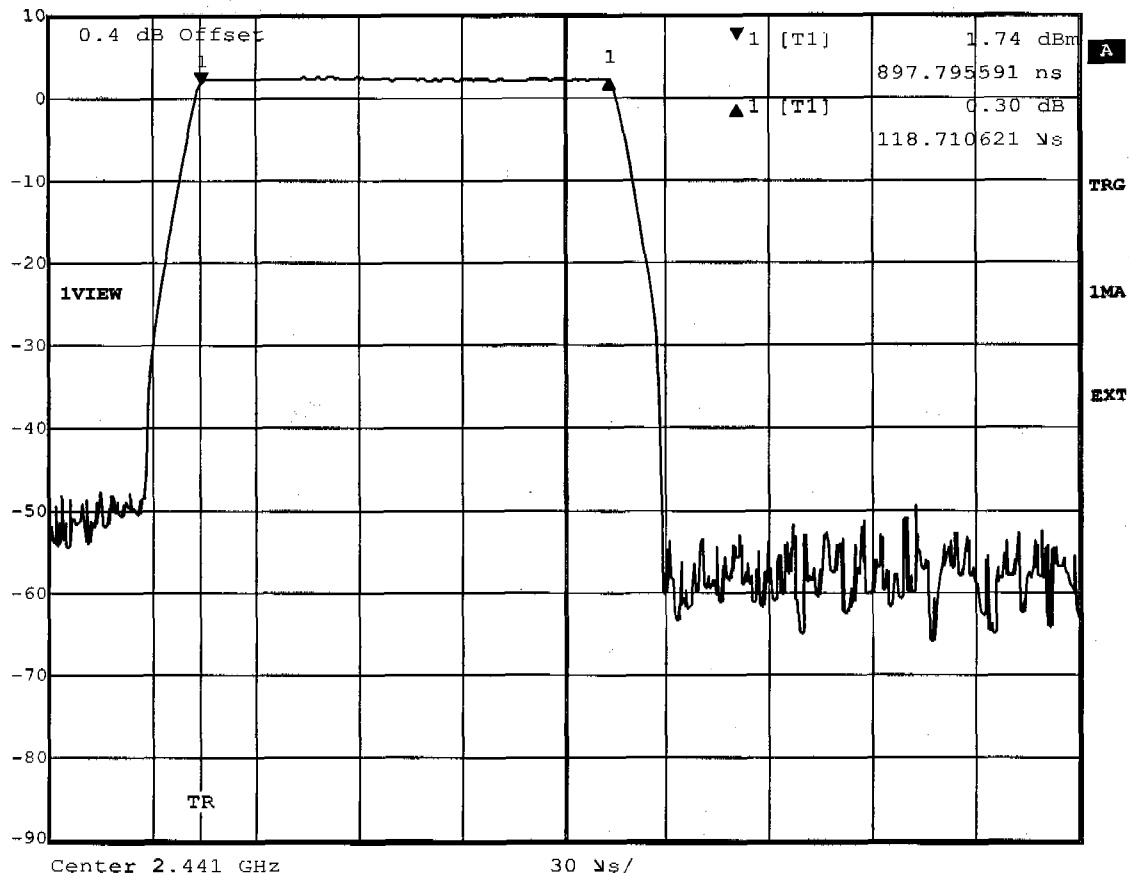
Delta 1 [T1] RBW 1 MHz RF Att 20 dB
Ref Lvl 0.58 dB VBW 1 MHz
10 dBm 417.939880 μ s SWT 1 ms Unit dBm



Title: Time of occupancy (Hopping) 322 events * 0.418ms=134.596ms
Comment A: Nokia HS-59W
Date: 27.MAR.2006 15:23:32



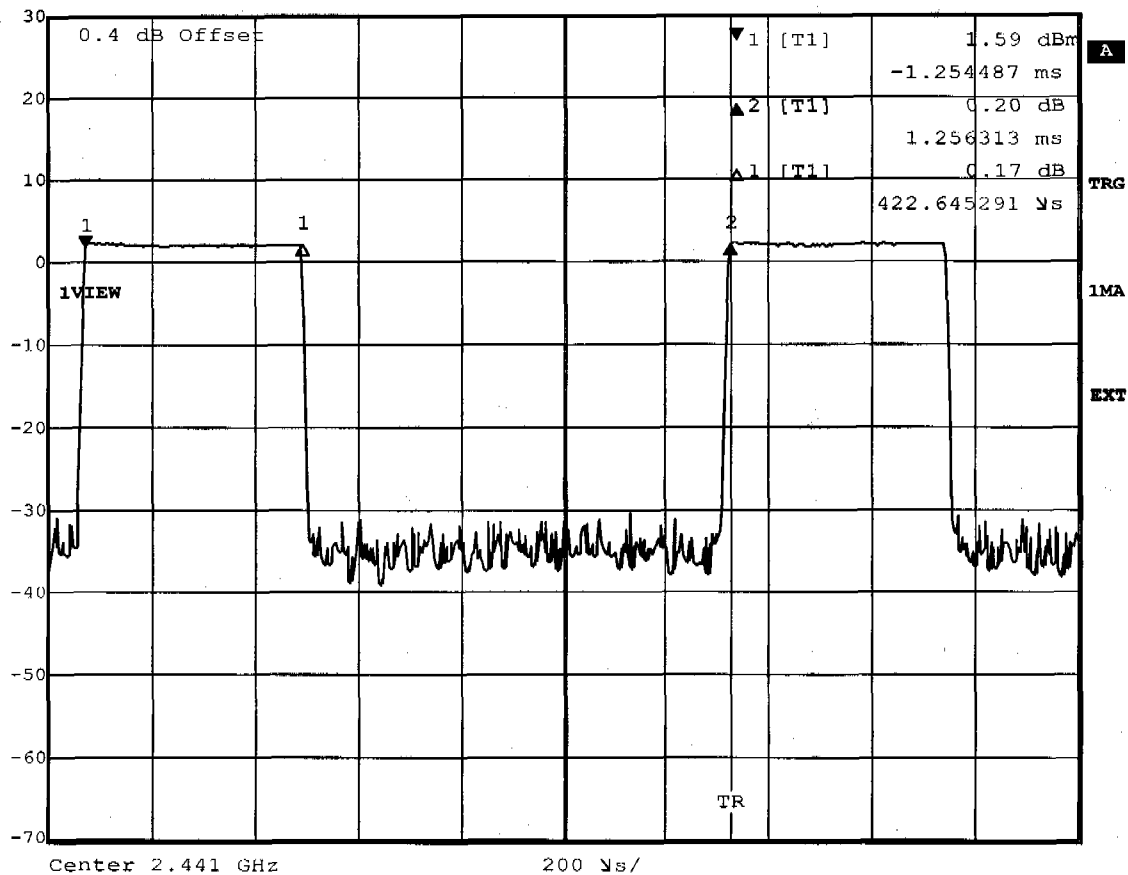
Delta 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl 0.30 dB VBW 1 MHz
10 dBm 118.710621 μ s SWT 300 μ s Unit dBm



Title: Time of occupancy (Inquiry mode) 310 events*0.119ms=36.89ms
Comment A: Nokia HS-59W
Date: 27.MAR.2006 15:44:59



Delta 2 [T1] RBW 1 MHz RF Att 50 dB
Ref Lvl 0.20 dB VBW 1 MHz
30 dBm 1.256313 ms SWT 2 ms Unit dBm



Title: Duty Cycle
Comment A: Nokia HS-59W
Date: 27.MAR.2006 14:48:01

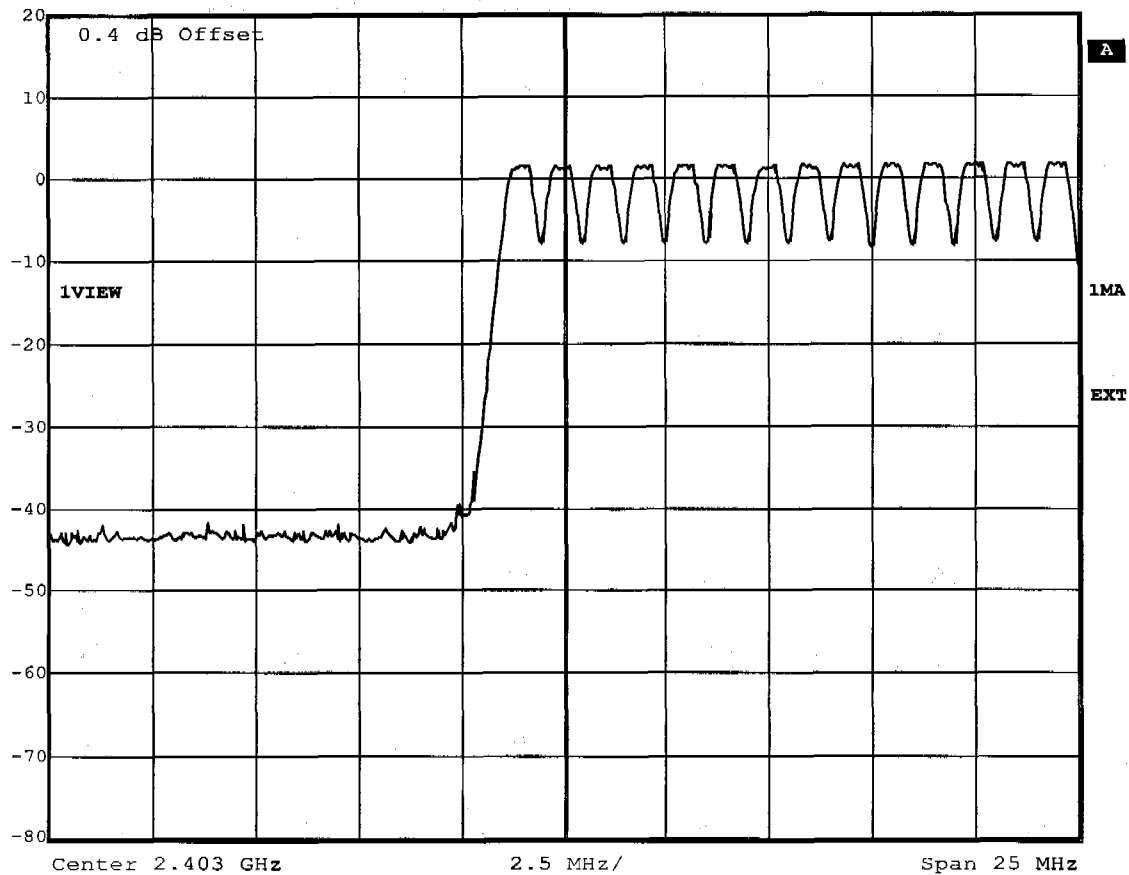
Appendix F

Number of hopping frequencies



Ref Lvl
20 dBm

RBW 300 kHz RF Att 40 dB
VBW 300 kHz
SWT 5 ms Unit dBm

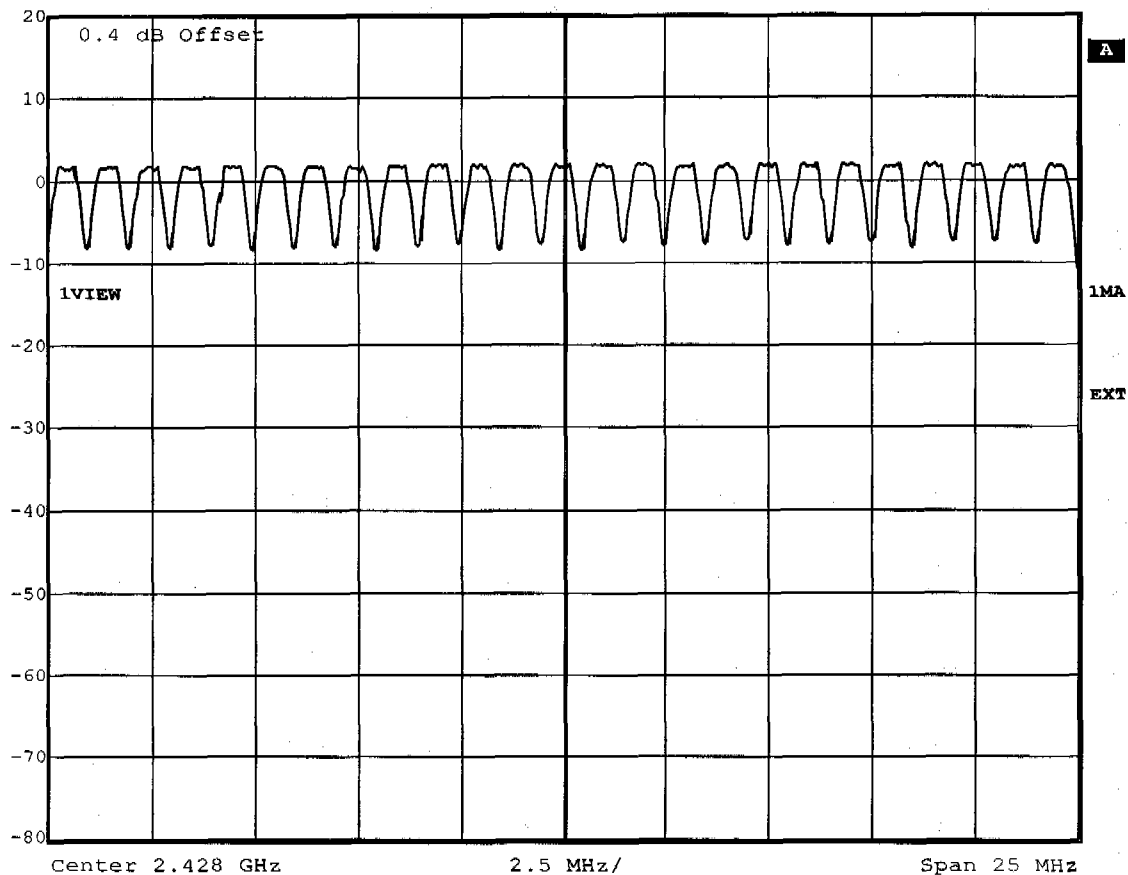


Title: Number of Hopping Frequencies Ch.: 0-13
Comment A: Nokia HS-59W
Date: 27.MAR.2006 15:03:57



Ref Lvl
20 dBm

RBW 300 kHz RF Att 40 dB
VBW 300 kHz
SWT 5 ms Unit dBm

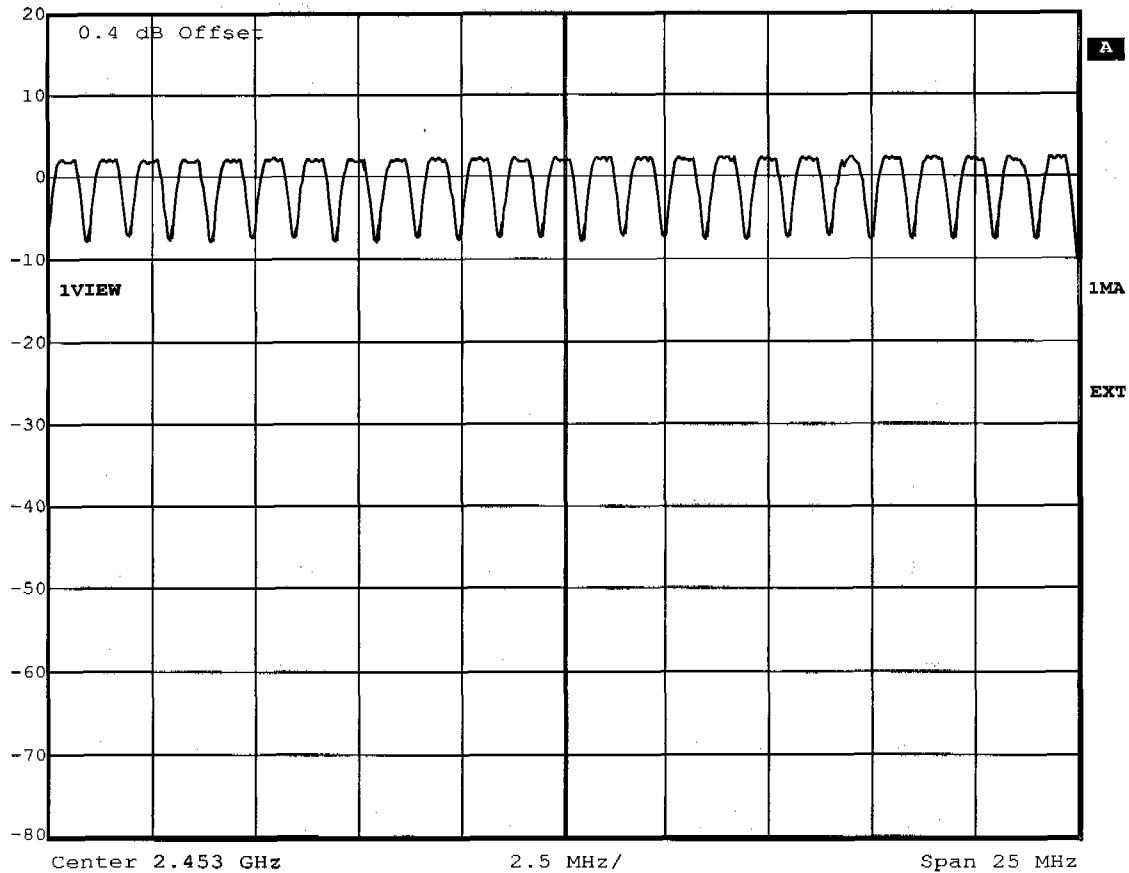


Title: Number of Hopping Frequencies Ch.: 14-38
Comment A: Nokia HS-59W
Date: 27.MAR.2006 15:06:03



Ref Lvl
20 dBm

RBW 300 kHz RF Att 40 dB
VBW 300 kHz
SWT 5 ms Unit dBm

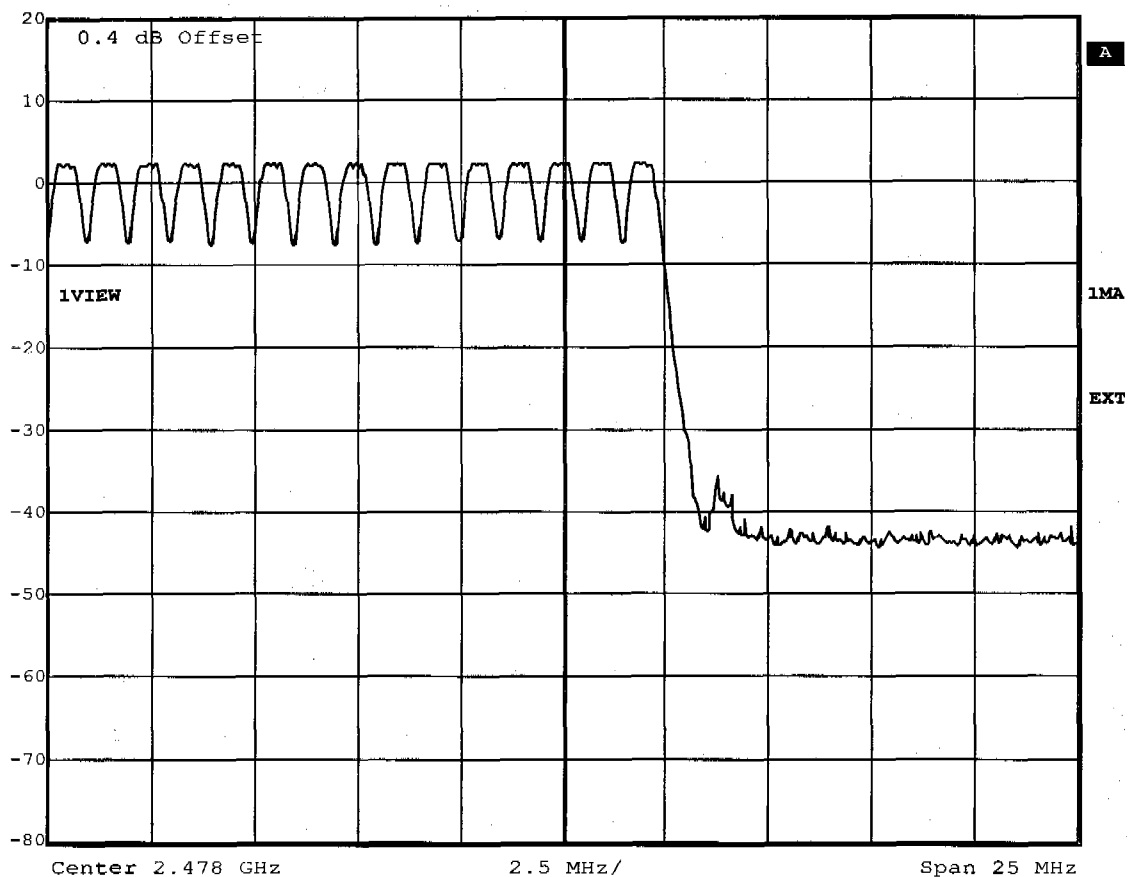


Title: Number of Hopping Frequencies Ch.: 39-63
Comment A: Nokia HS-59W
Date: 27.MAR.2006 15:09:07



Ref Lvl
20 dBm

RBW 300 kHz RF Att 40 dB
VBW 300 kHz
SWT 5 ms Unit dBm

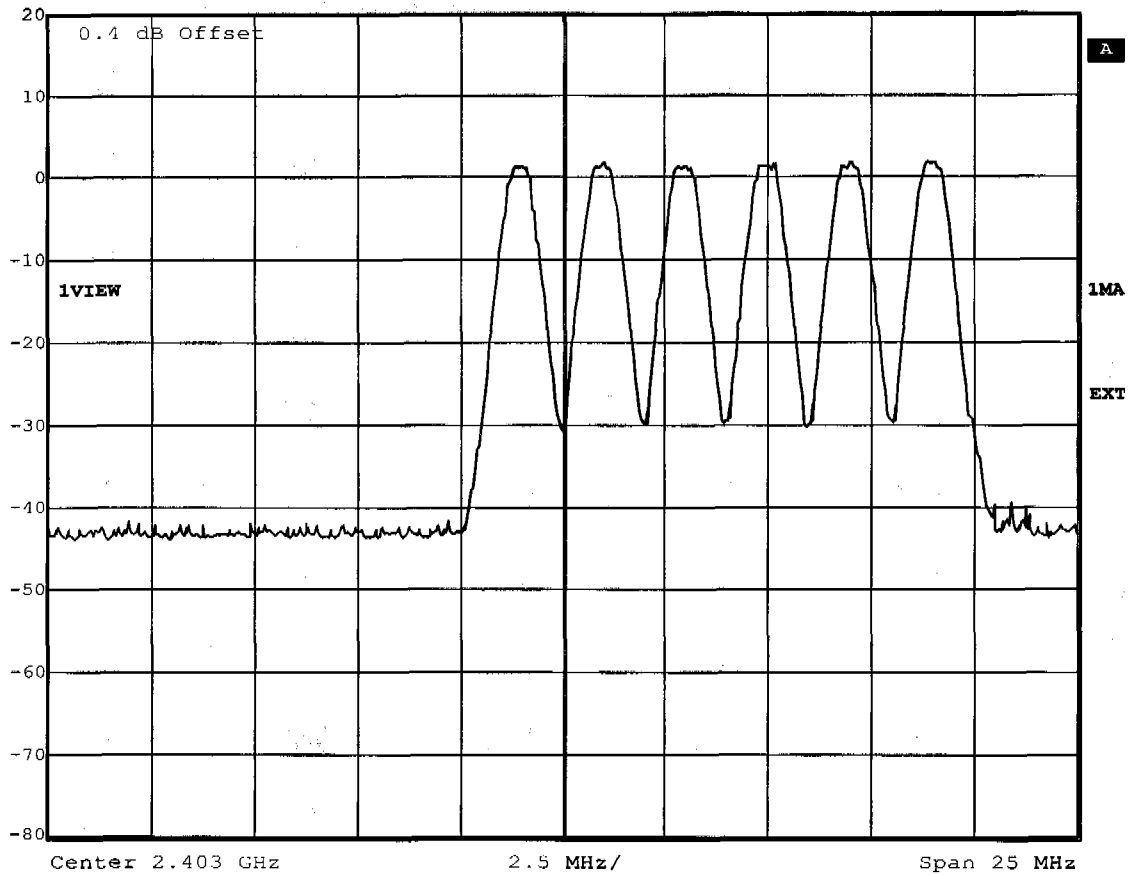


Title: Number of Hopping Frequencies Ch.: 64-78
Comment A: Nokia HS-59W
Date: 27.MAR.2006 15:12:11



Ref Lvl
20 dBm

RBW 300 kHz RF Att 40 dB
VBW 300 kHz
SWT 5 ms Unit dBm

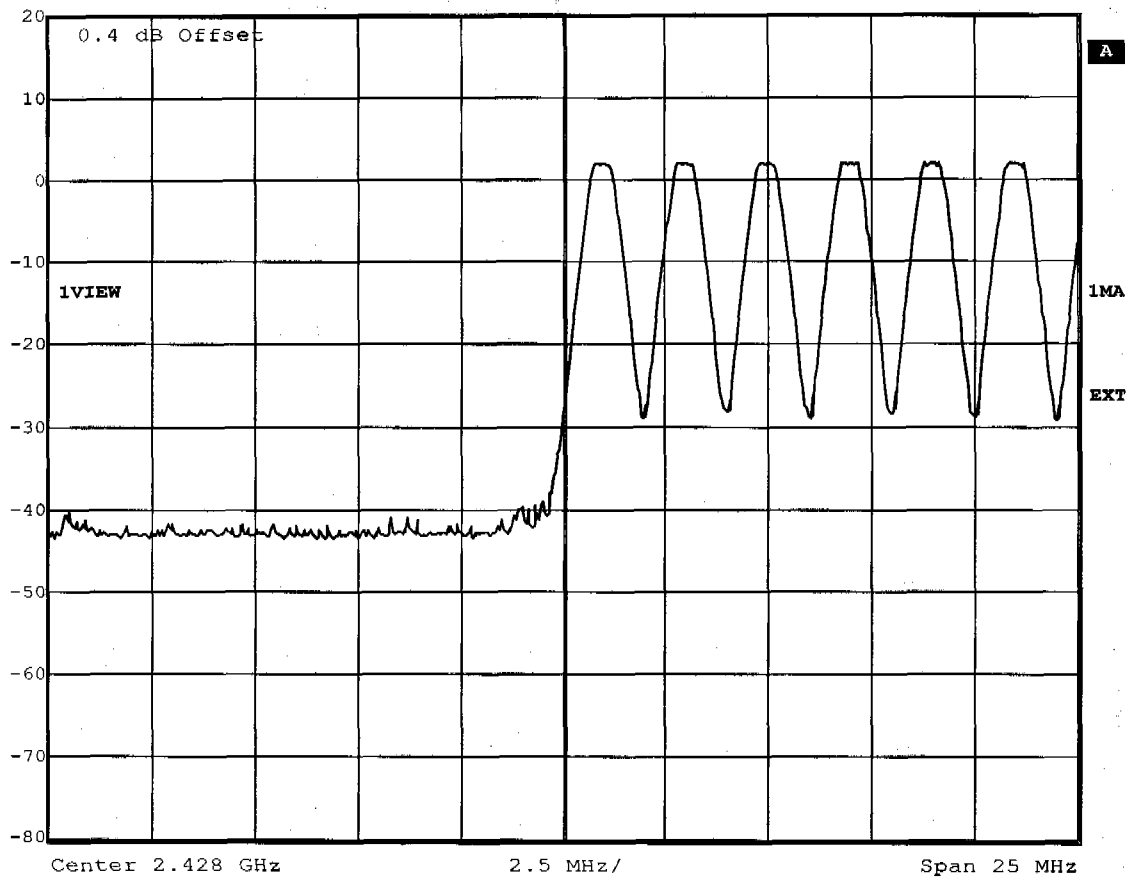


Title: Number of Hopping Frequencies (Master Inquiry Mode)
Comment A: Nokia HS-59W
Date: 27.MAR.2006 15:29:33



Ref Lvl
20 dBm

RBW 300 kHz RF Att 40 dB
VBW 300 kHz
SWT 5 ms Unit dBm

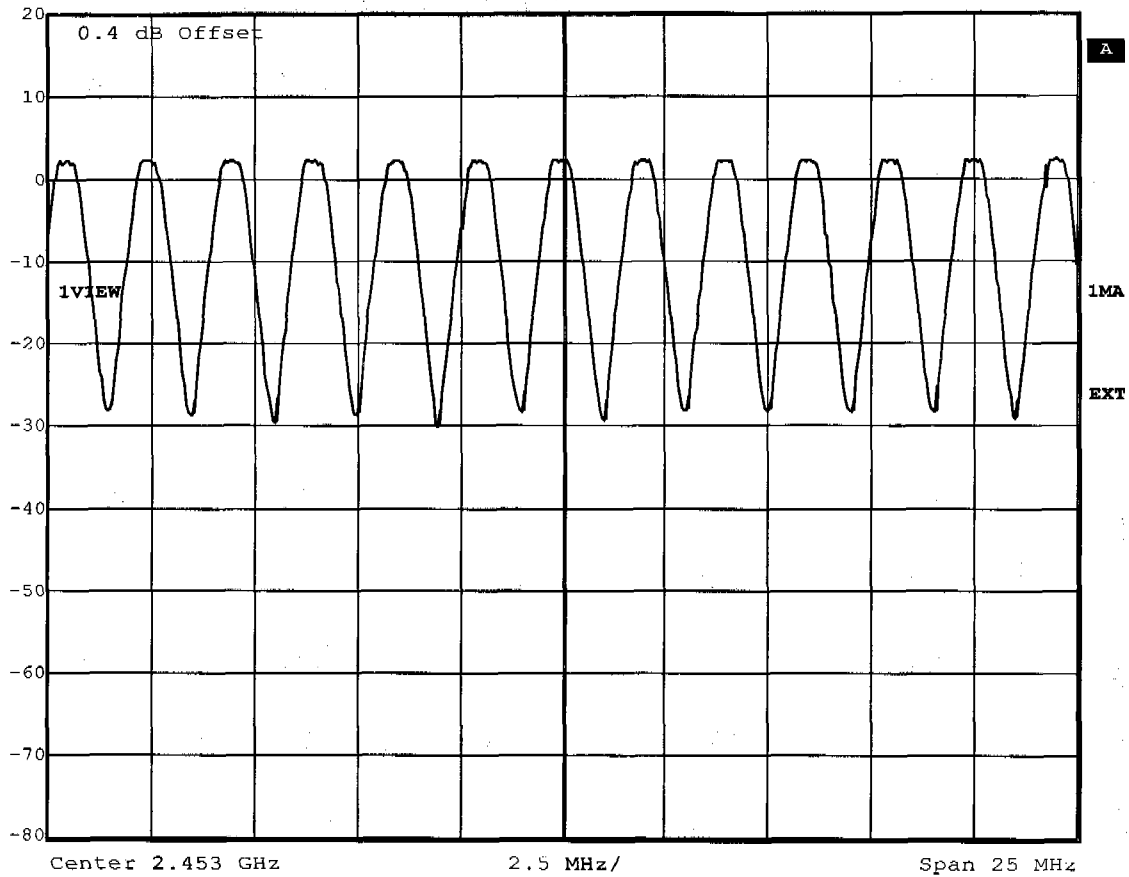


Title: Number of Hopping Frequencies (Master Inquiry Mode)
Comment A: Nokia HS-59W
Date: 27.MAR.2006 15:34:48



Ref Lvl
20 dBm

RBW 300 kHz RF Att 40 dB
VBW 300 kHz
SWT 5 ms Unit dBm

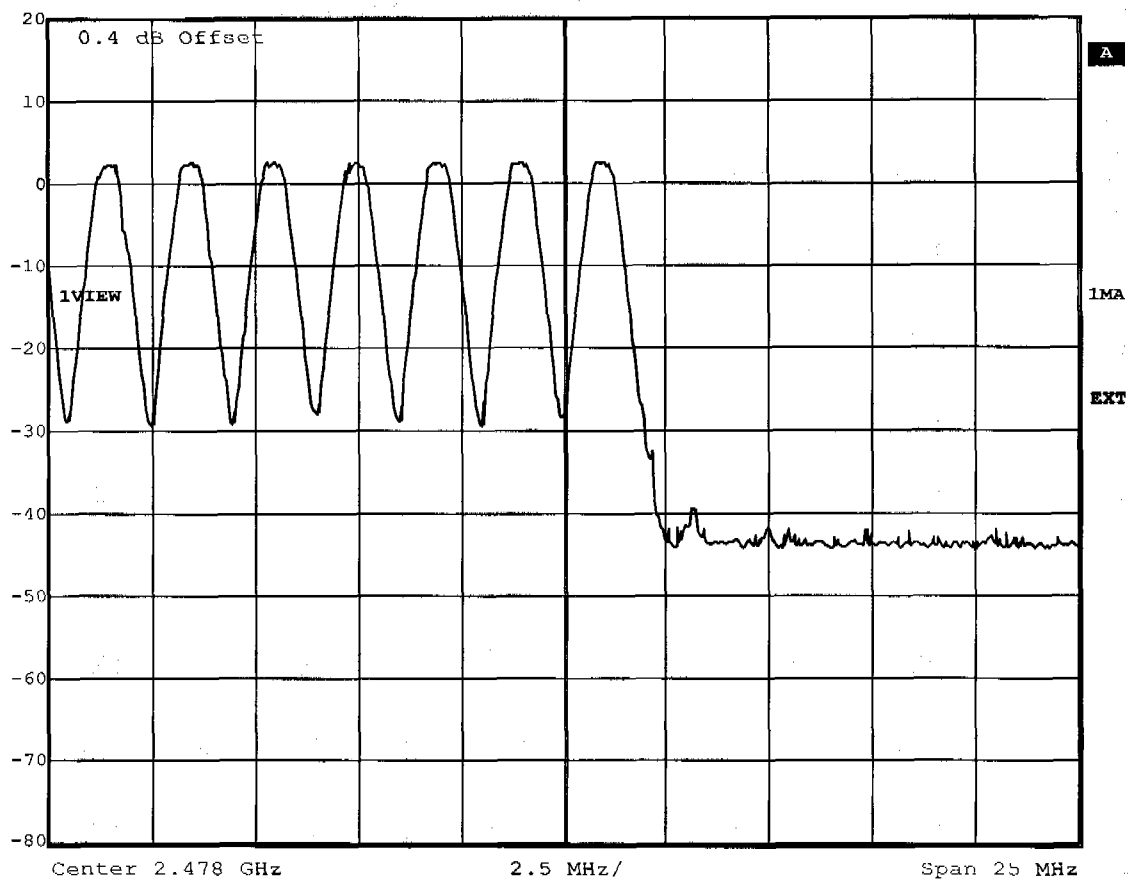


Title: Number of Hopping Frequencies (Master Inquiry Mode)
Comment A: Nokia HS-59W
Date: 27.MAR.2006 15:37:46



Ref Lvl
20 dBm

RBW 300 kHz RF Att 40 dB
VBW 300 kHz
SWT 5 ms Unit dBm



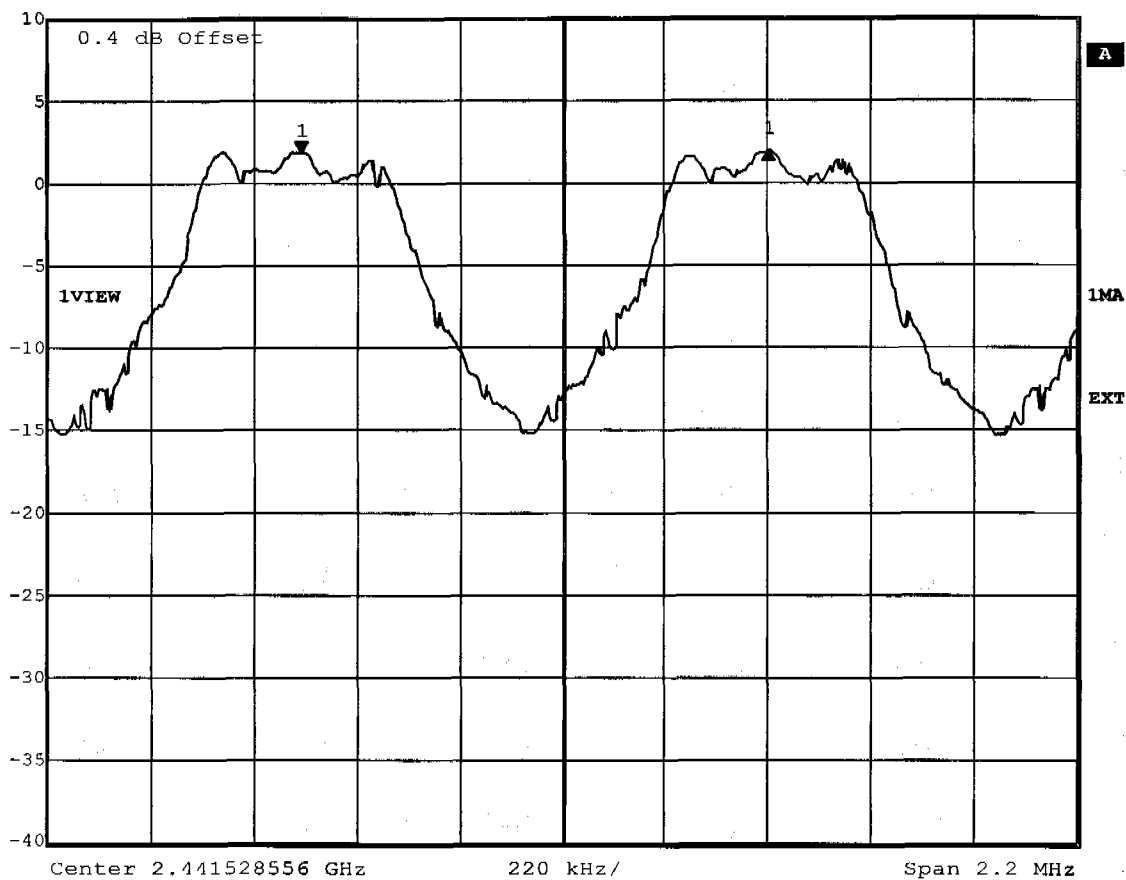
Title: Number of Hopping Frequencies (Master Inquiry Mode)
Comment A: Nokia HS-59W
Date: 27.MAR.2006 15:39:54

Appendix G

Carrier frequency separation



Delta 1 [T1] RBW 100 kHz RF Att 40 dB
Ref Lvl 0.05 dB VBW 100 kHz
10 dBm 1.00080160 MHz SWT 5 ms Unit dBm



Title: Carrier Frequency Separation
Comment A: Nokia HS-59W
Date: 27.MAR.2006 15:00:32

Appendix H

Spurious emission conducted

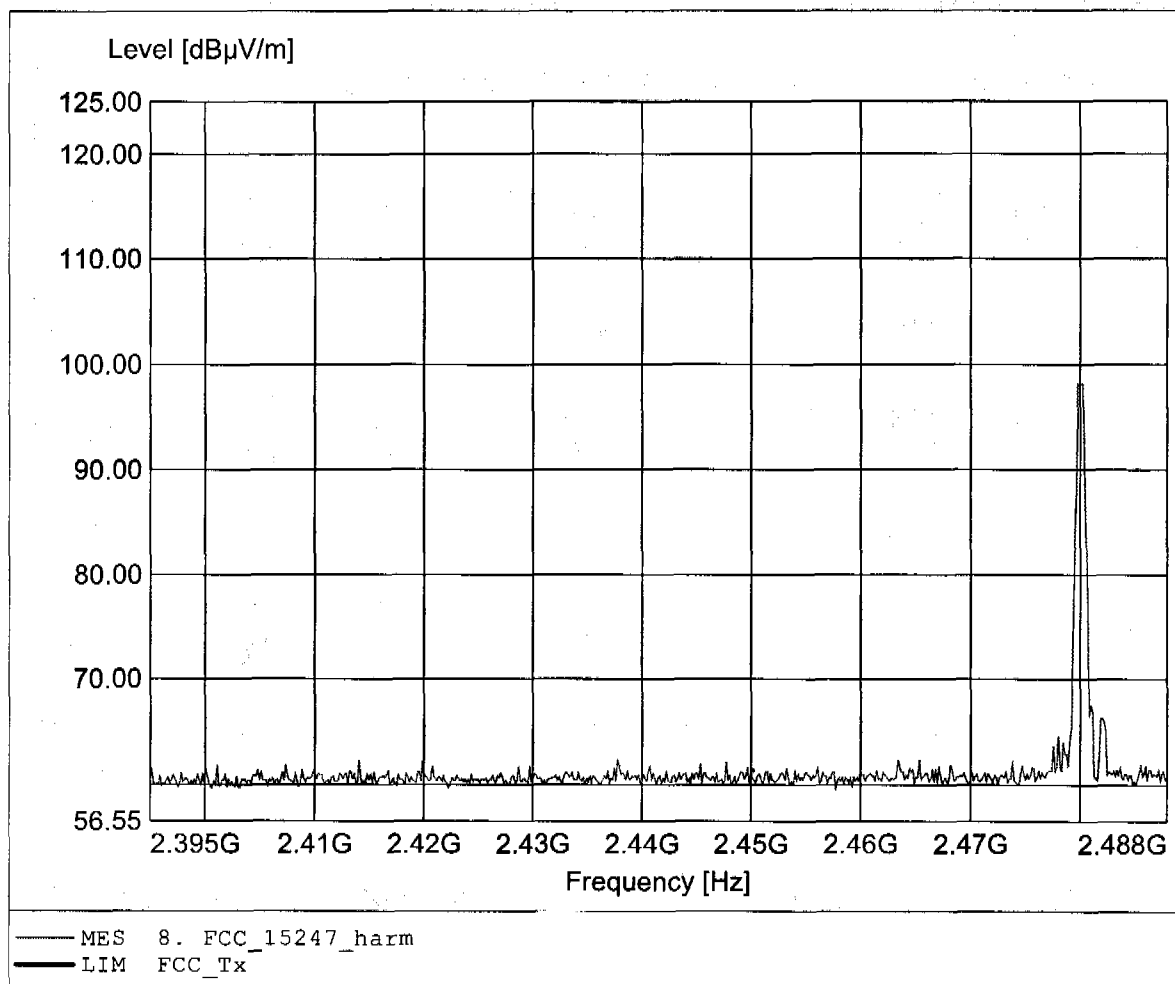
Appendix I

Spurious emission radiated

Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

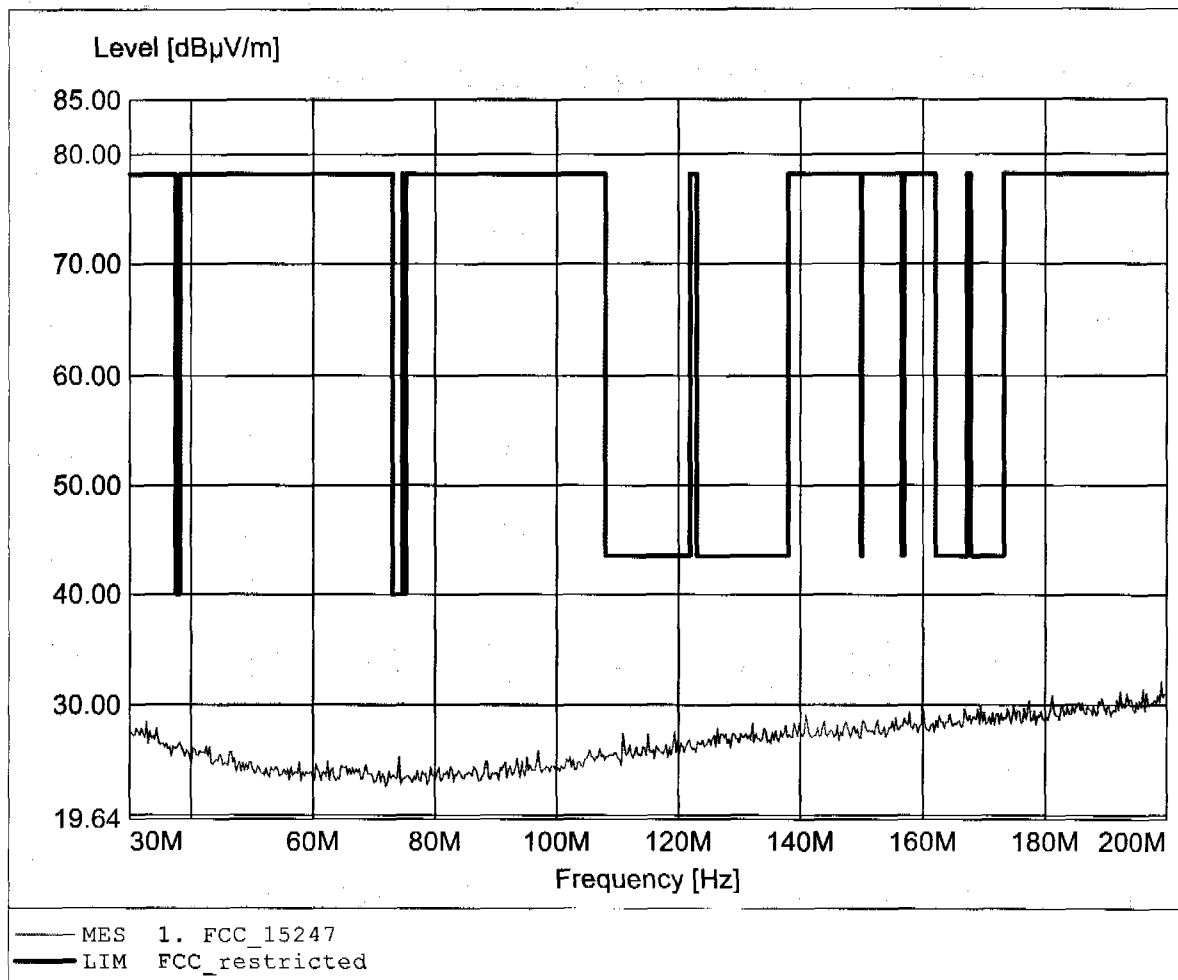
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Emax: 98.18dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

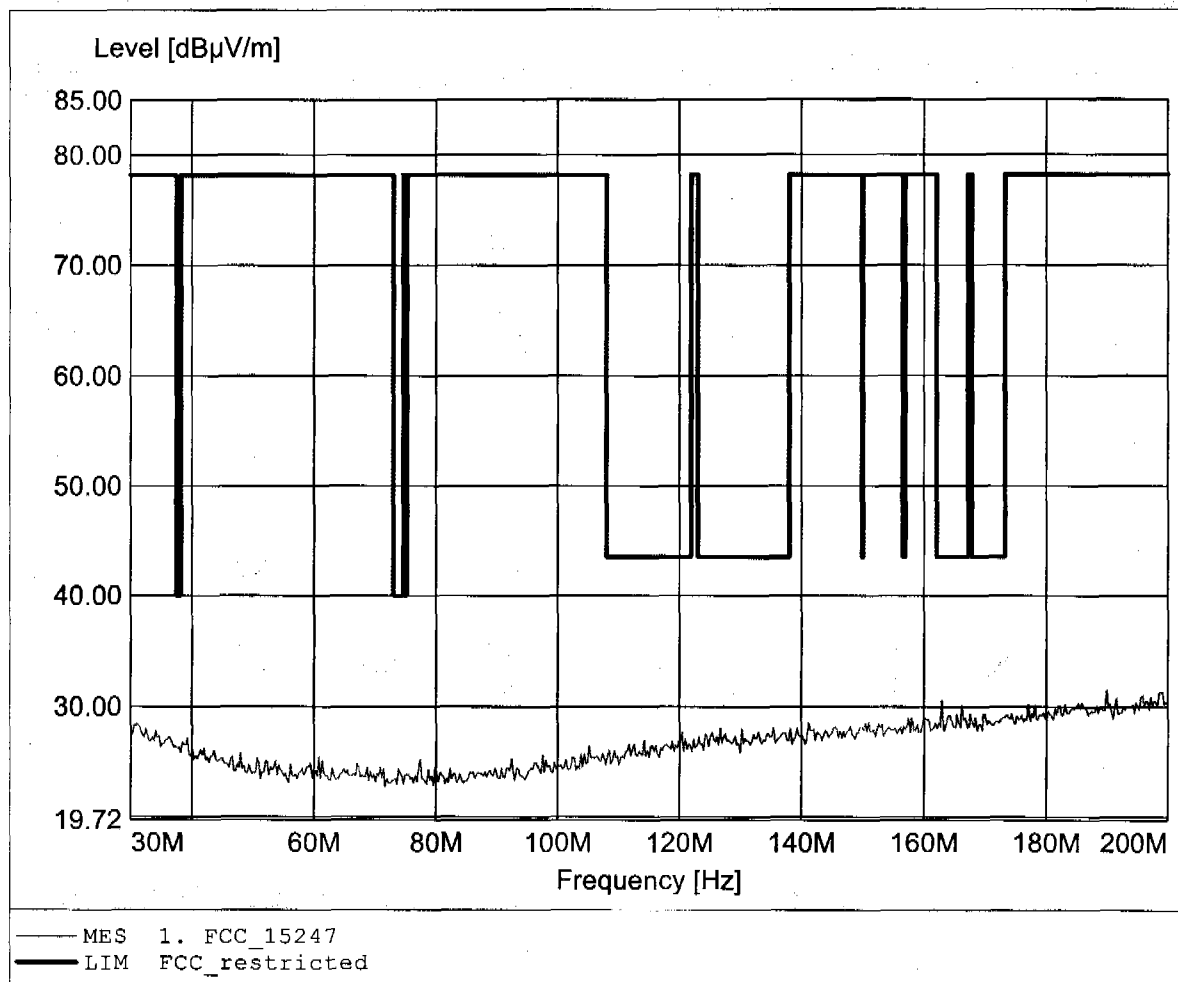
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 199.183MHz, Emax: 32.12dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

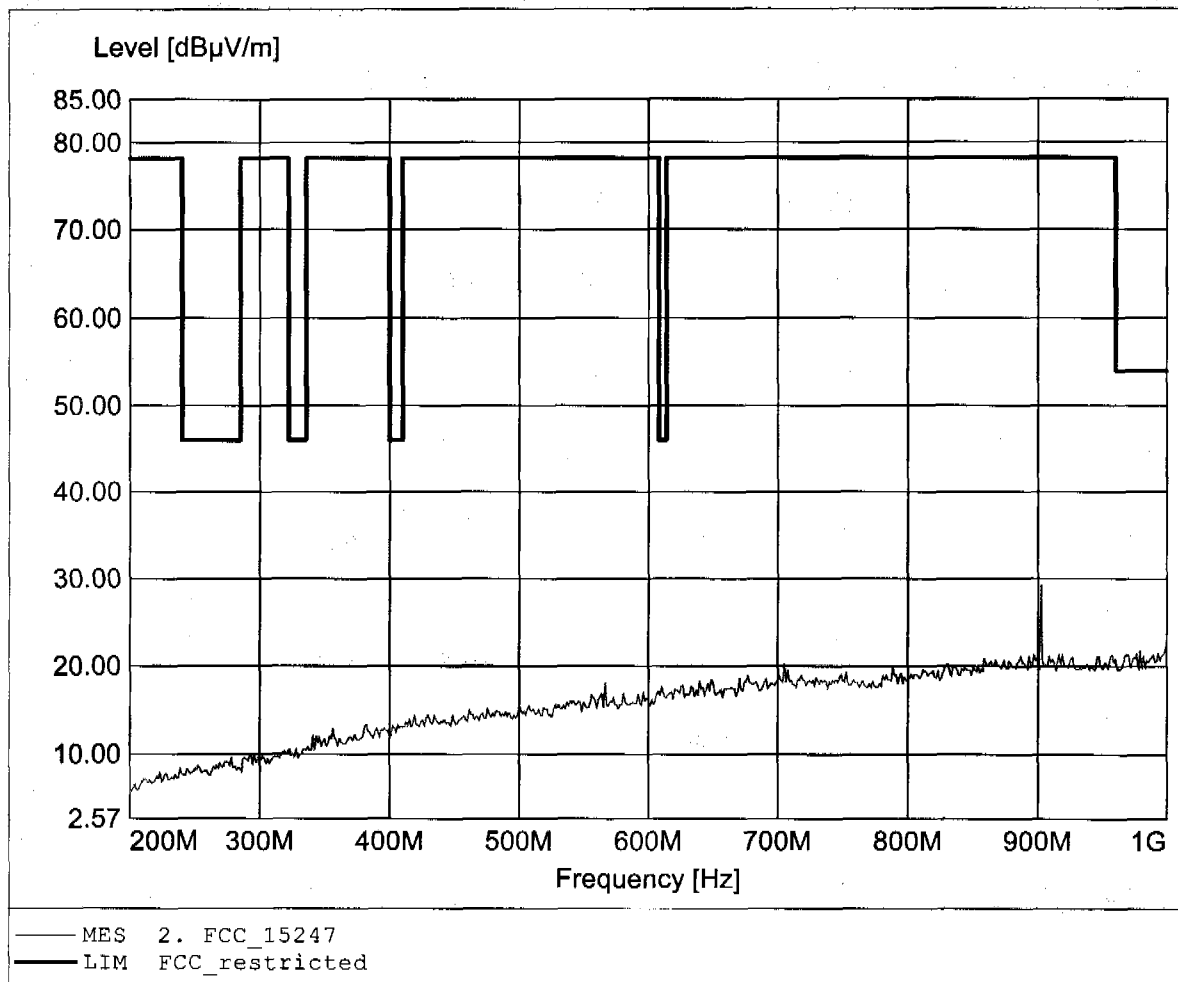
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 189.920MHz, Emax: 31.48dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

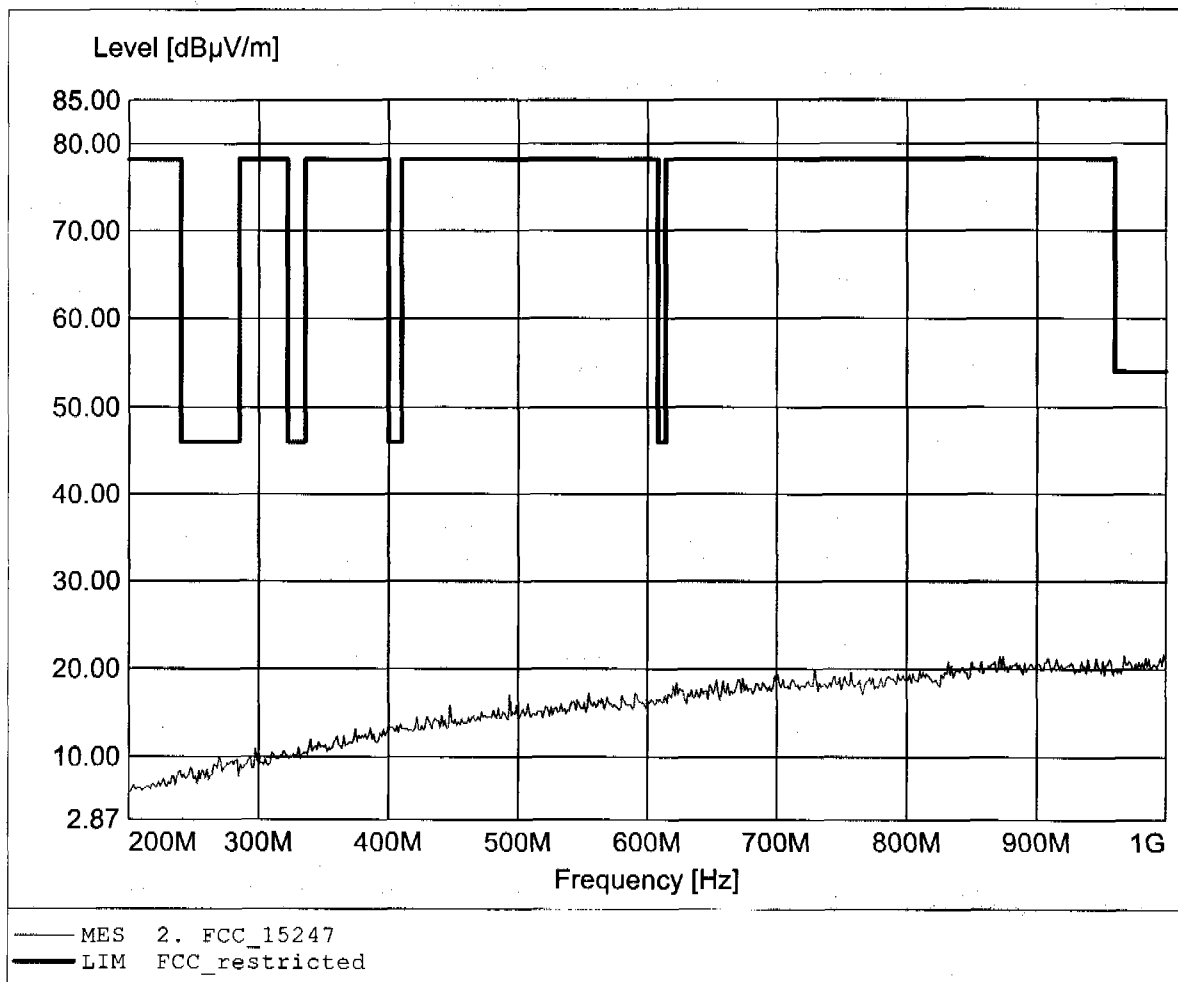
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 902.564MHz, Emax: 29.29dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

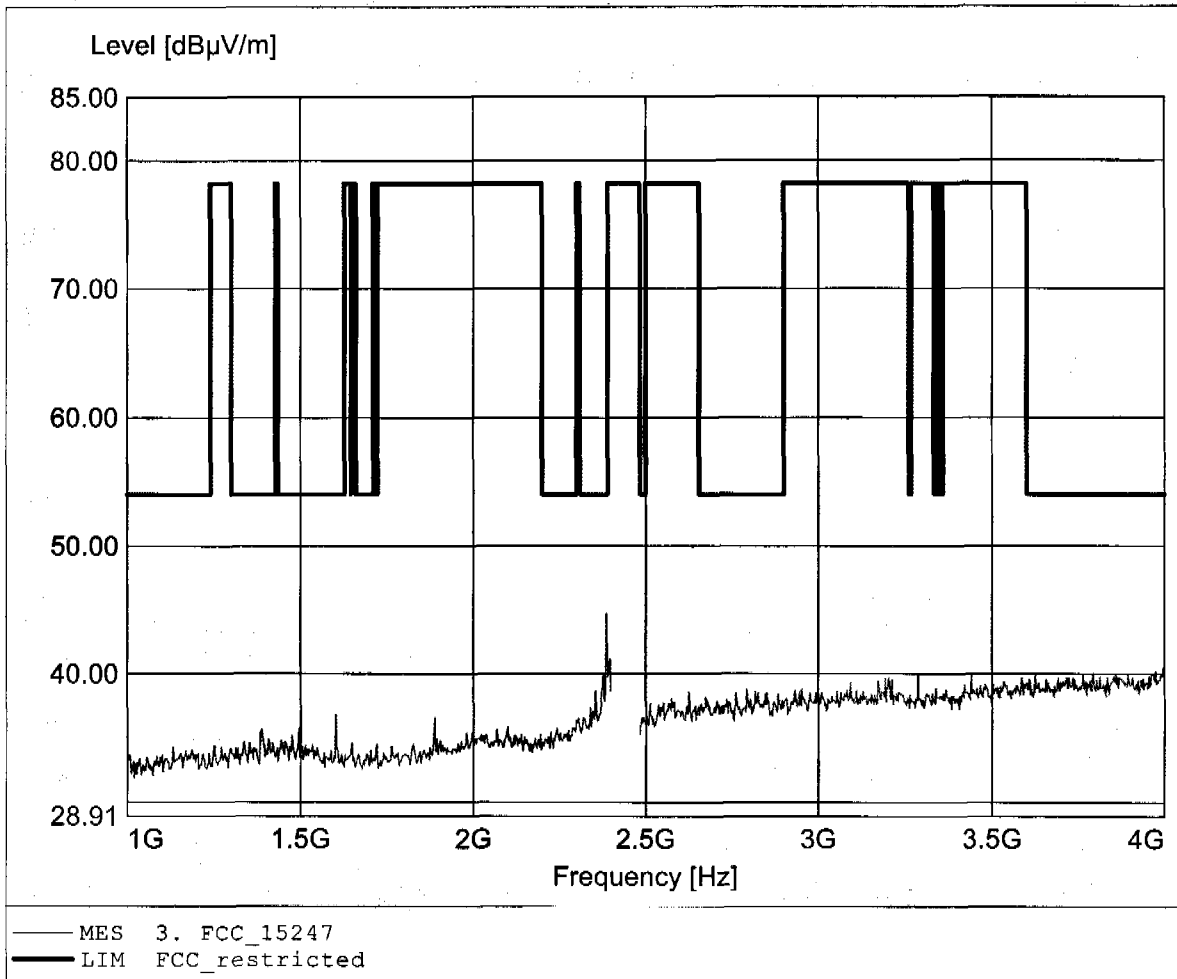
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 998.718MHz, Emax: 21.63dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

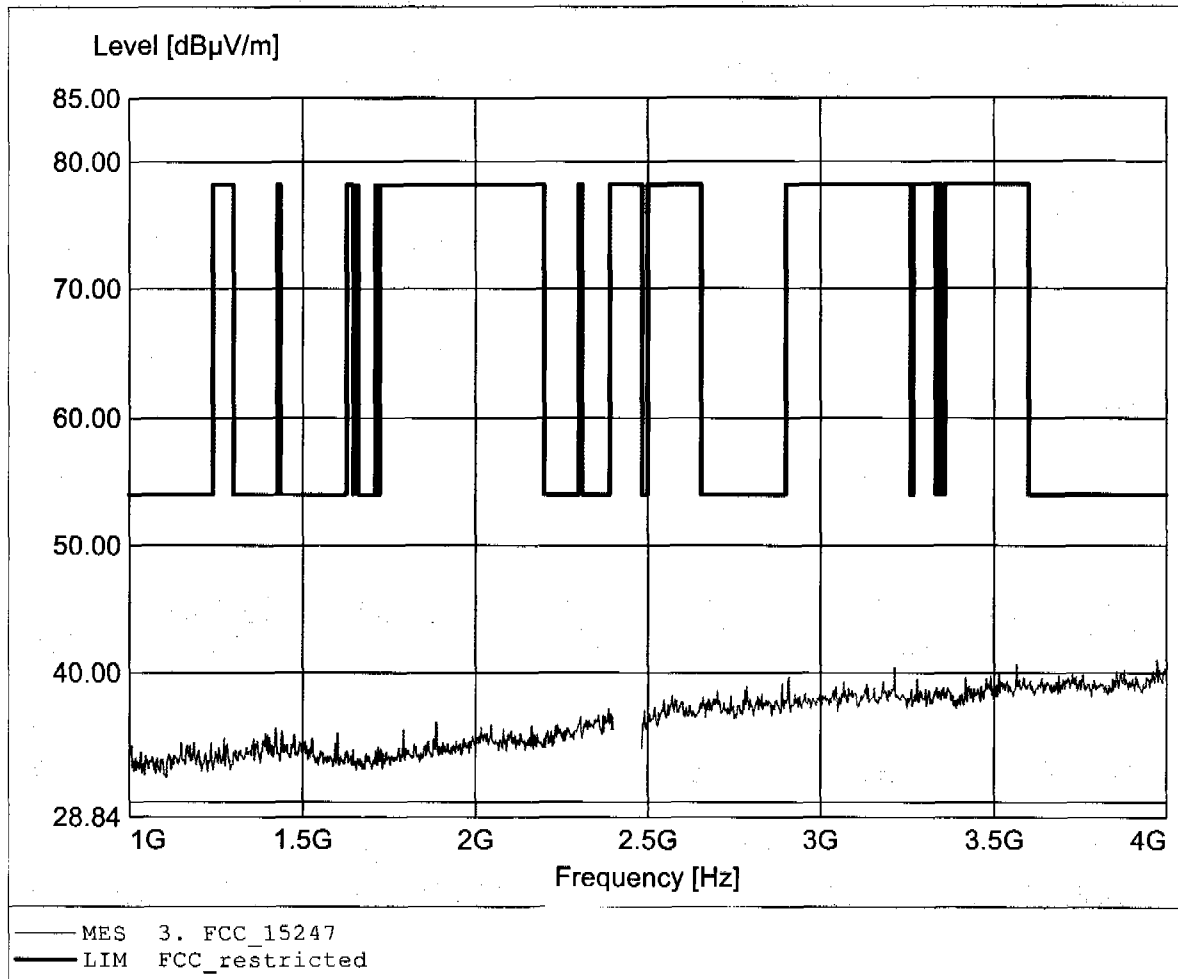
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.387GHz, Emax: 44.67dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

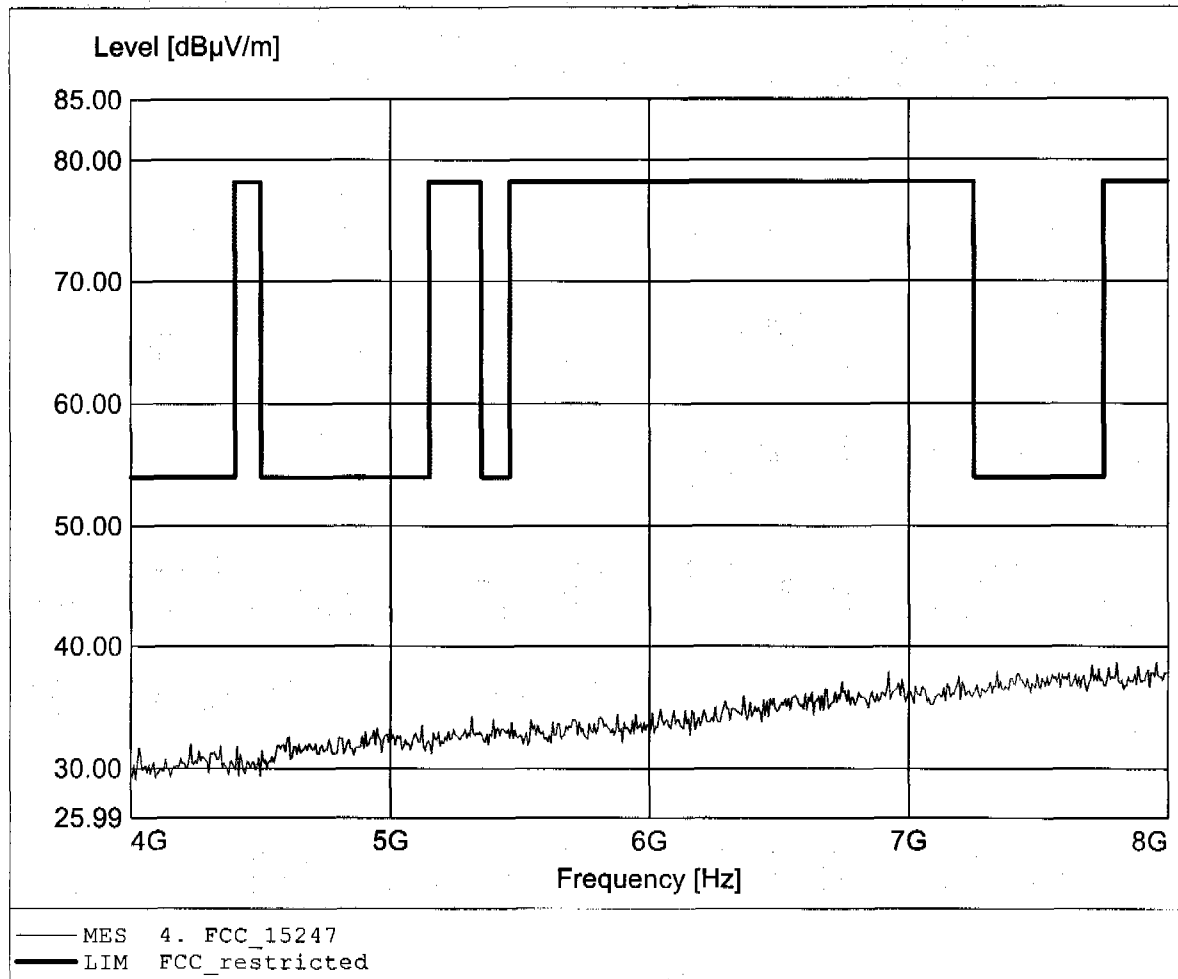
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.973GHz, Emax: 40.98dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

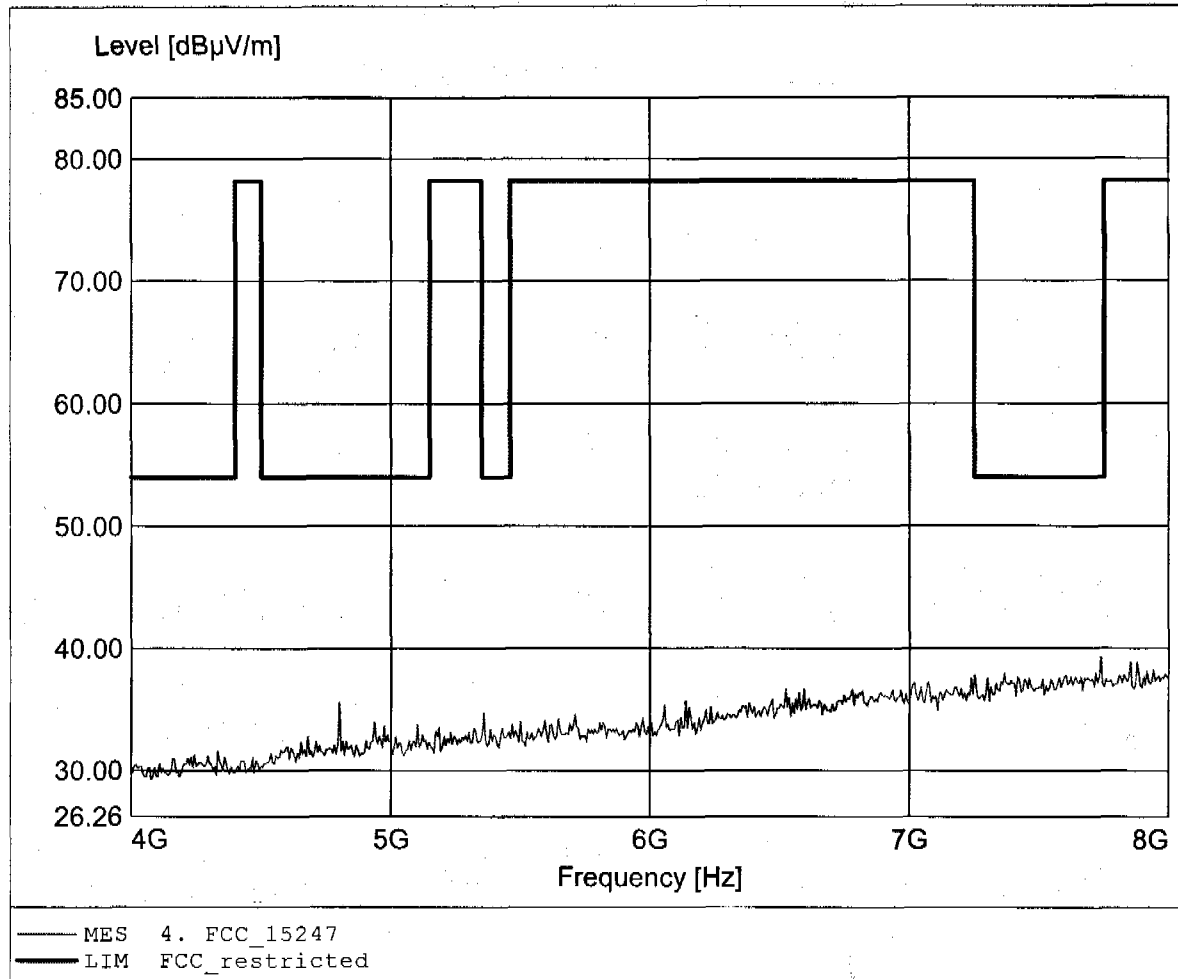
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.955GHz, Emax: 38.66dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

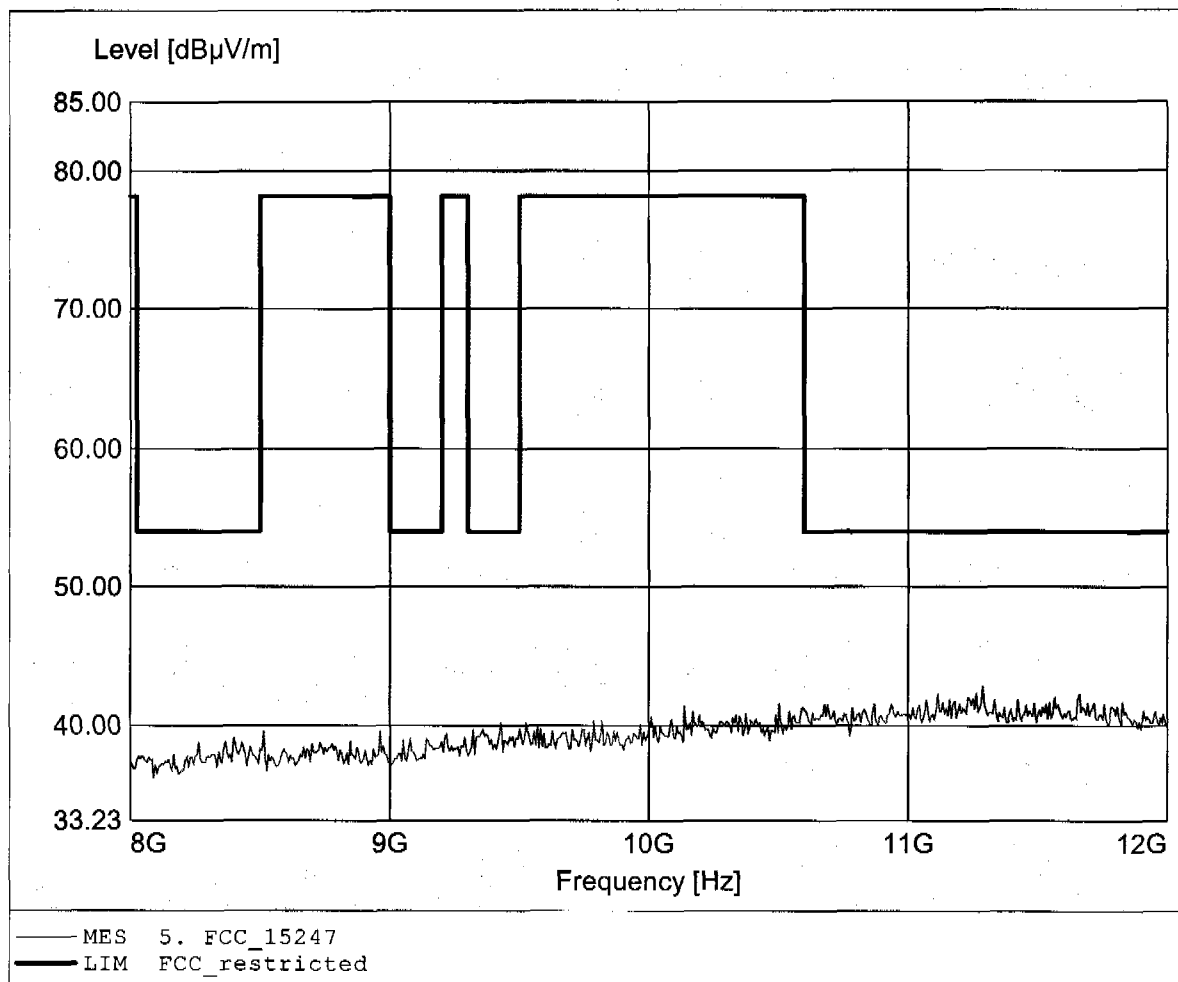
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.737GHz, Emax: 39.23dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

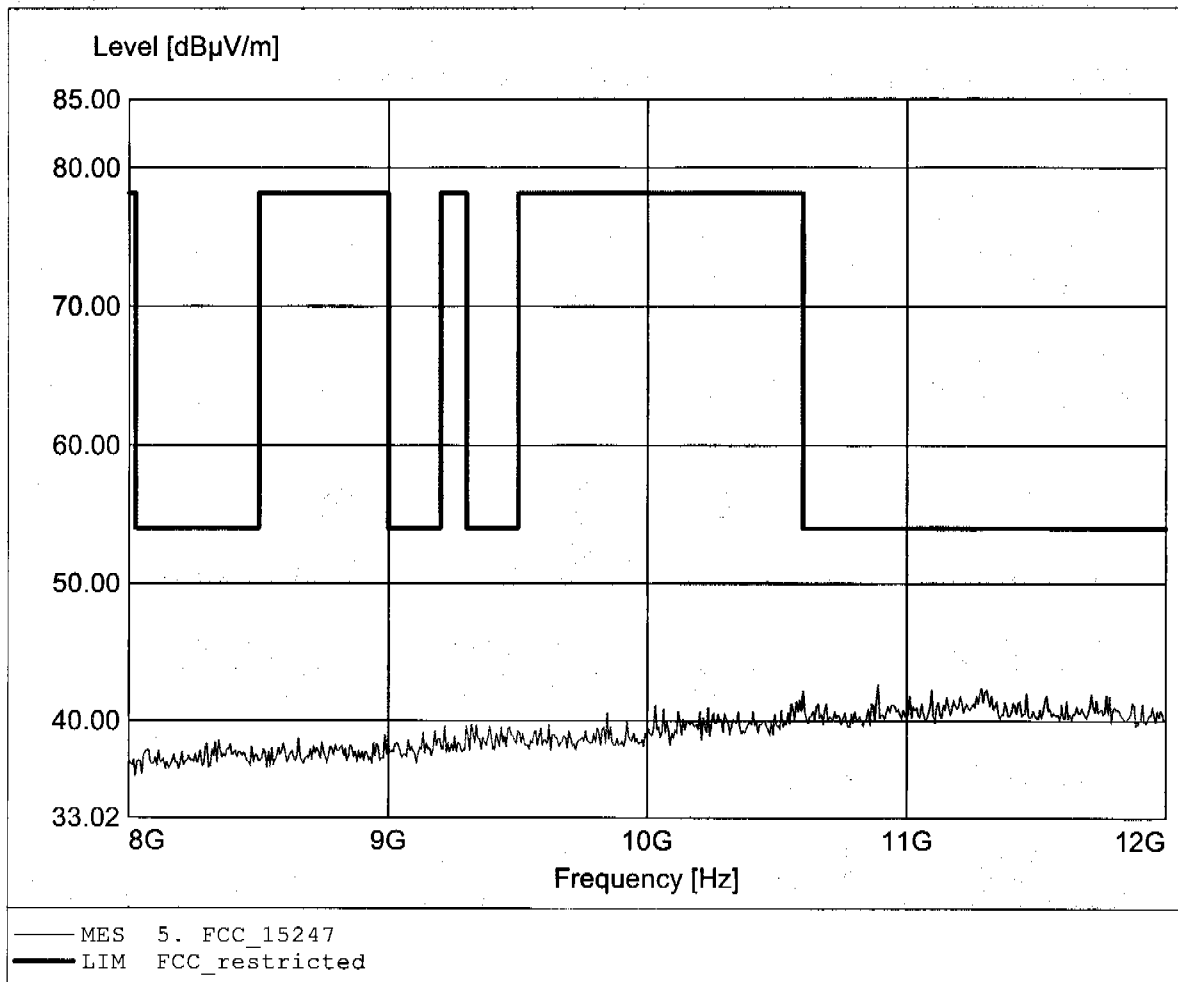
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.288GHz, Emax: 42.84dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

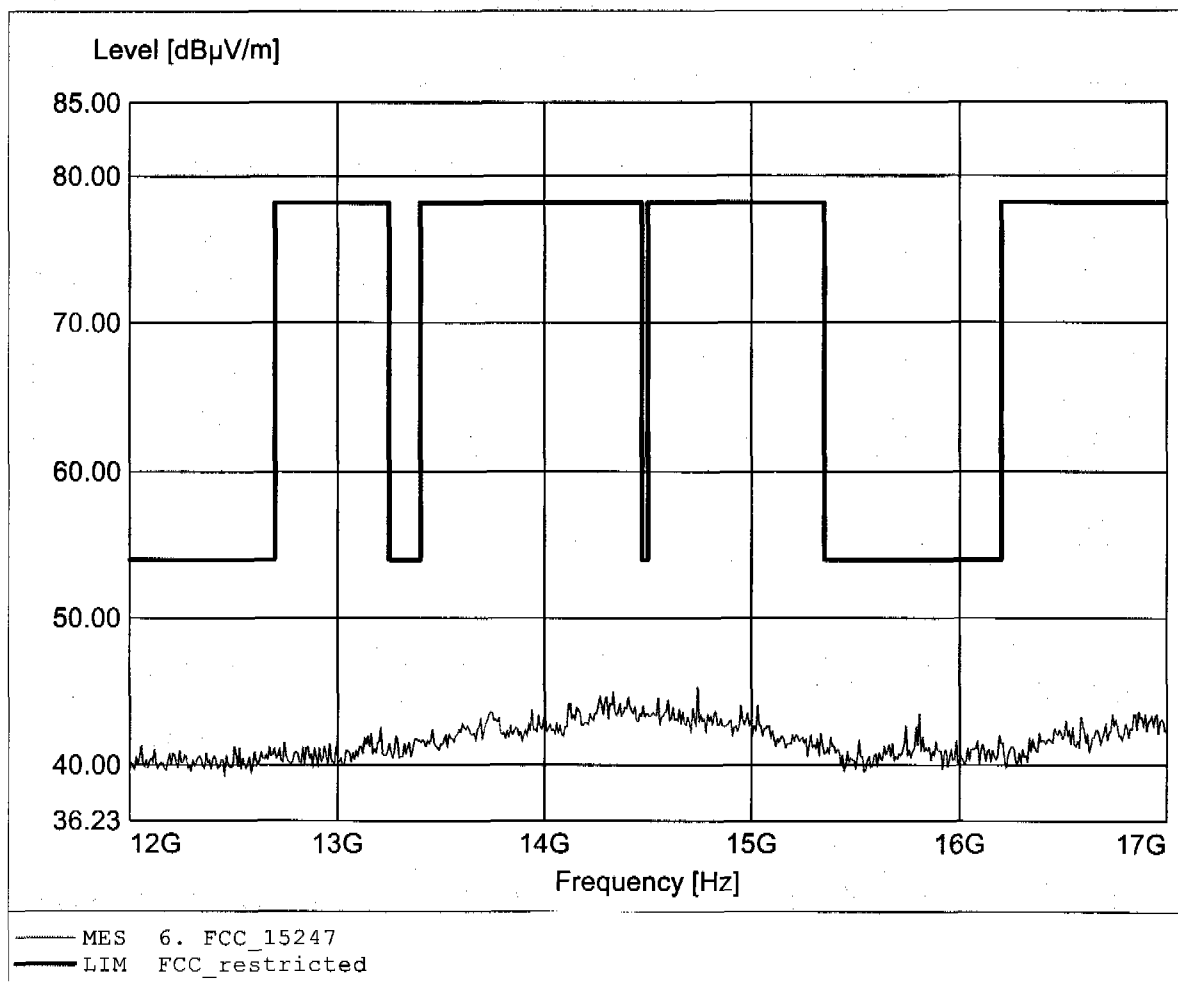
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 10.891GHz, Emax: 42.60dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

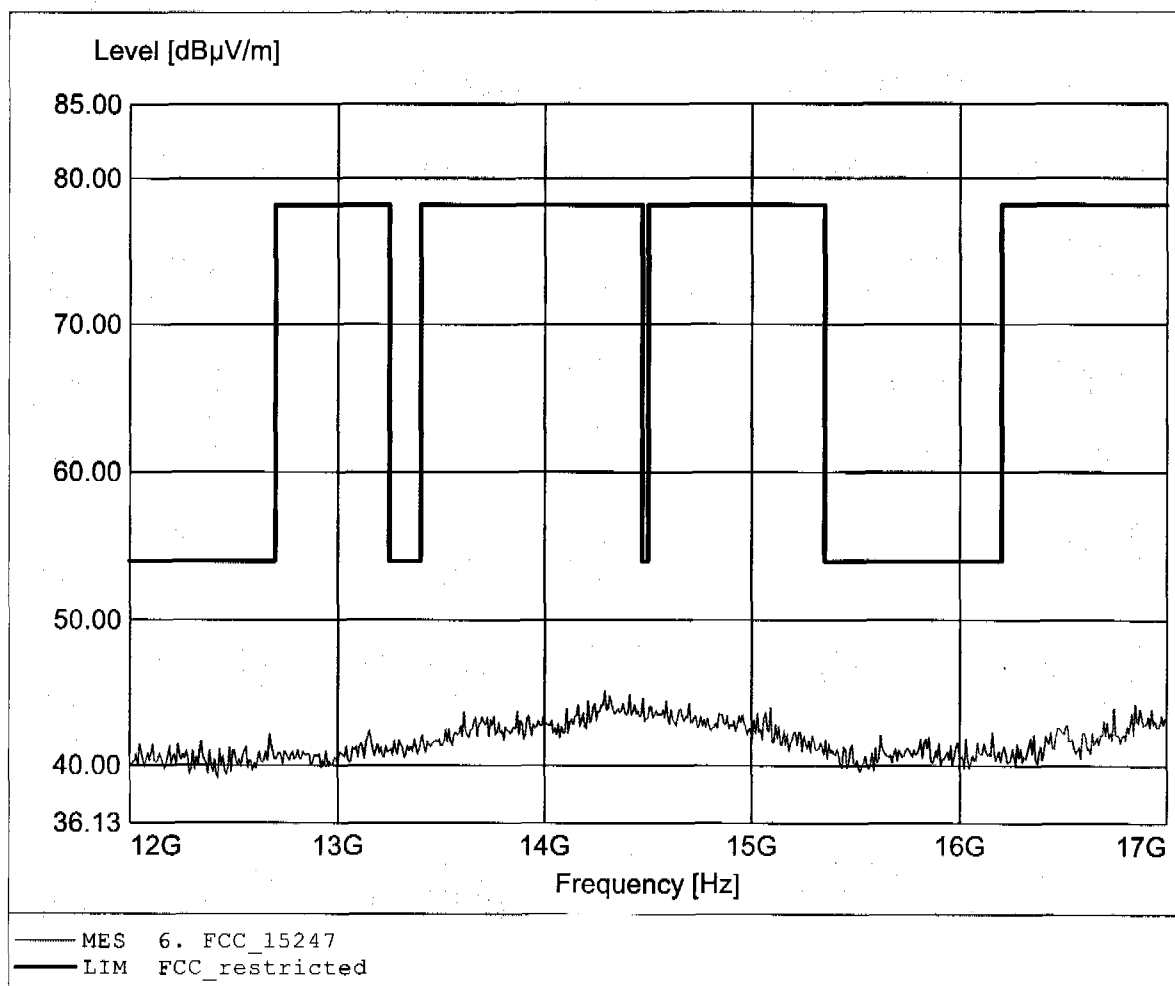
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.740GHz, Emax: 45.29dB μ V/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

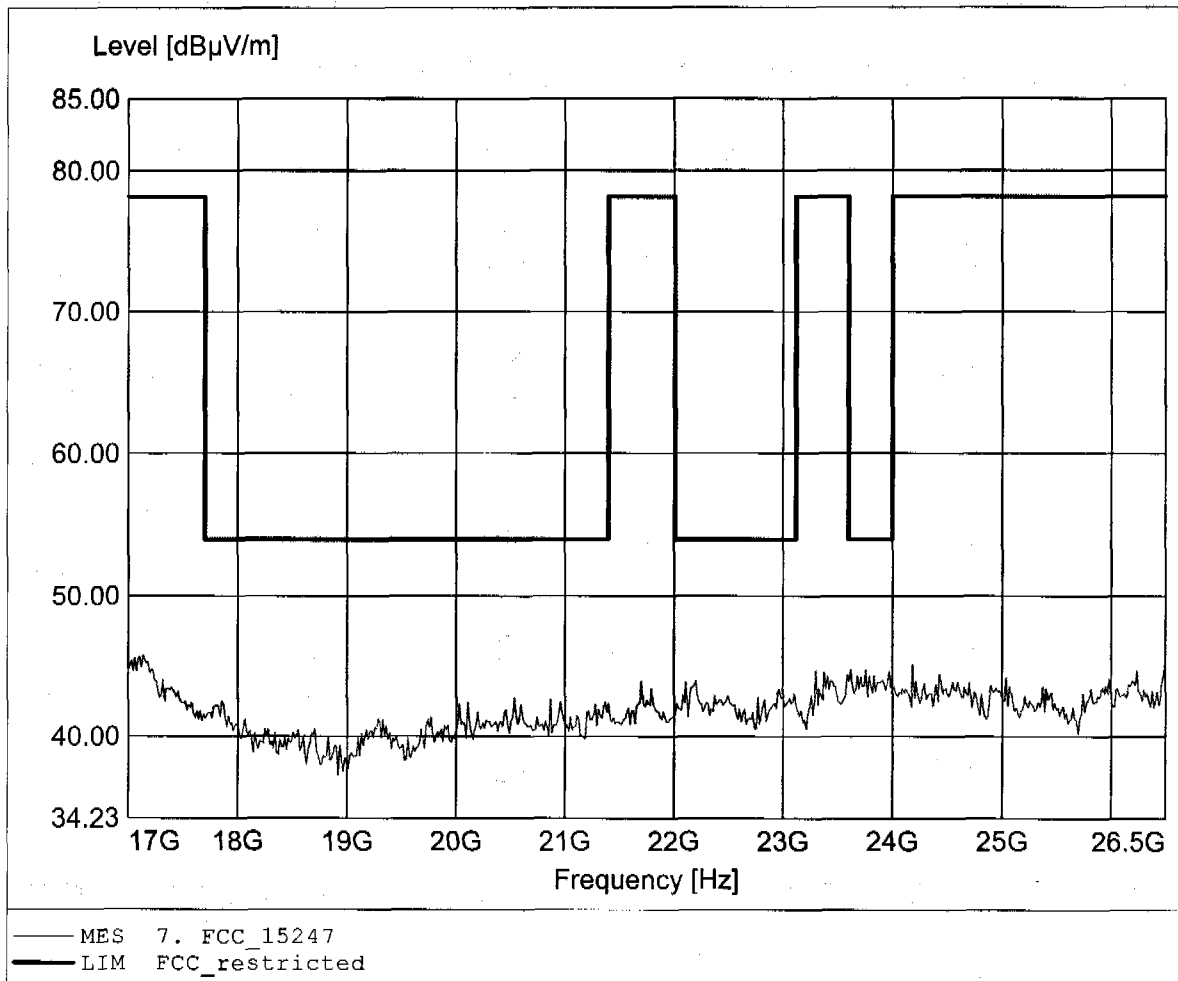
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.292GHz, Emax: 45.15dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

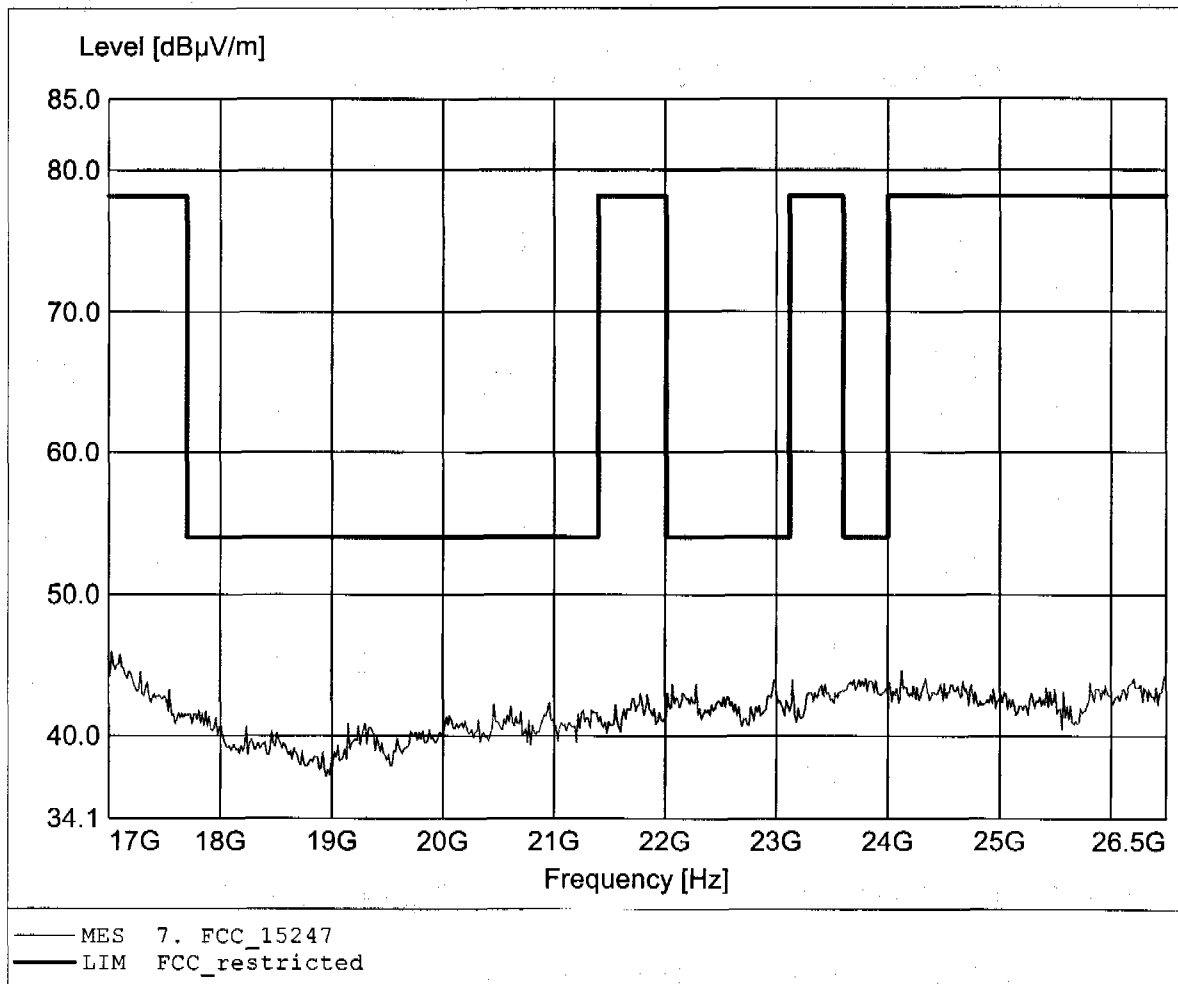
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.137GHz, Emax: 45.78dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

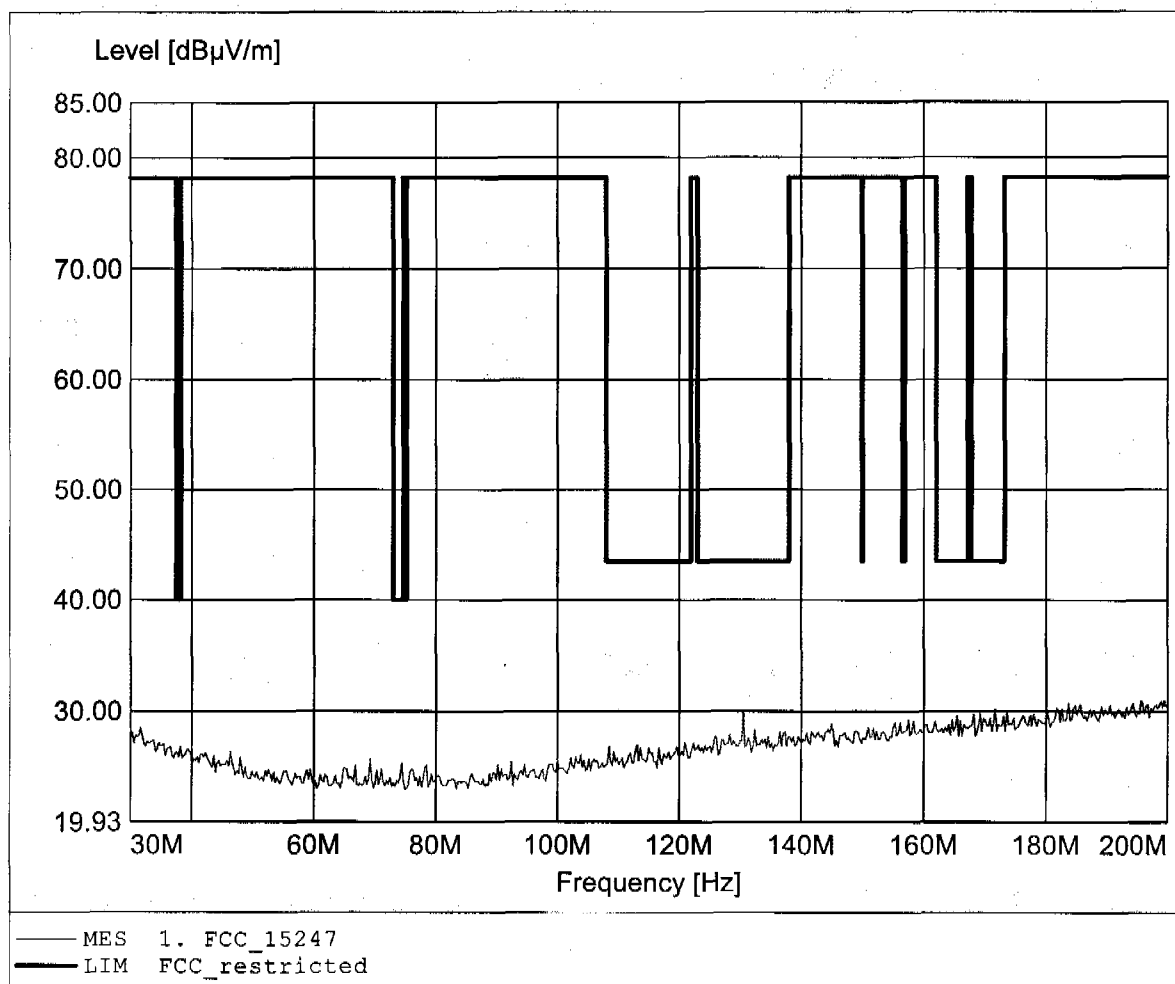
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.030GHz, Emax: 45.91dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

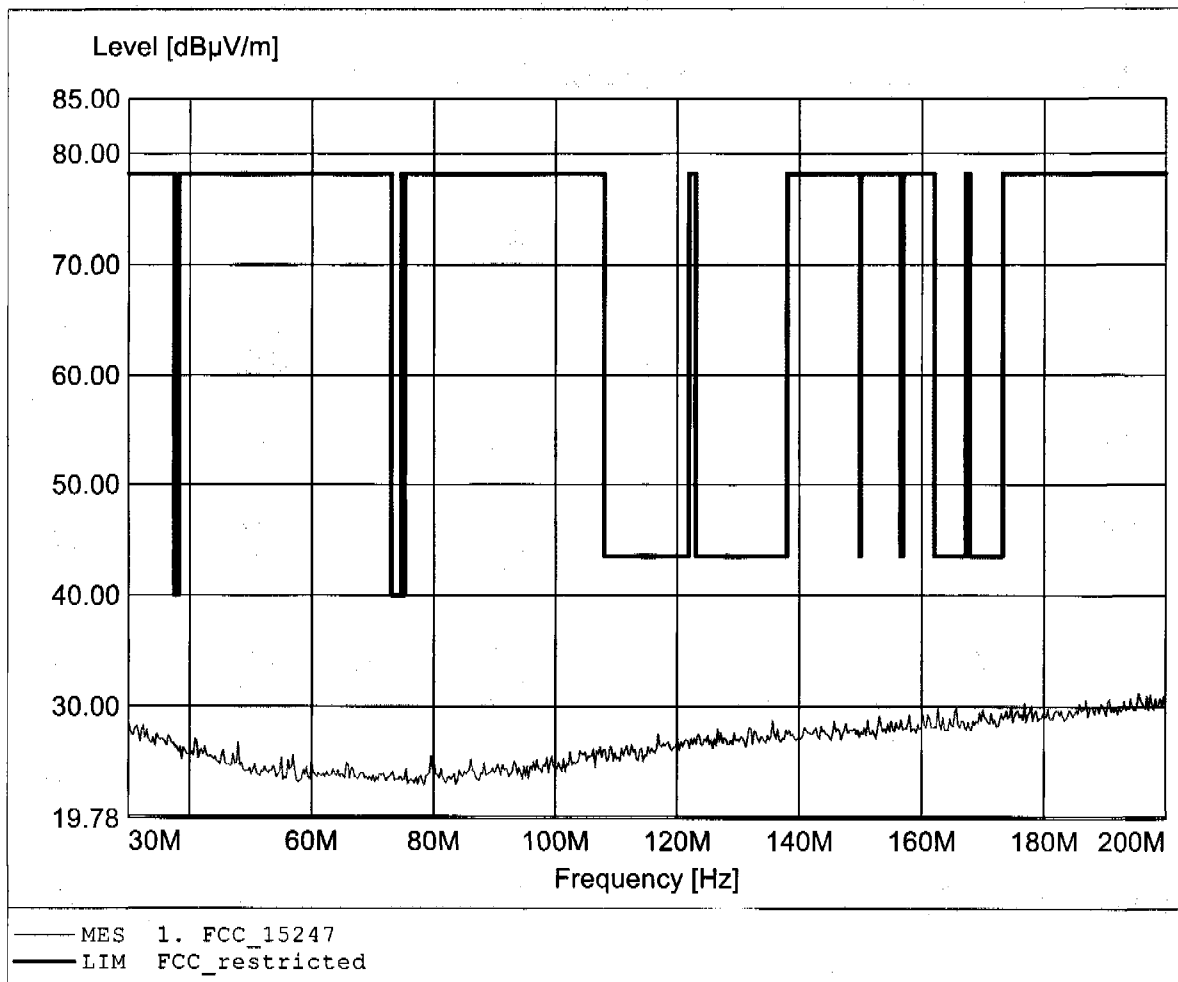
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2441MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 199.455MHz, Emax: 30.99dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

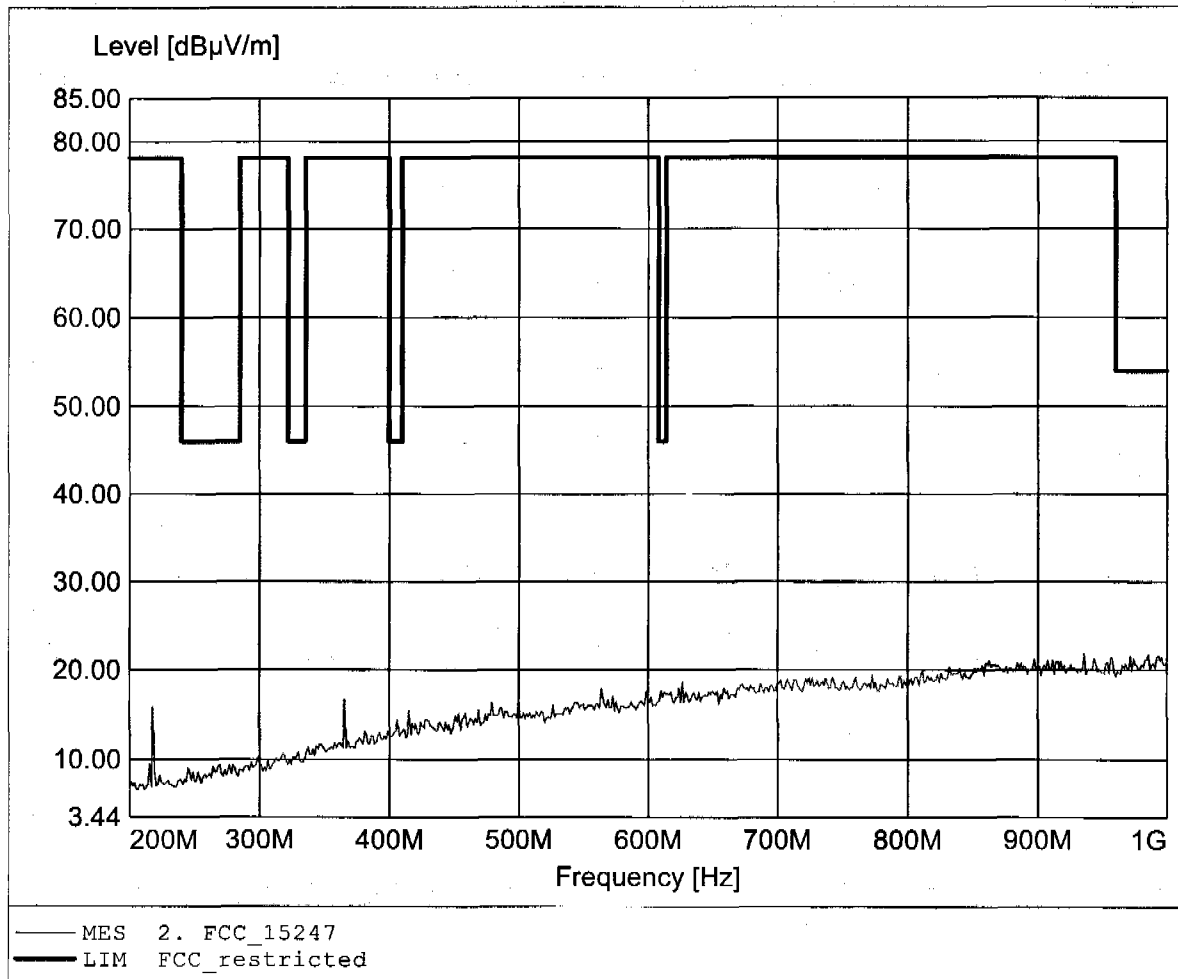
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2441MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 195.641MHz, Emax: 31.20dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

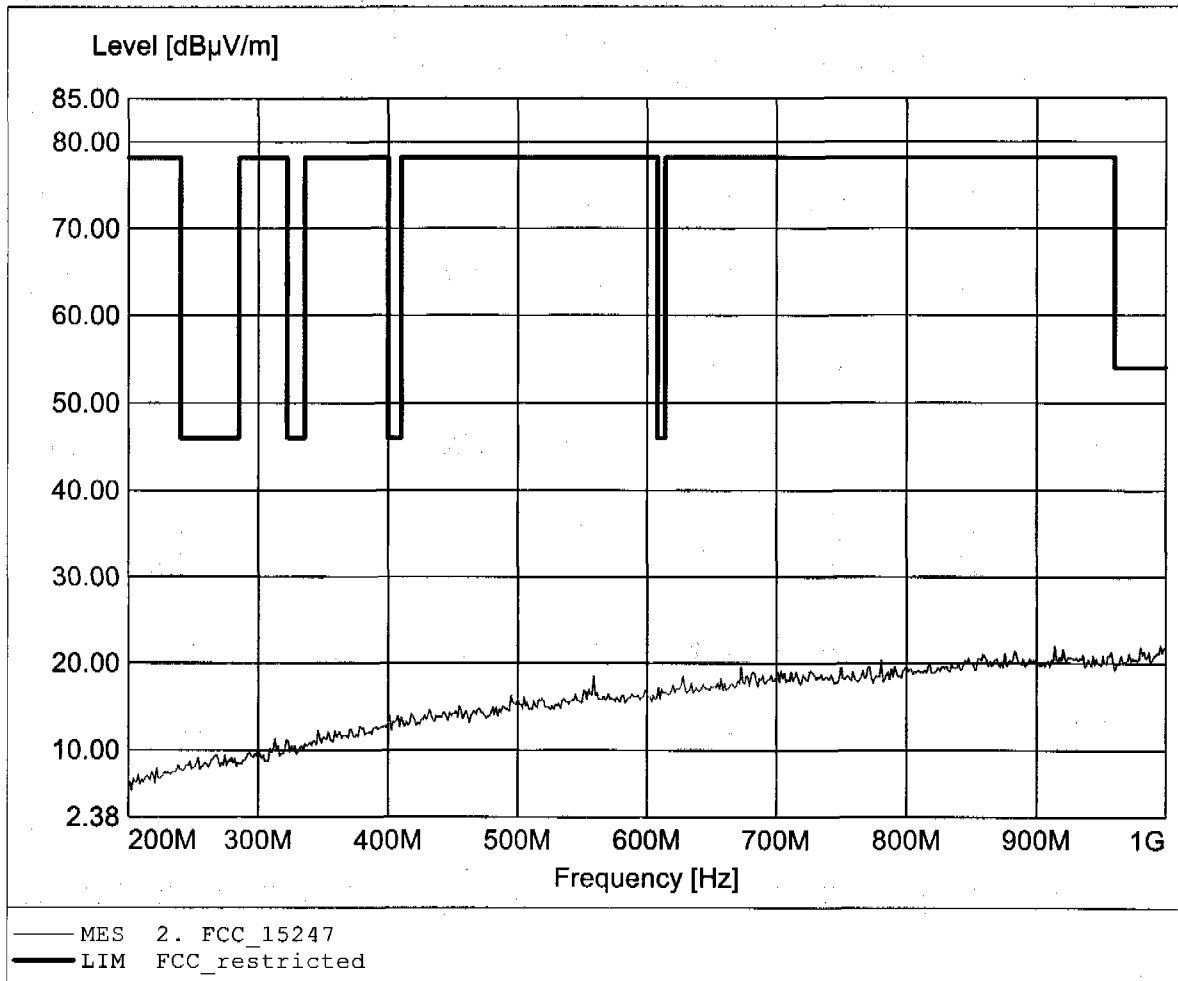
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2441MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 935.897MHz, Emax: 21.85dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

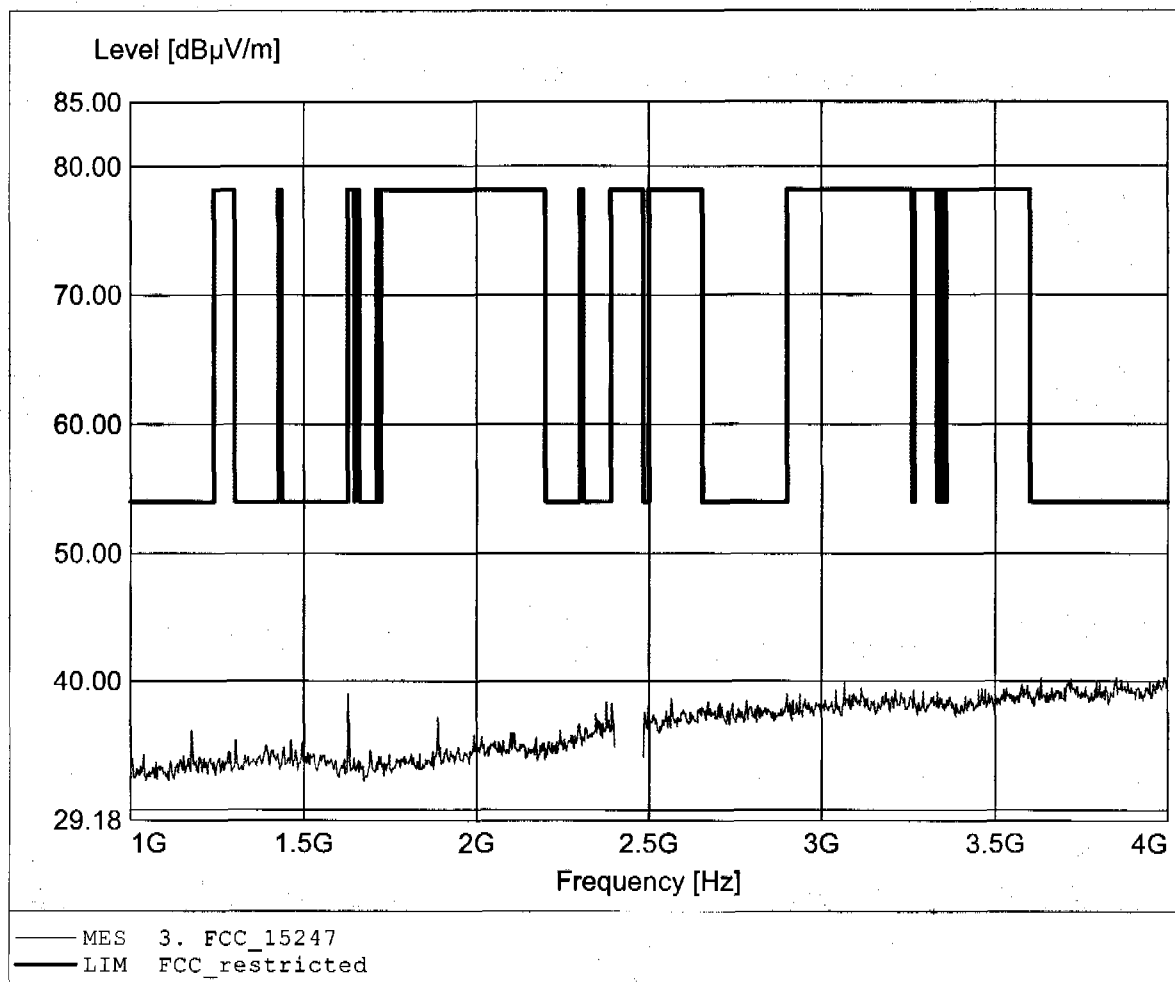
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2441MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 996.154MHz, Emax: 22.05dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

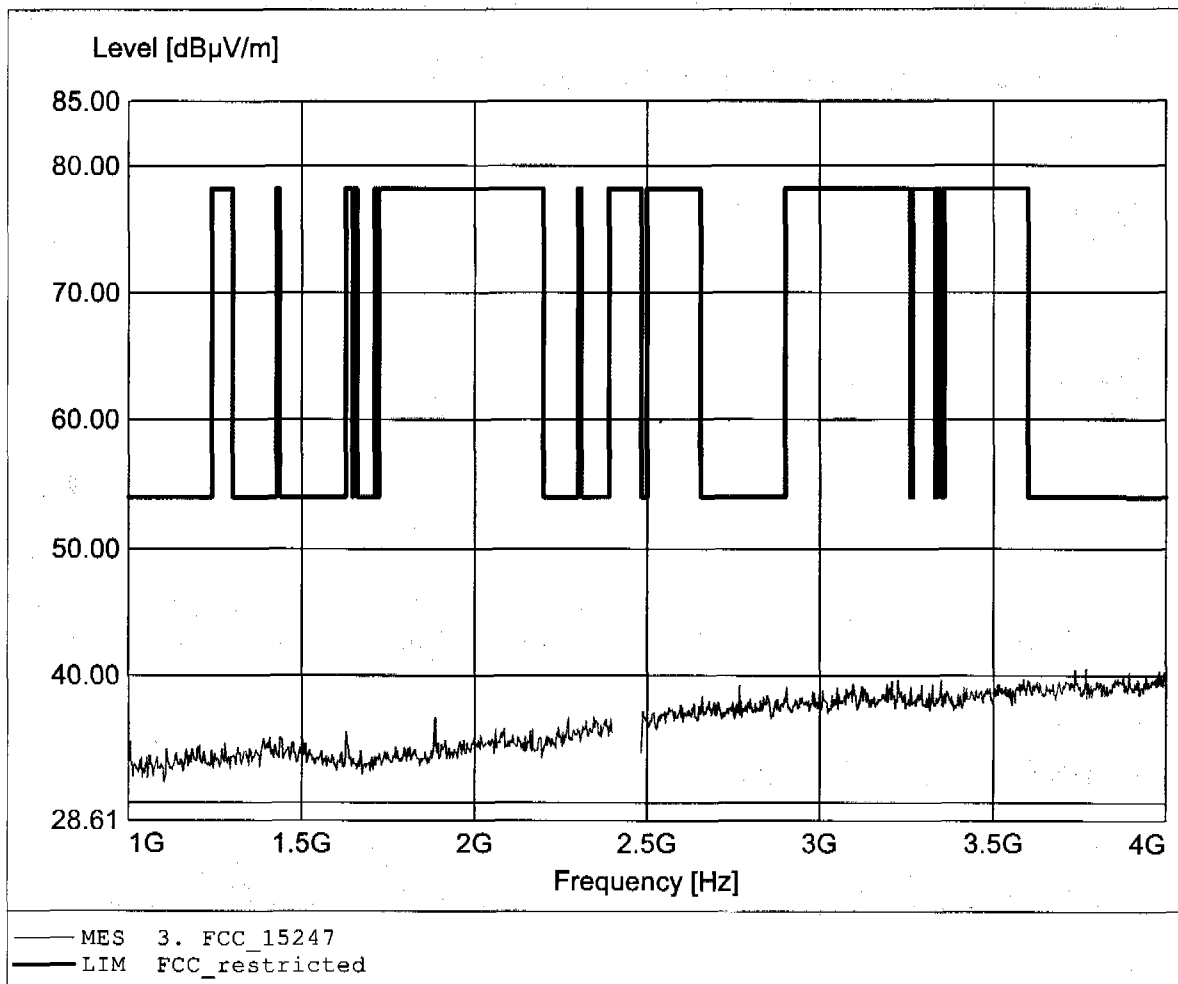
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2441MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.993GHz, Emax: 40.30dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

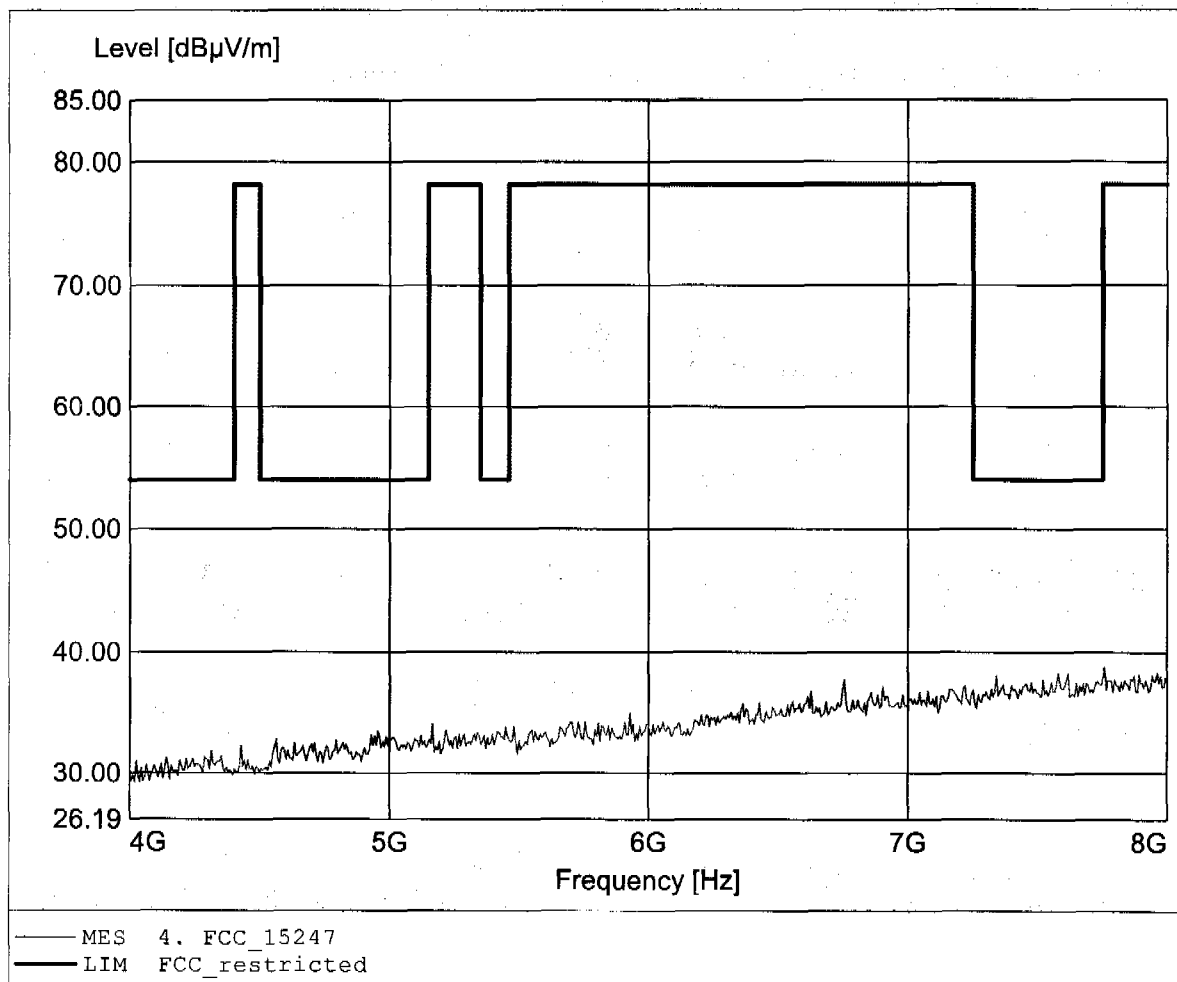
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2441MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.767GHz, Emax: 40.49dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

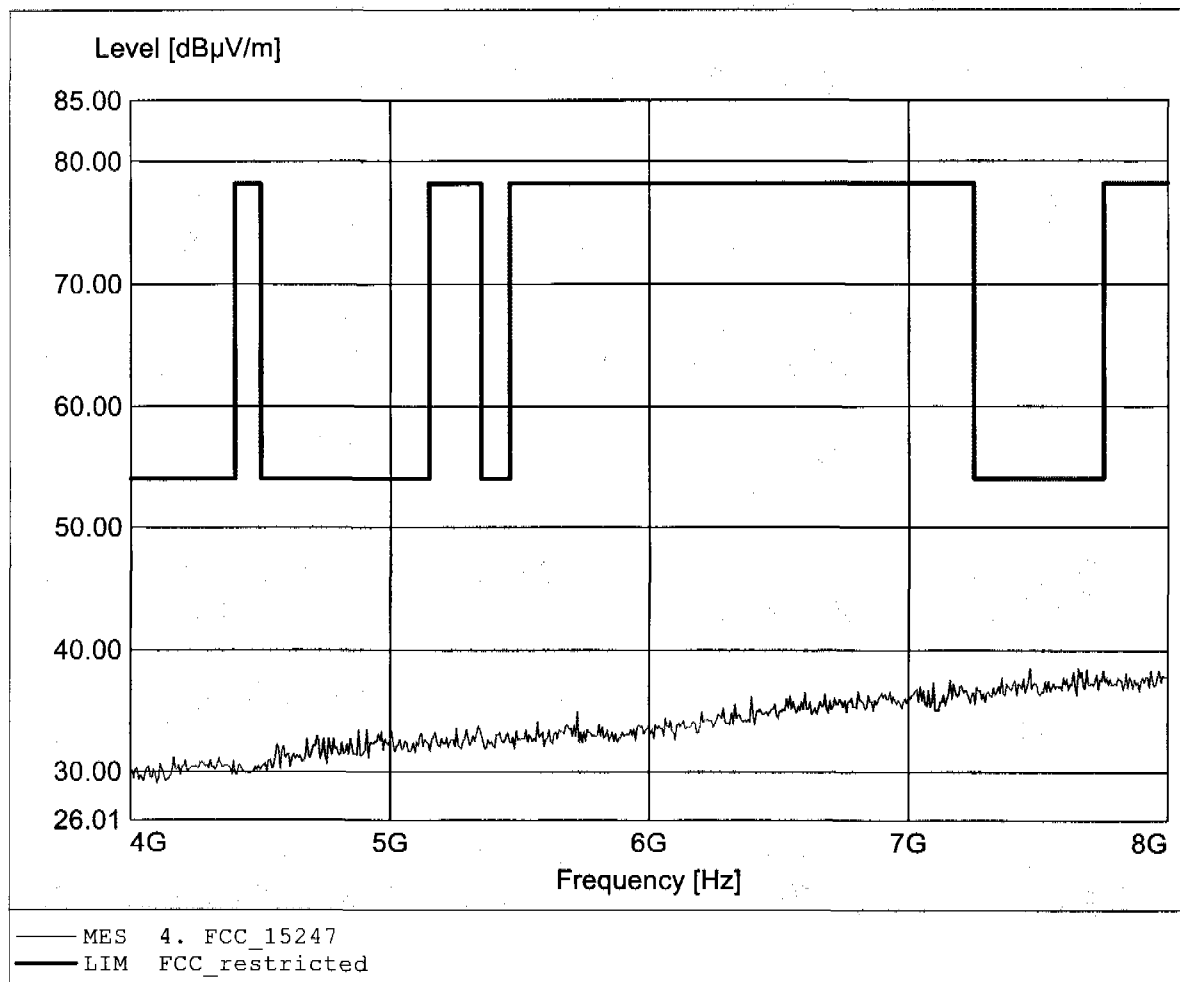
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2441MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.756GHz, Emax: 38.77dB μ V/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

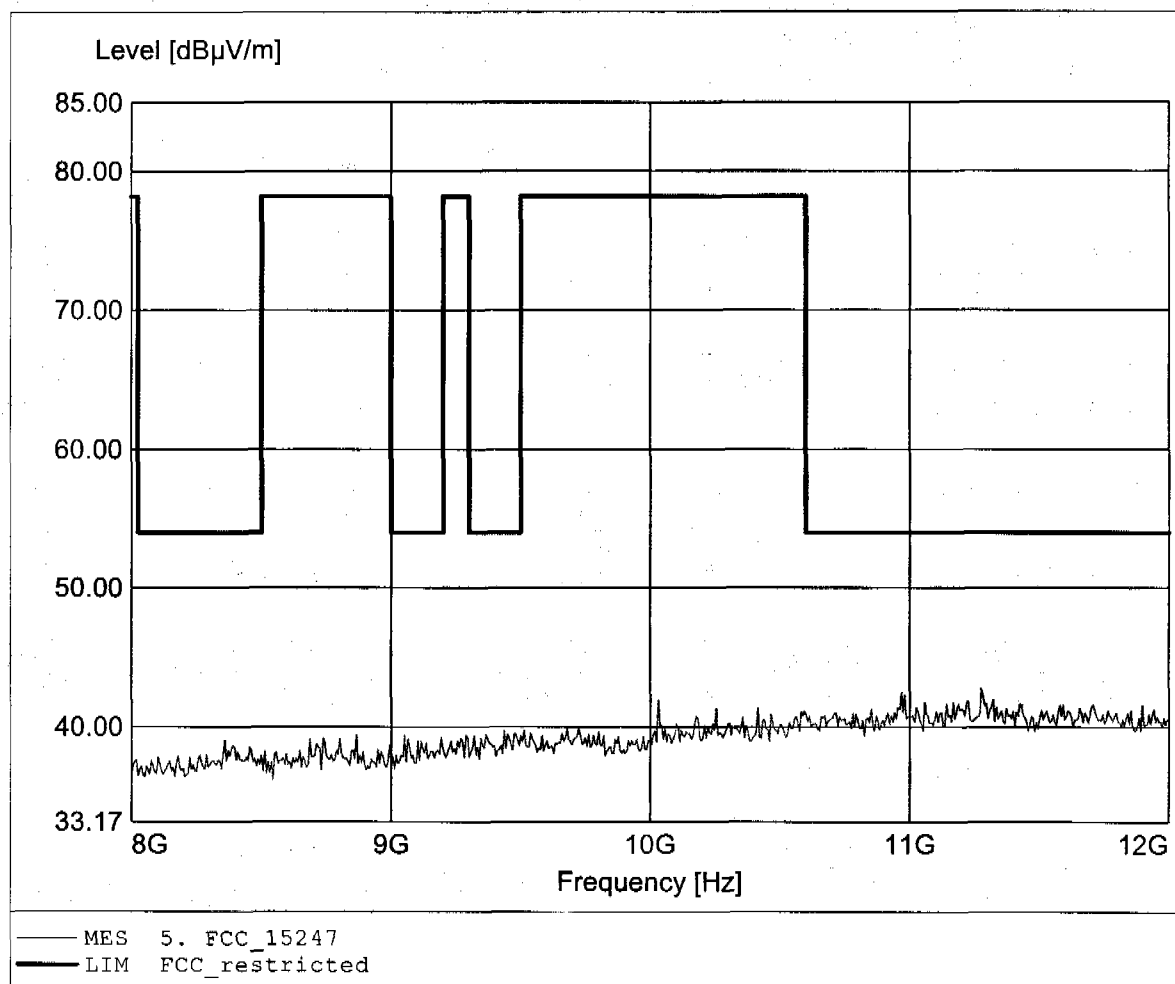
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2441MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.654GHz, Emax: 38.51dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

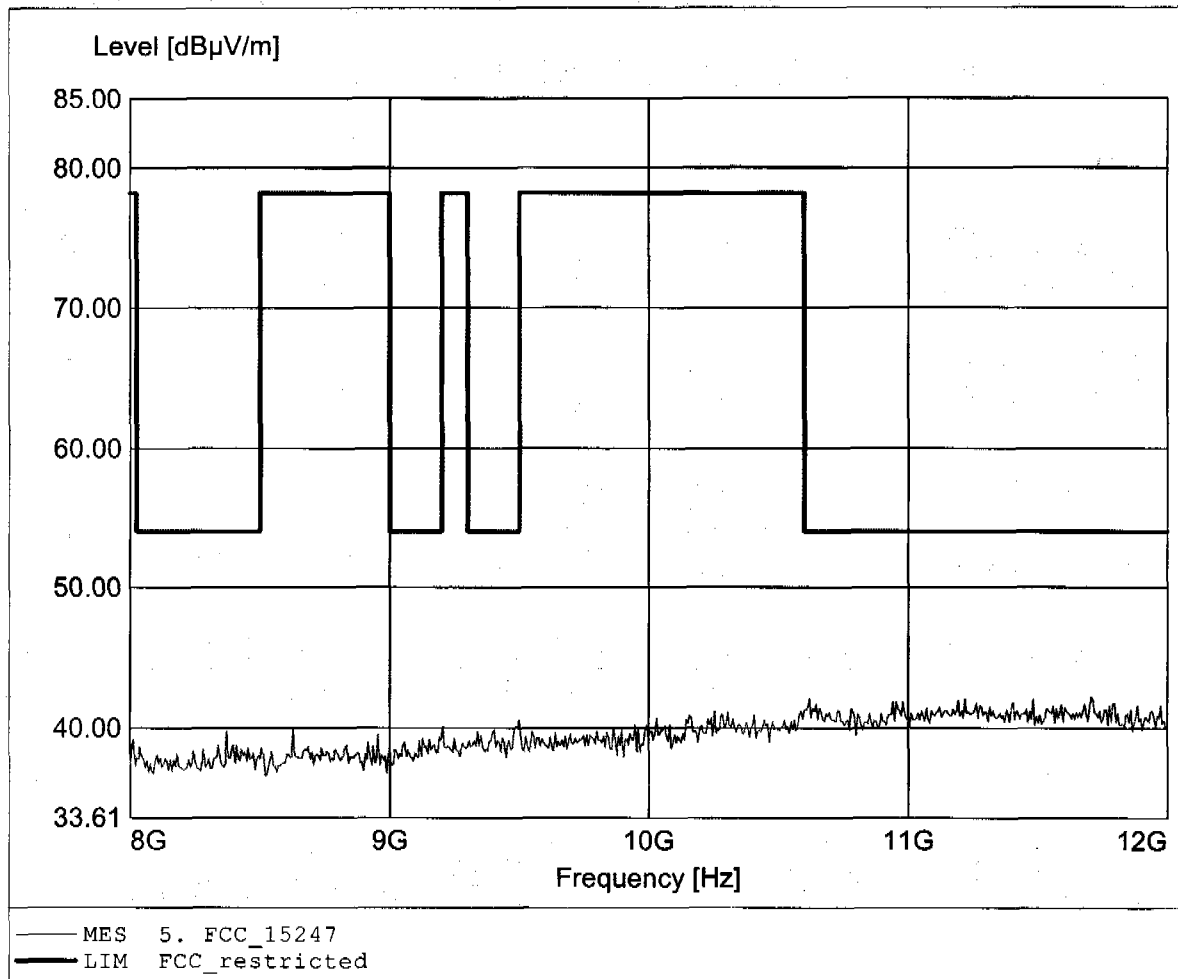
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2441MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.276GHz, Emax: 42.79dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

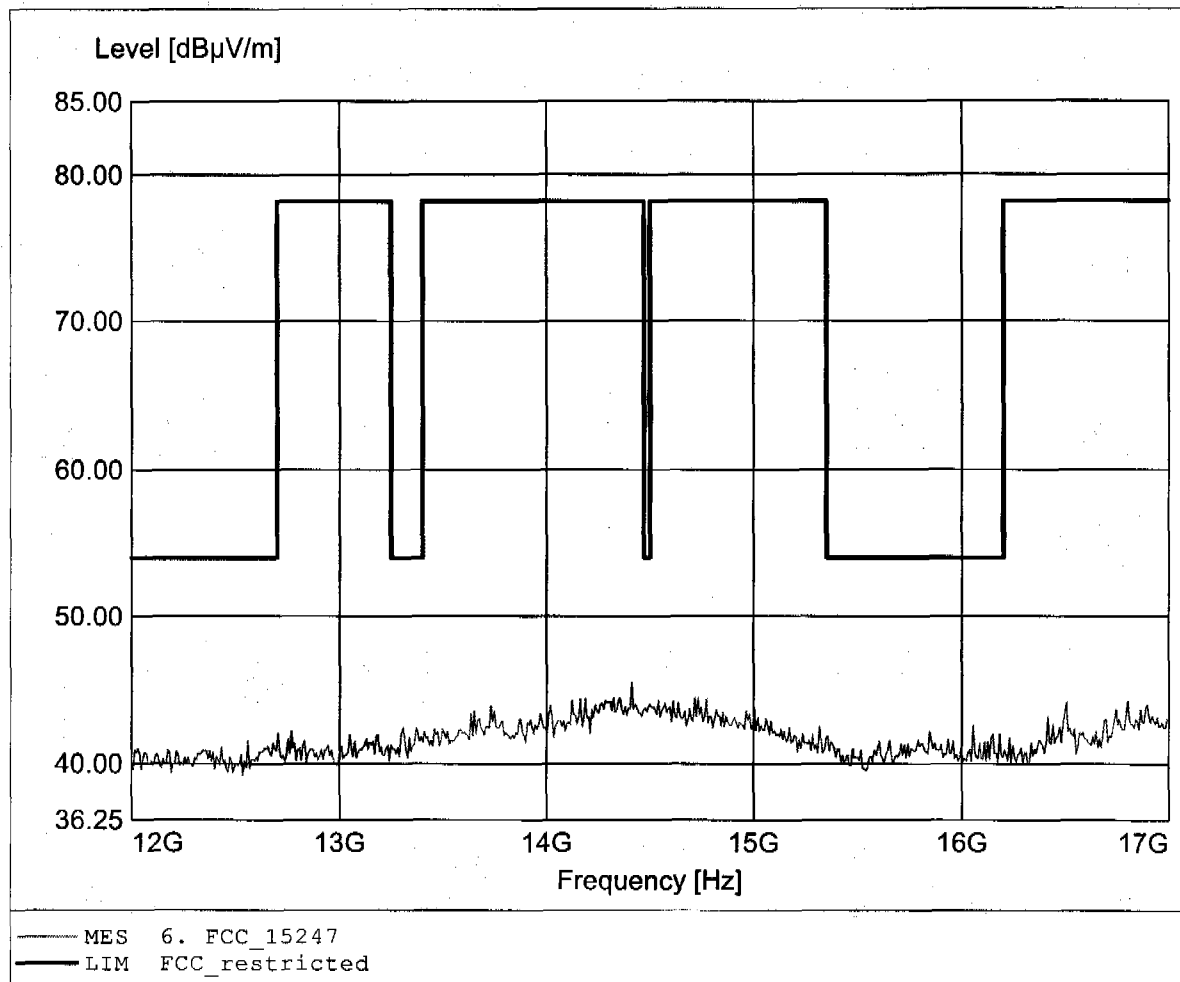
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2441MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.705GHz, Emax: 42.19dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

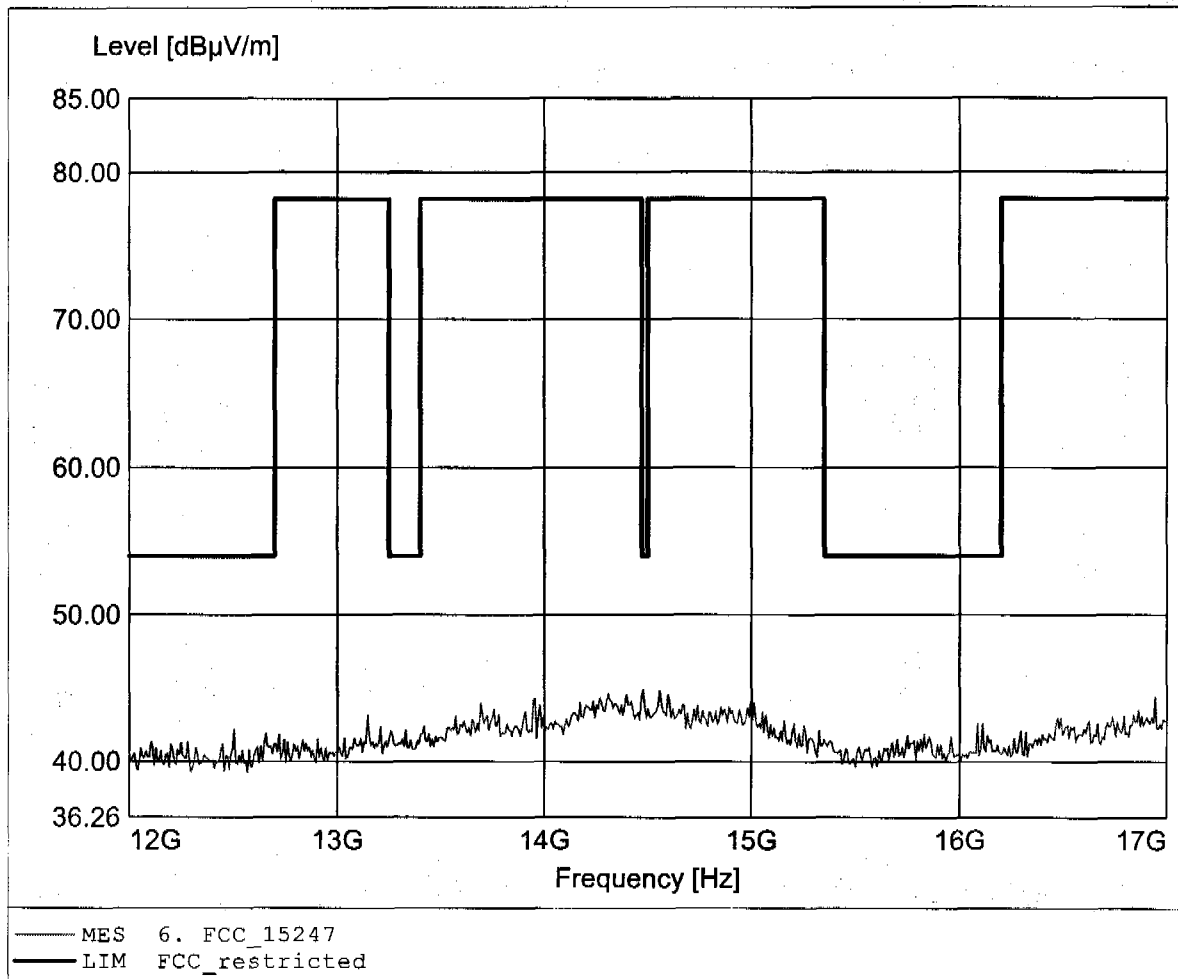
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2441MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.412GHz, Emax: 45.50dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

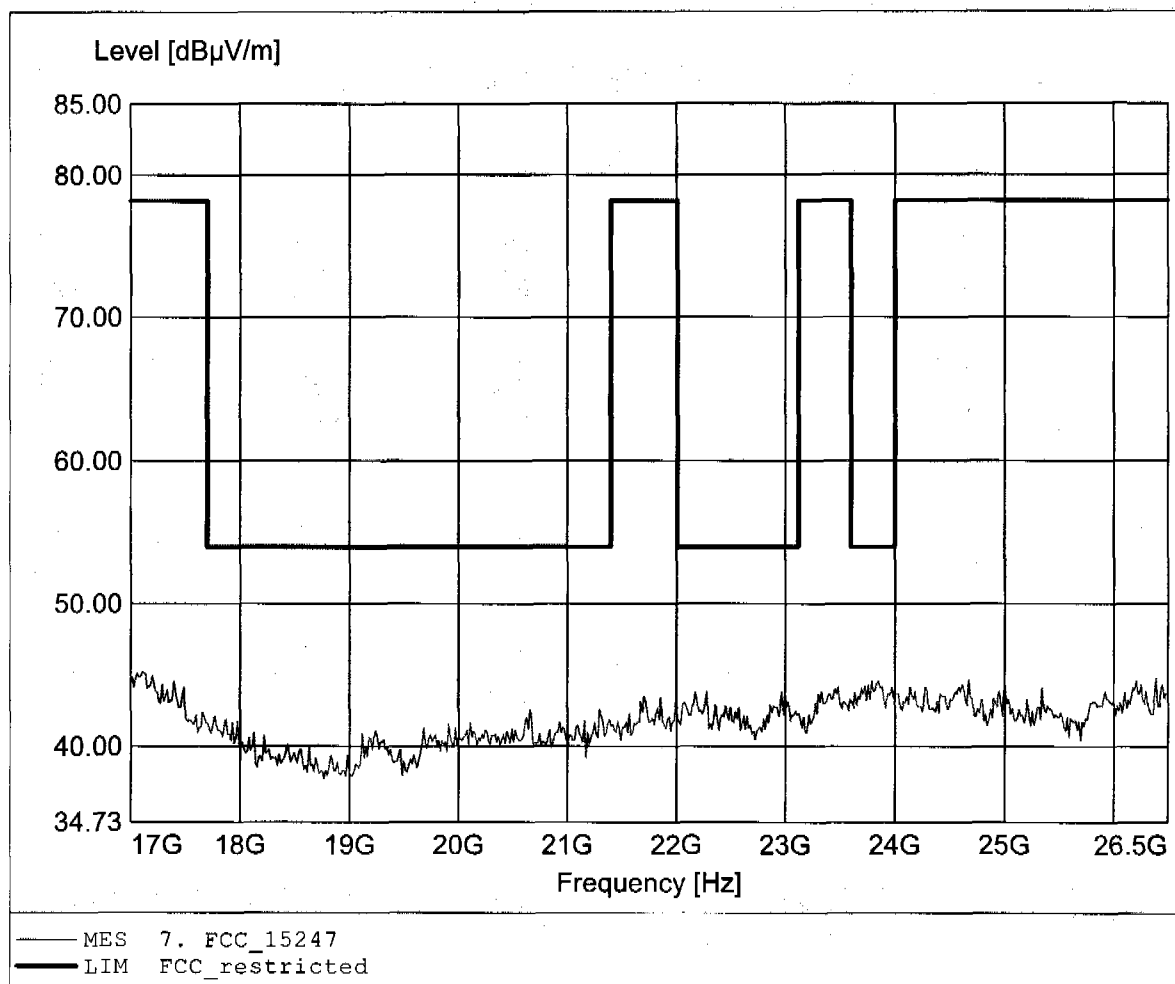
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2441MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.476GHz, Emax: 44.90dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

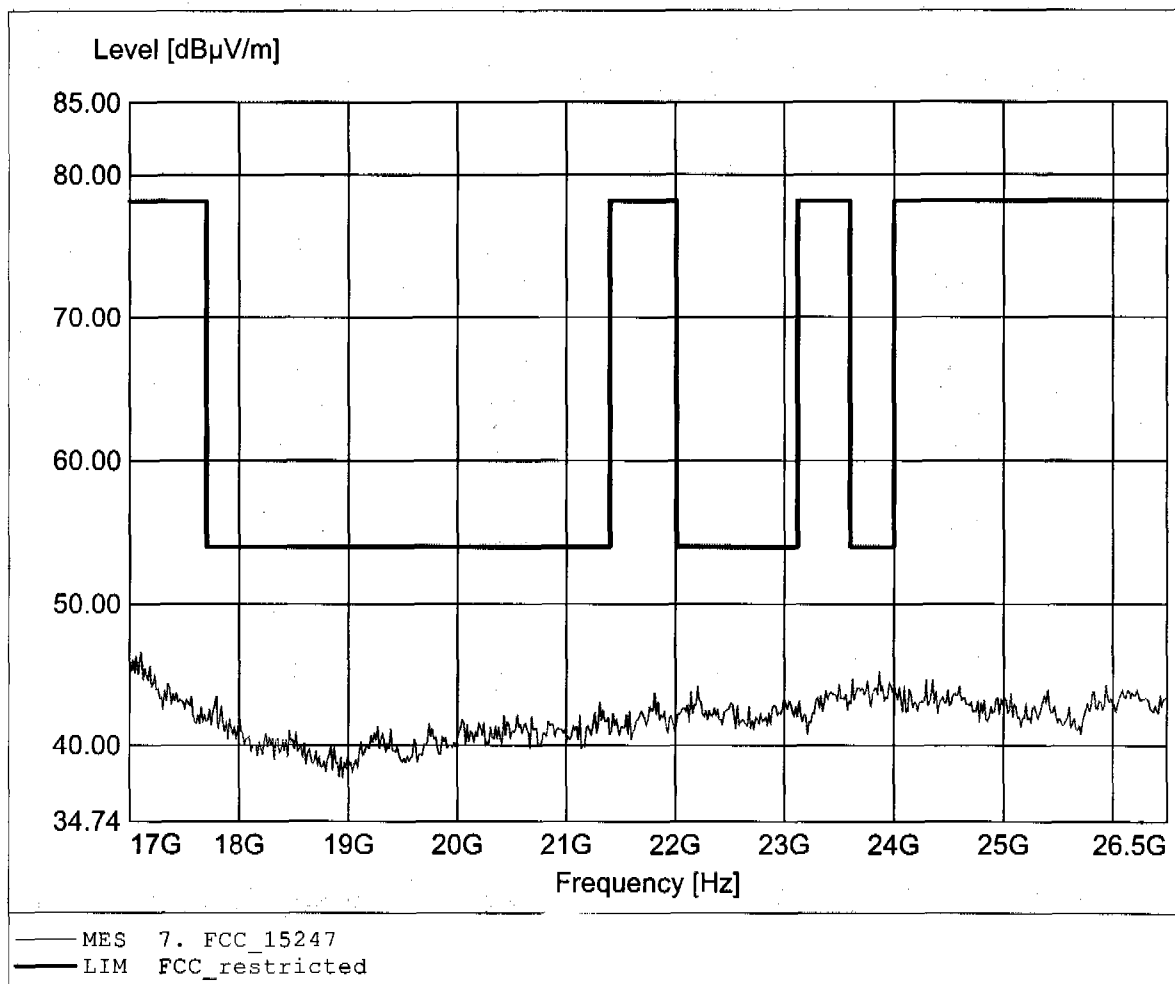
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2441MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.107GHz, Emax: 45.16dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

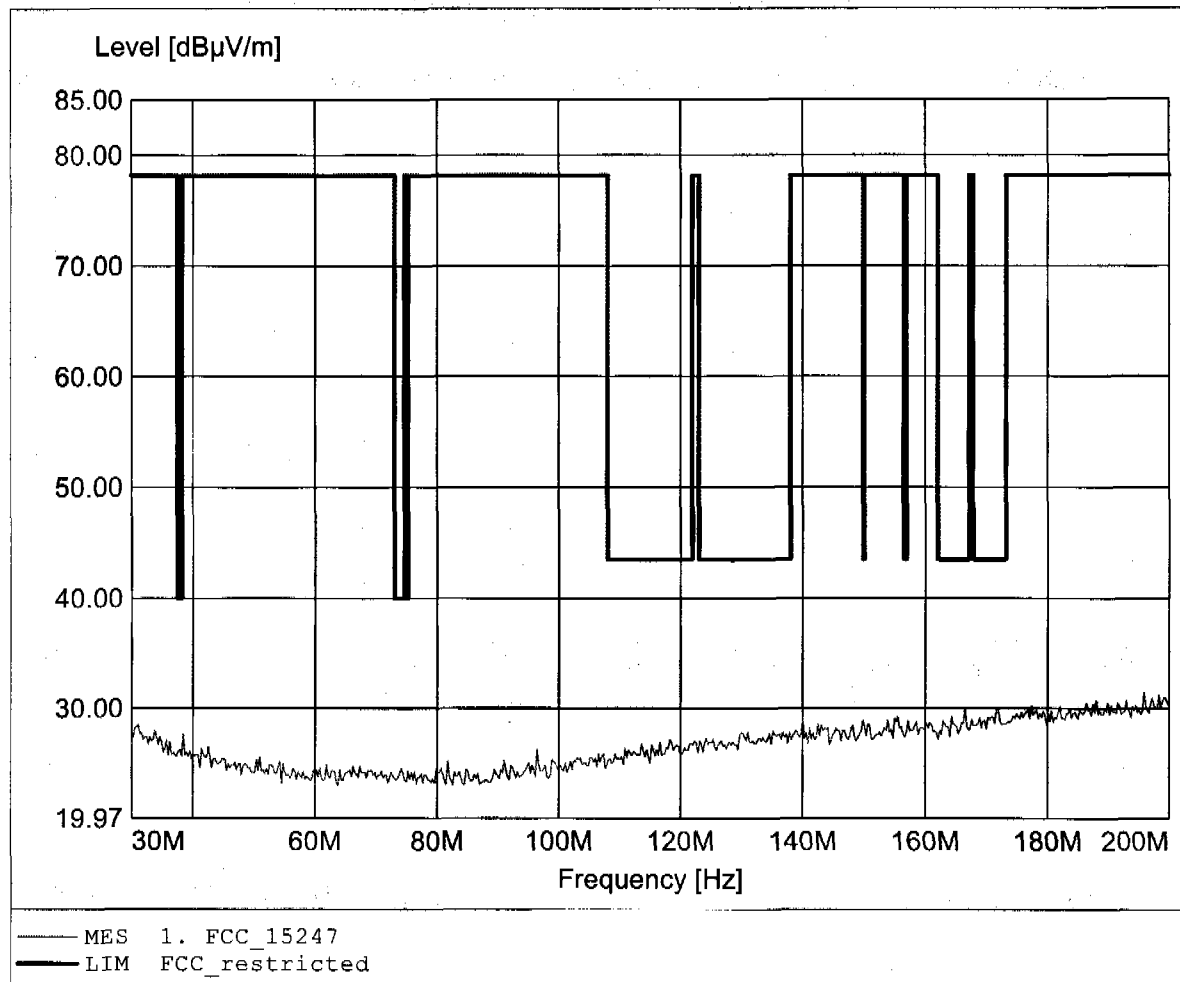
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2441MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.107GHz, Emax: 46.58dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

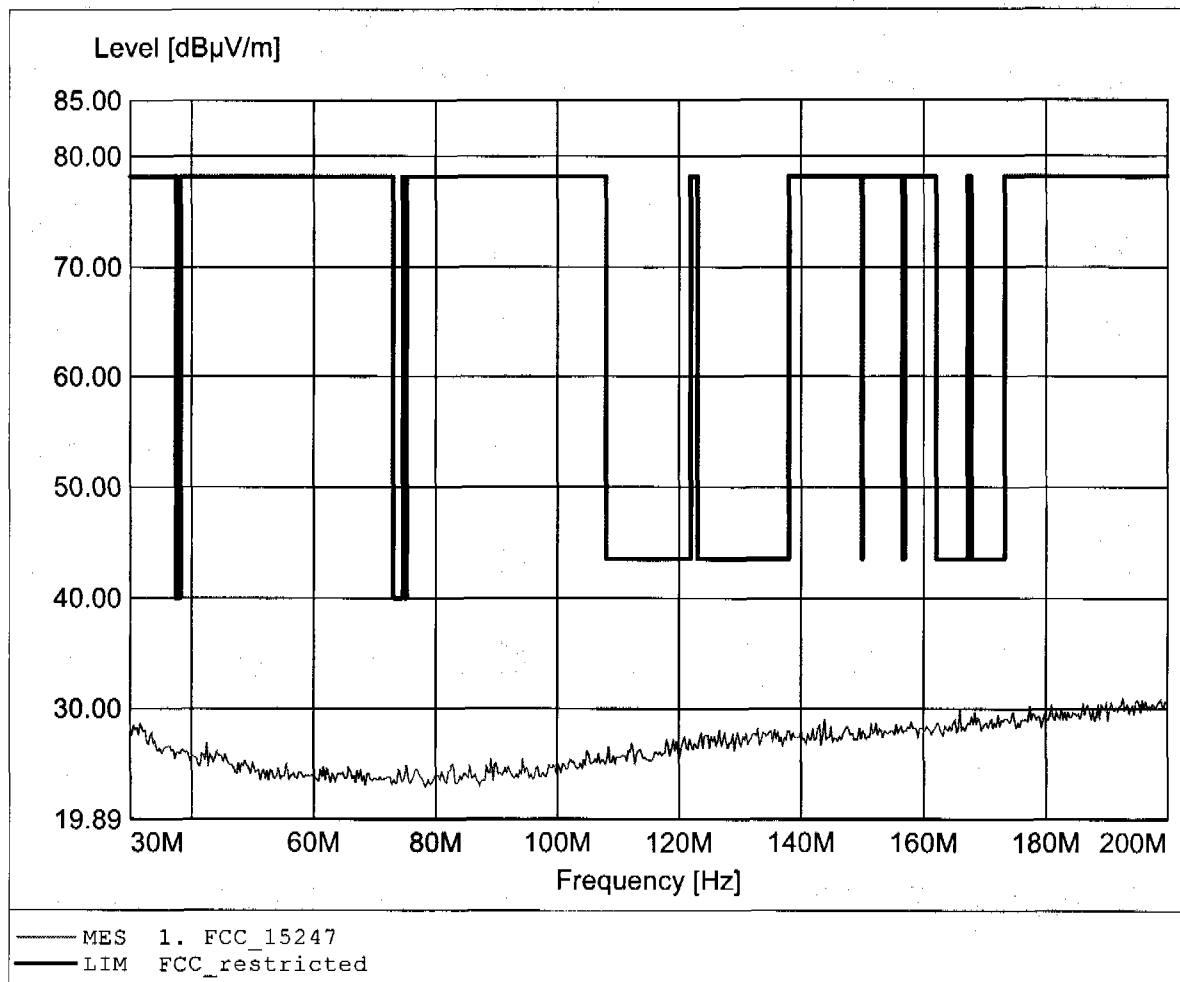
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 195.913MHz, Emax: 31.40dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

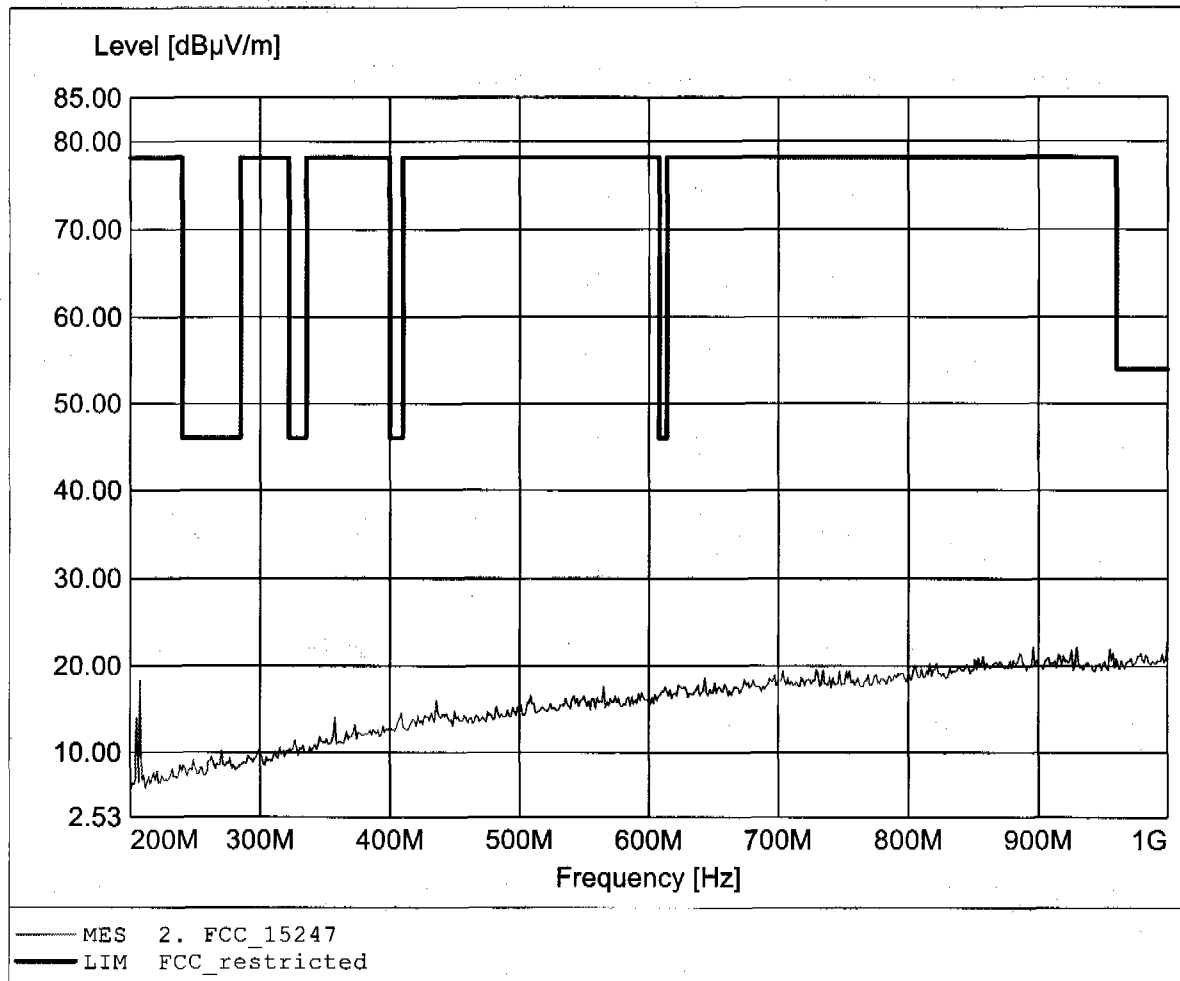
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.644MHz, Emax: 31.02dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

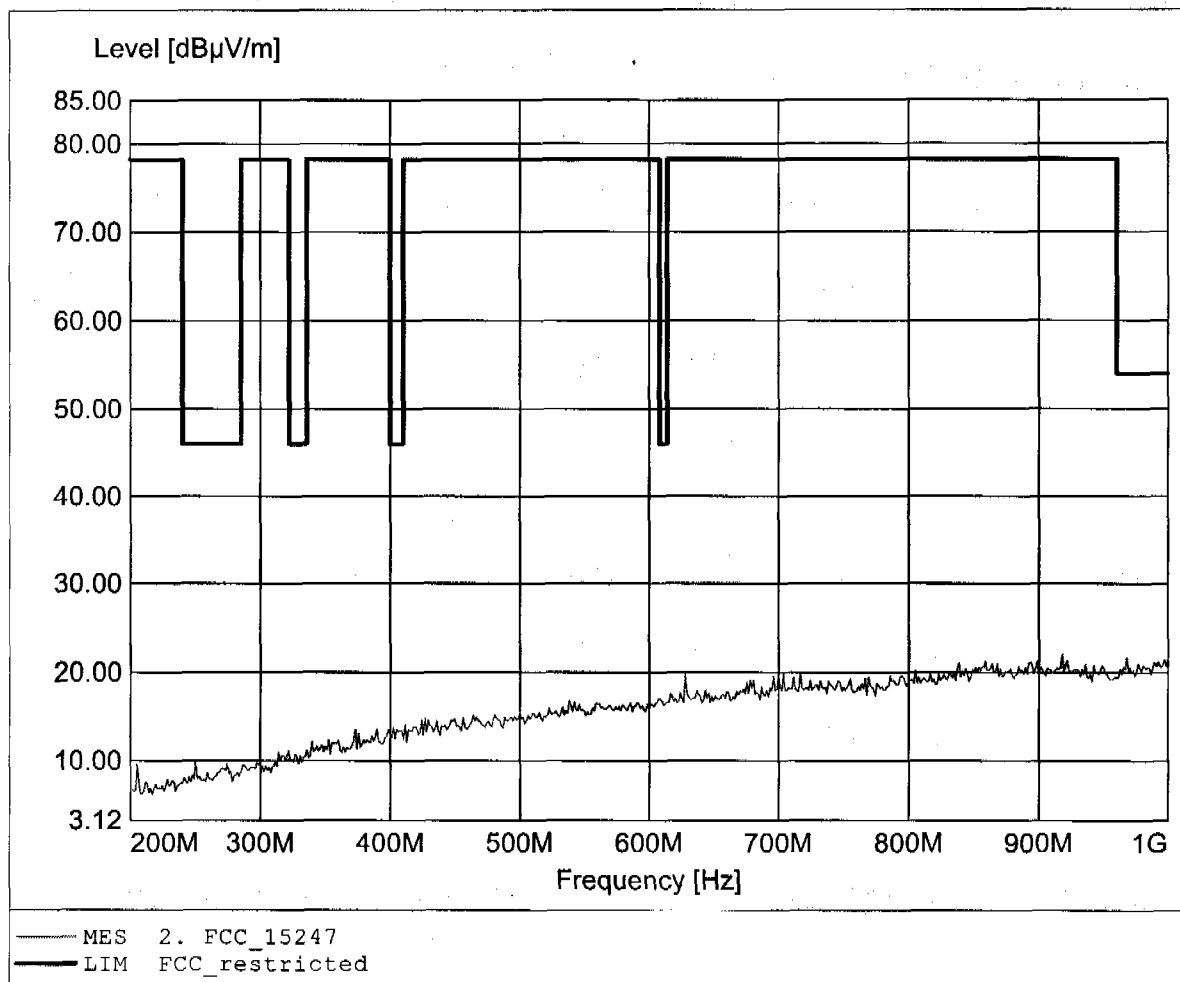
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 1.000GHz, Emax: 22.93dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

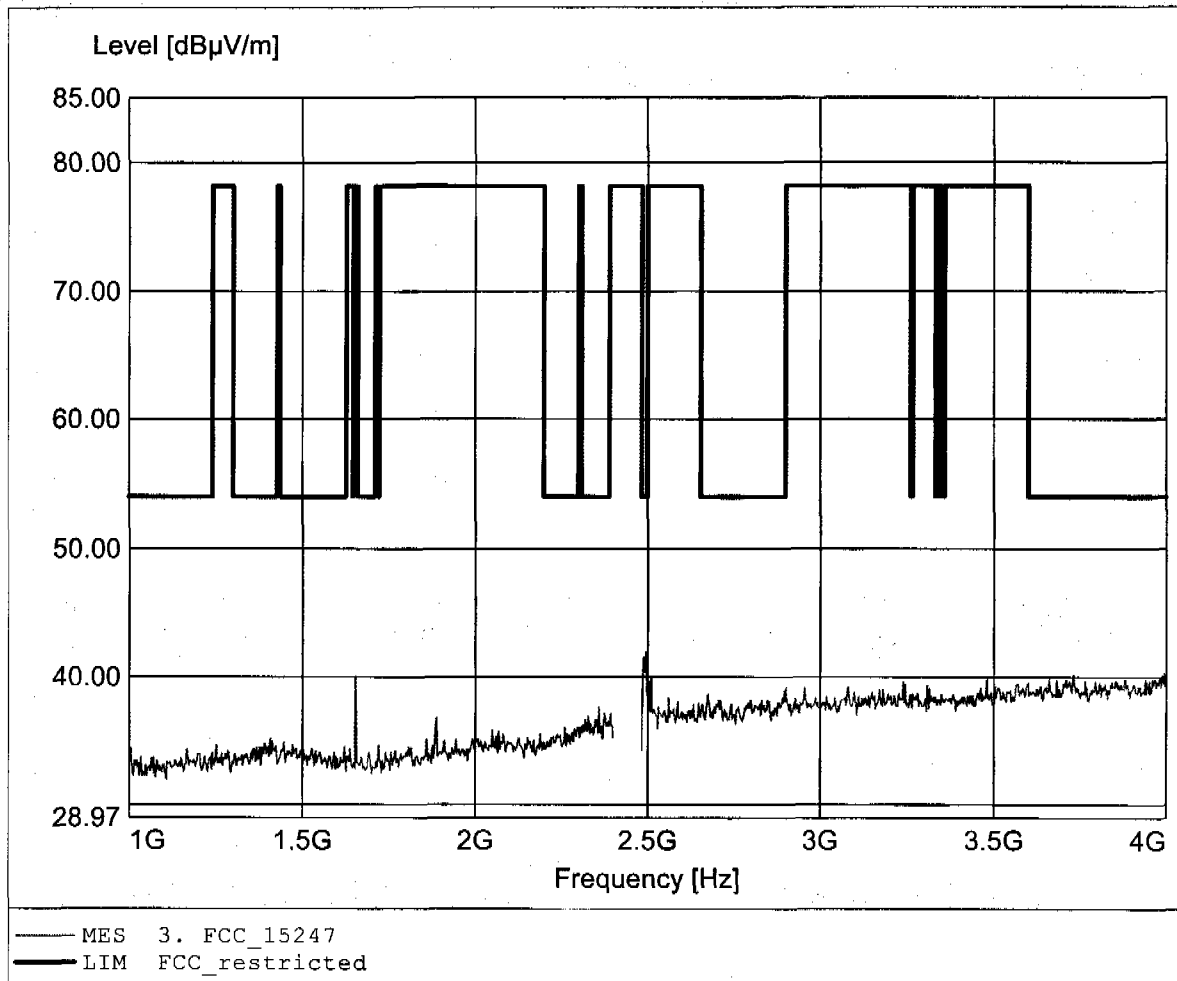
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 917.949MHz, Emax: 21.97dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

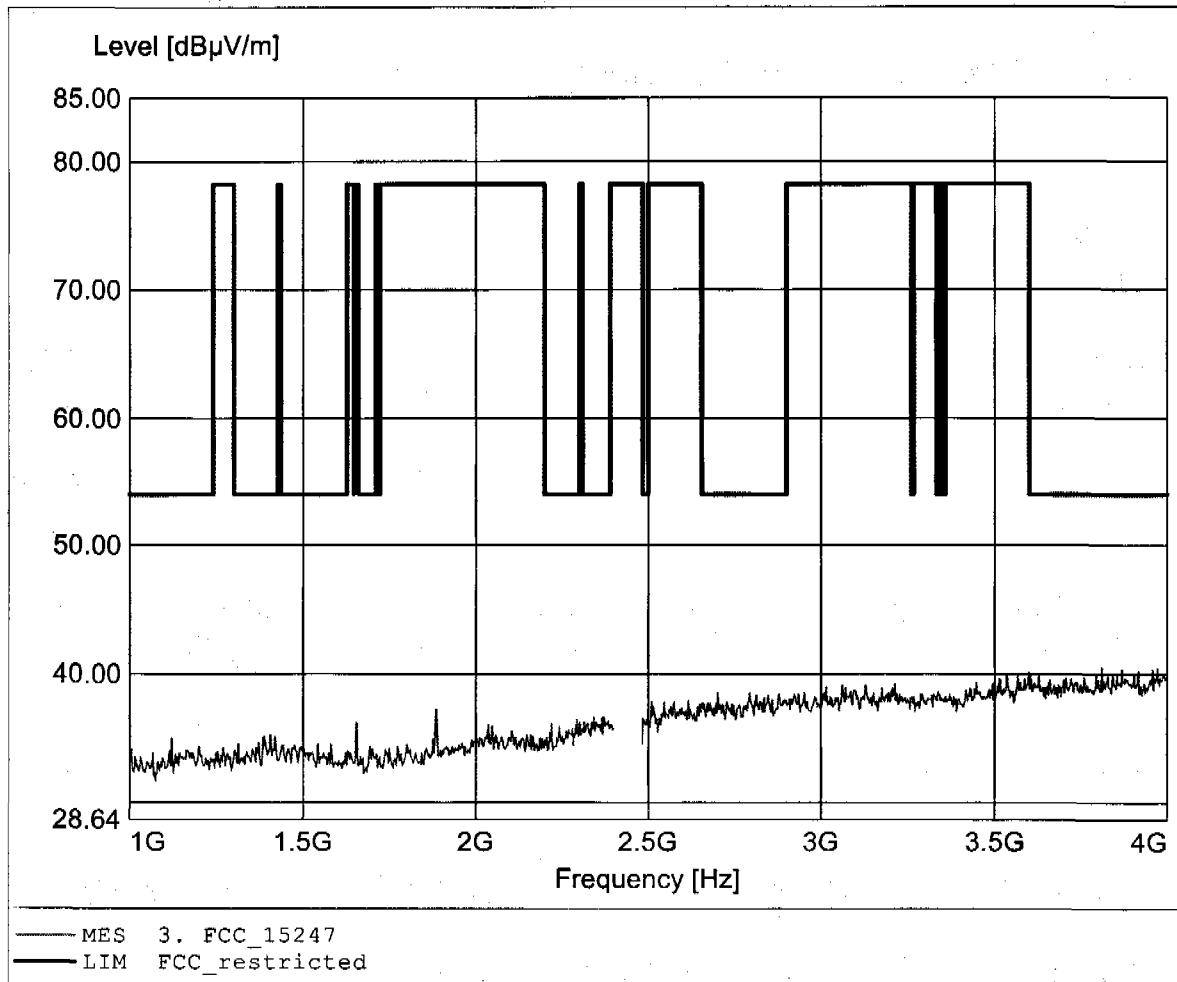
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.496GHz, Emax: 41.94dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

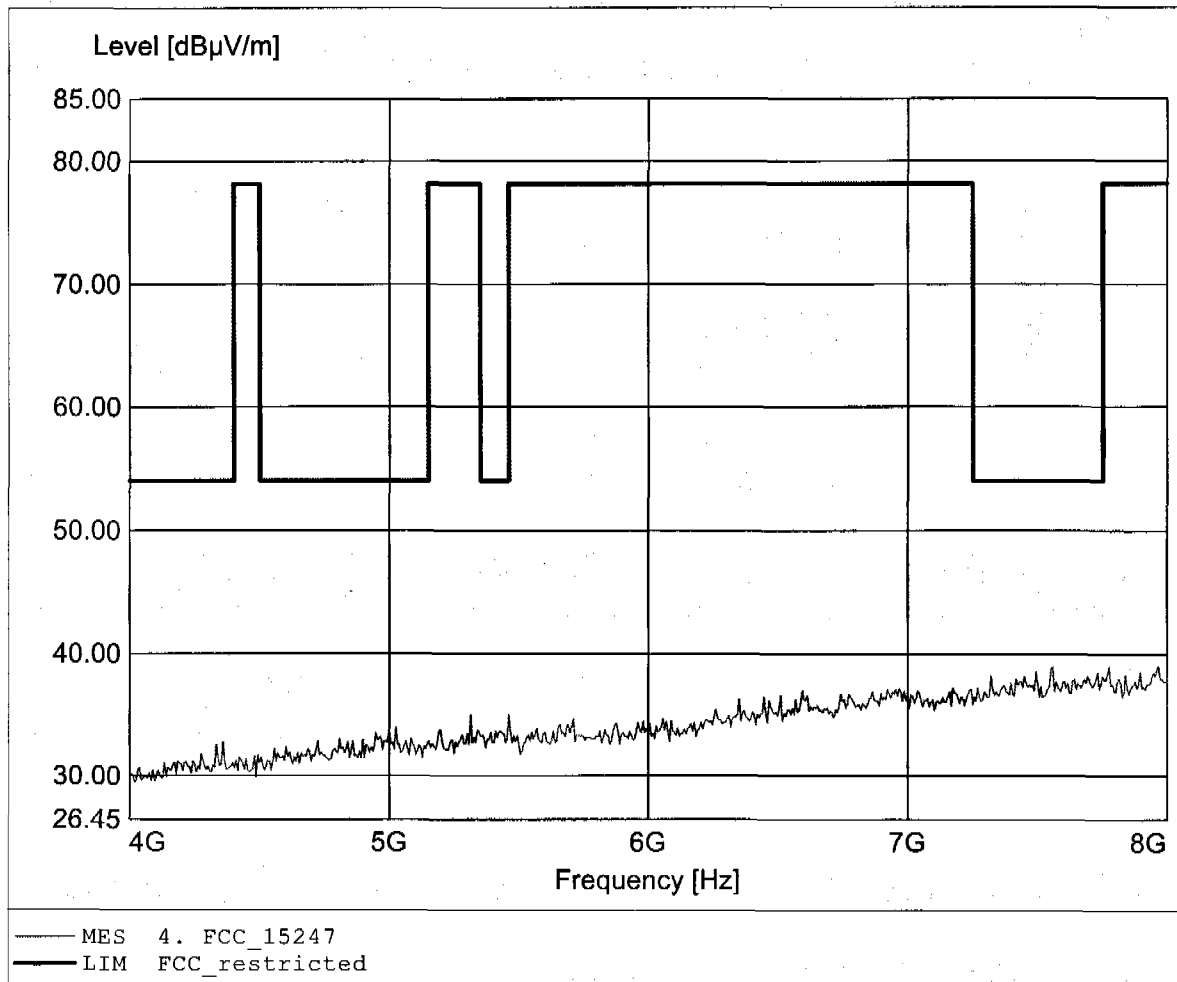
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.810GHz, Emax: 40.48dB μ V/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

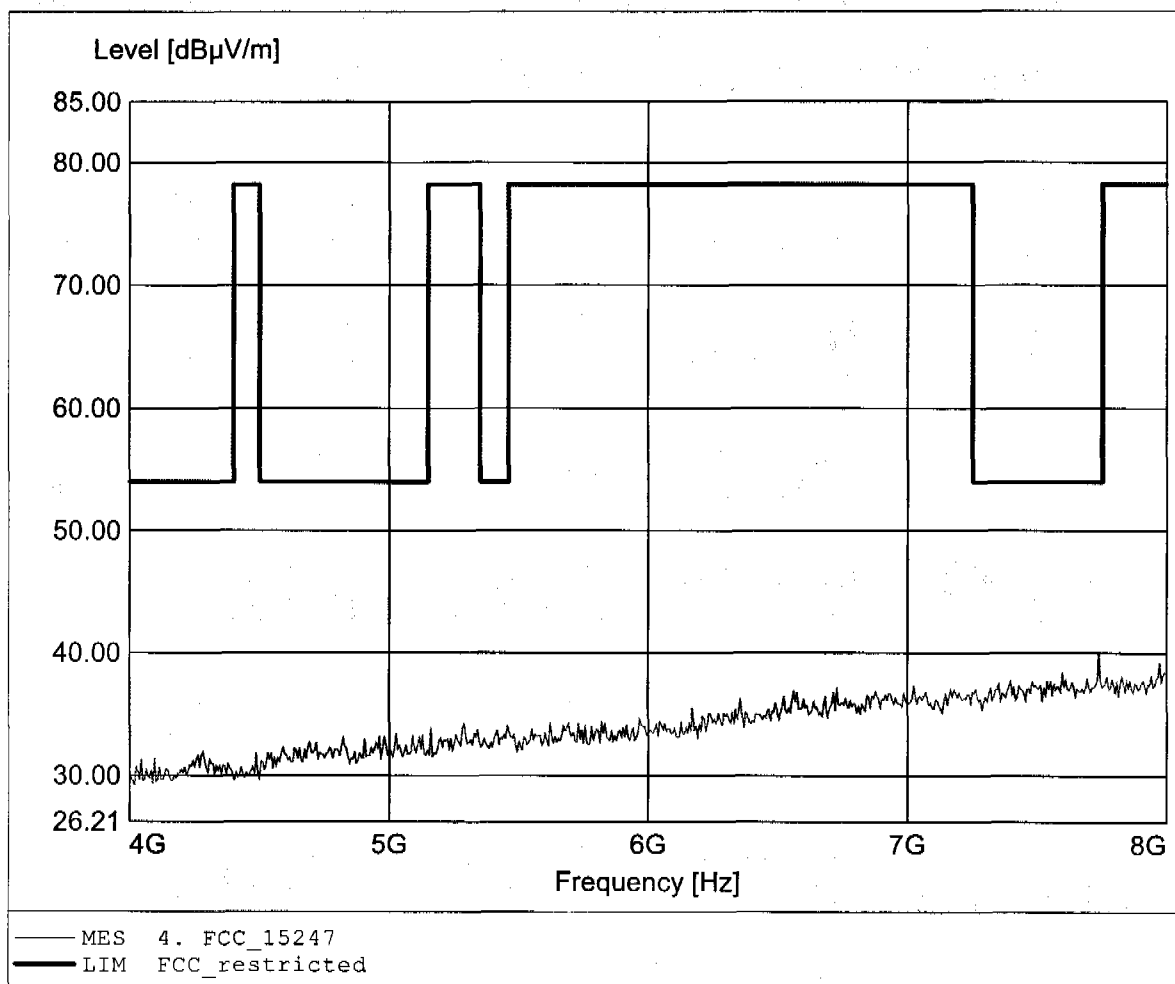
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.968GHz, Emax: 39.00dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

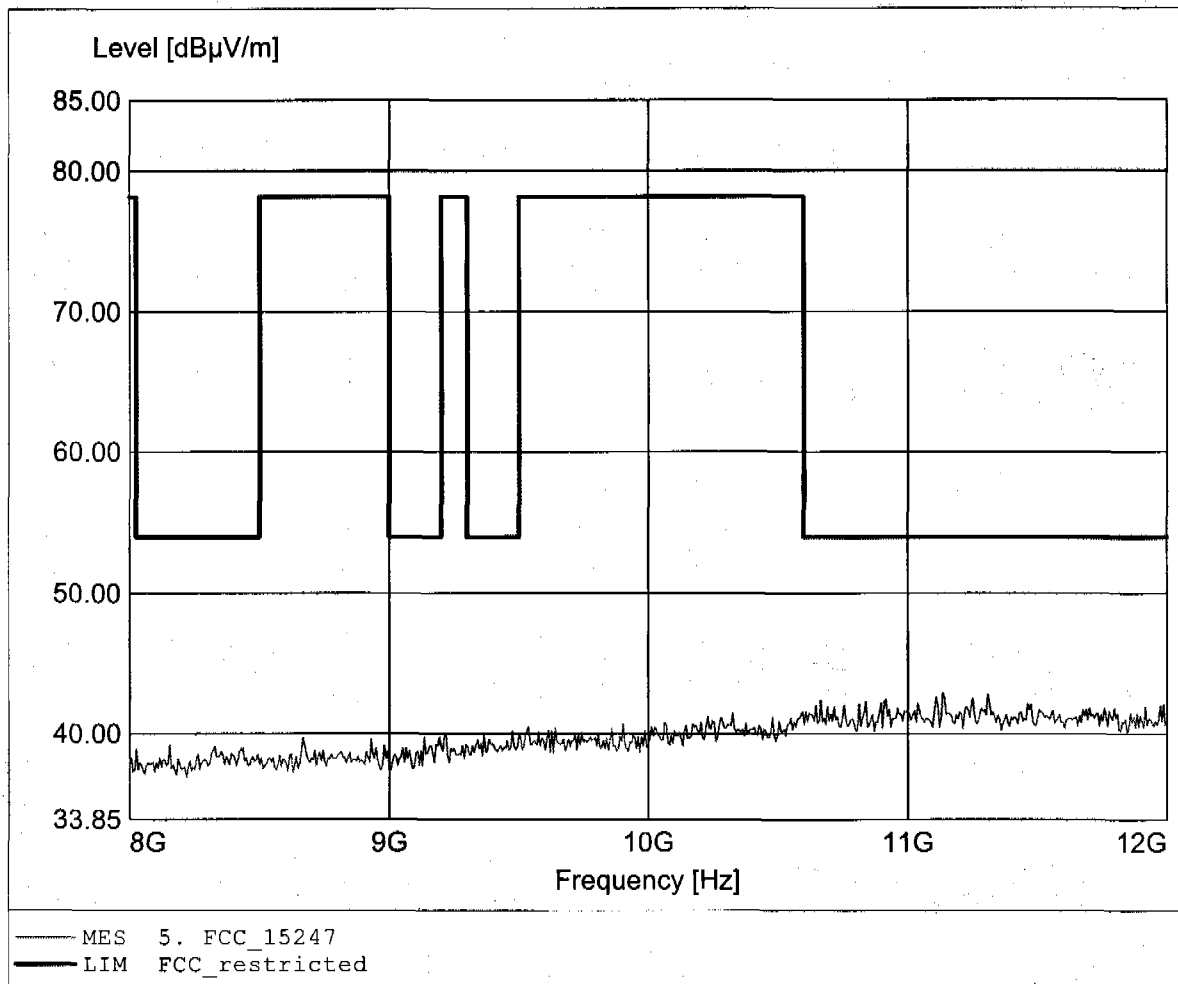
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.737GHz, Emax: 39.89dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

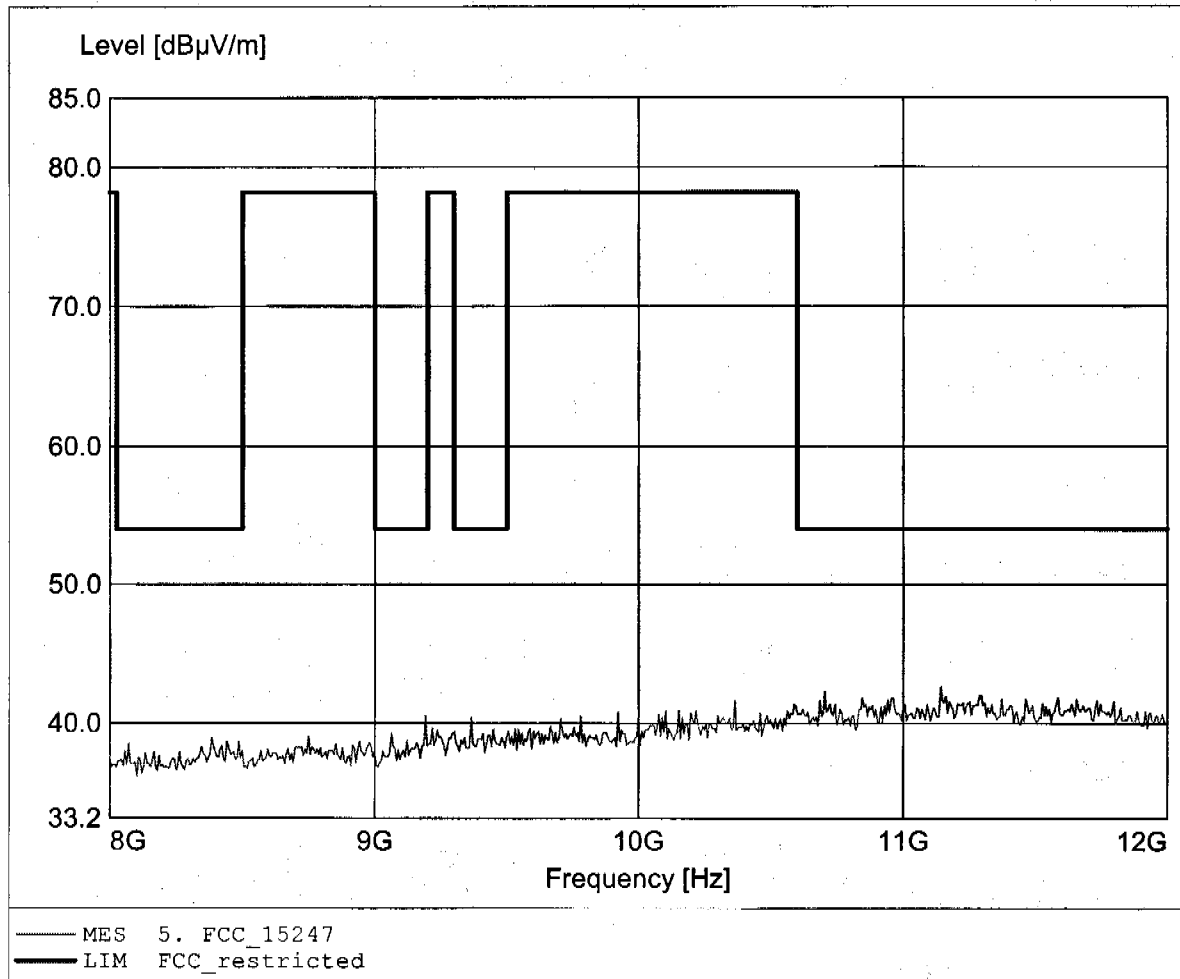
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.135GHz, Emax: 42.89dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

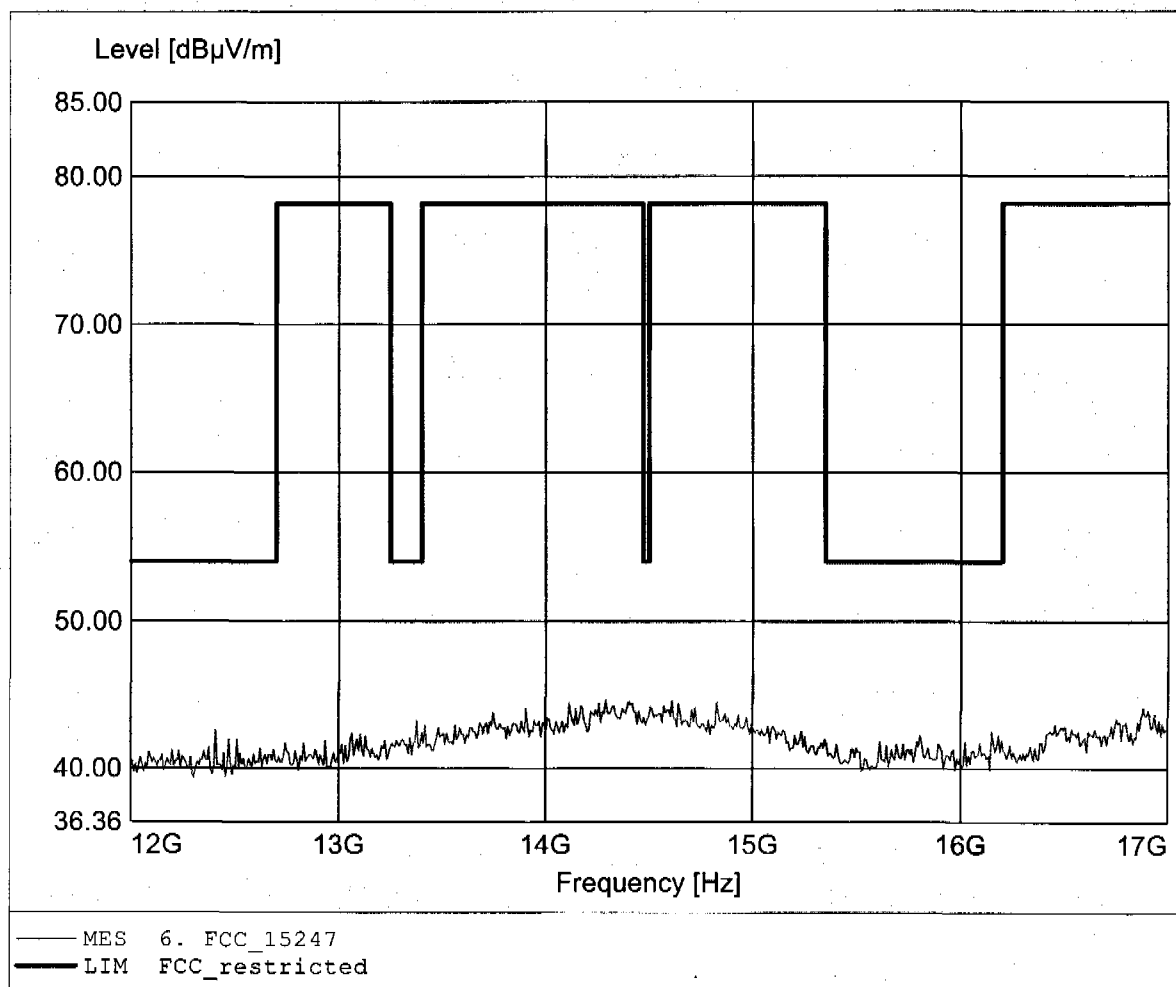
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.141GHz, Emax: 42.59dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

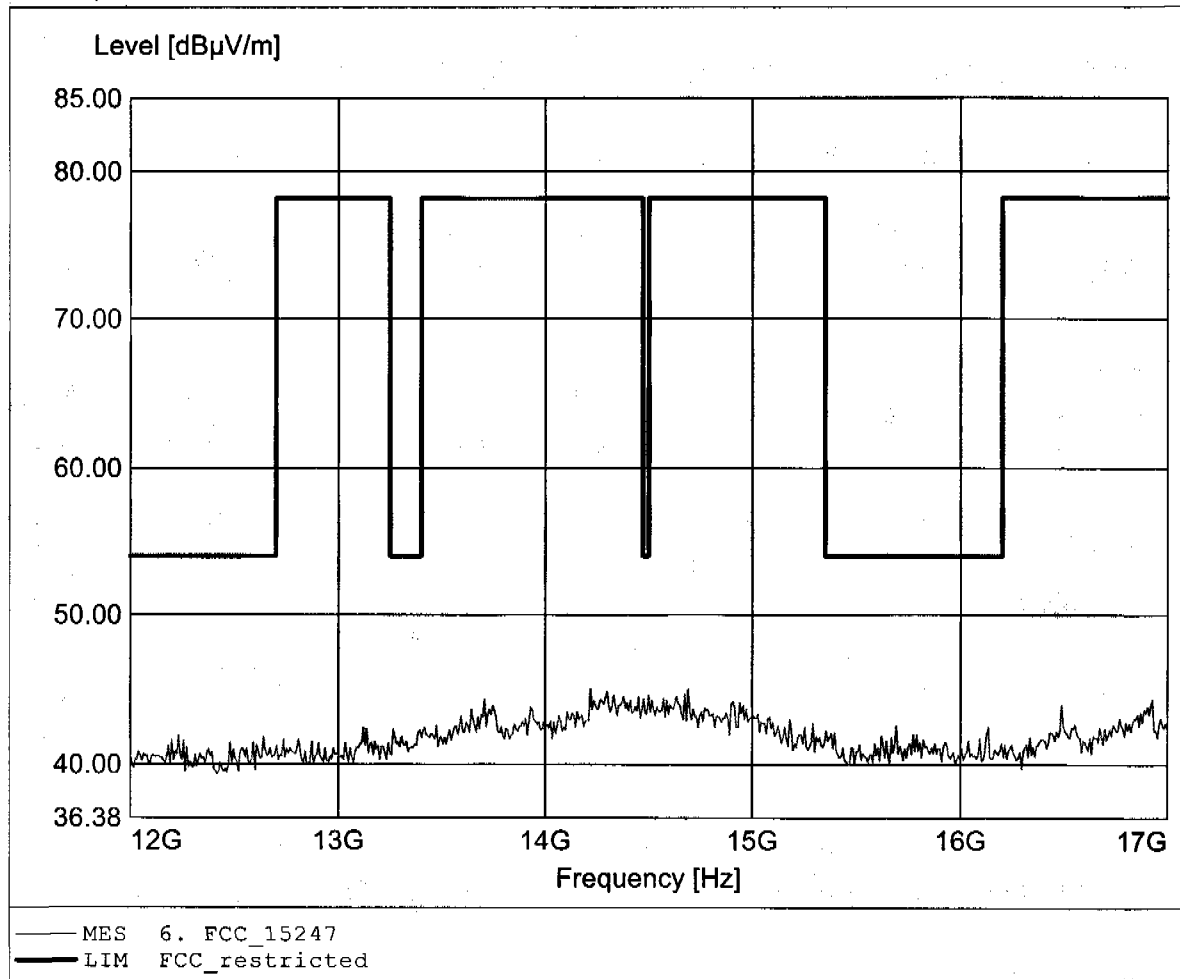
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.292GHz, Emax: 44.69dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

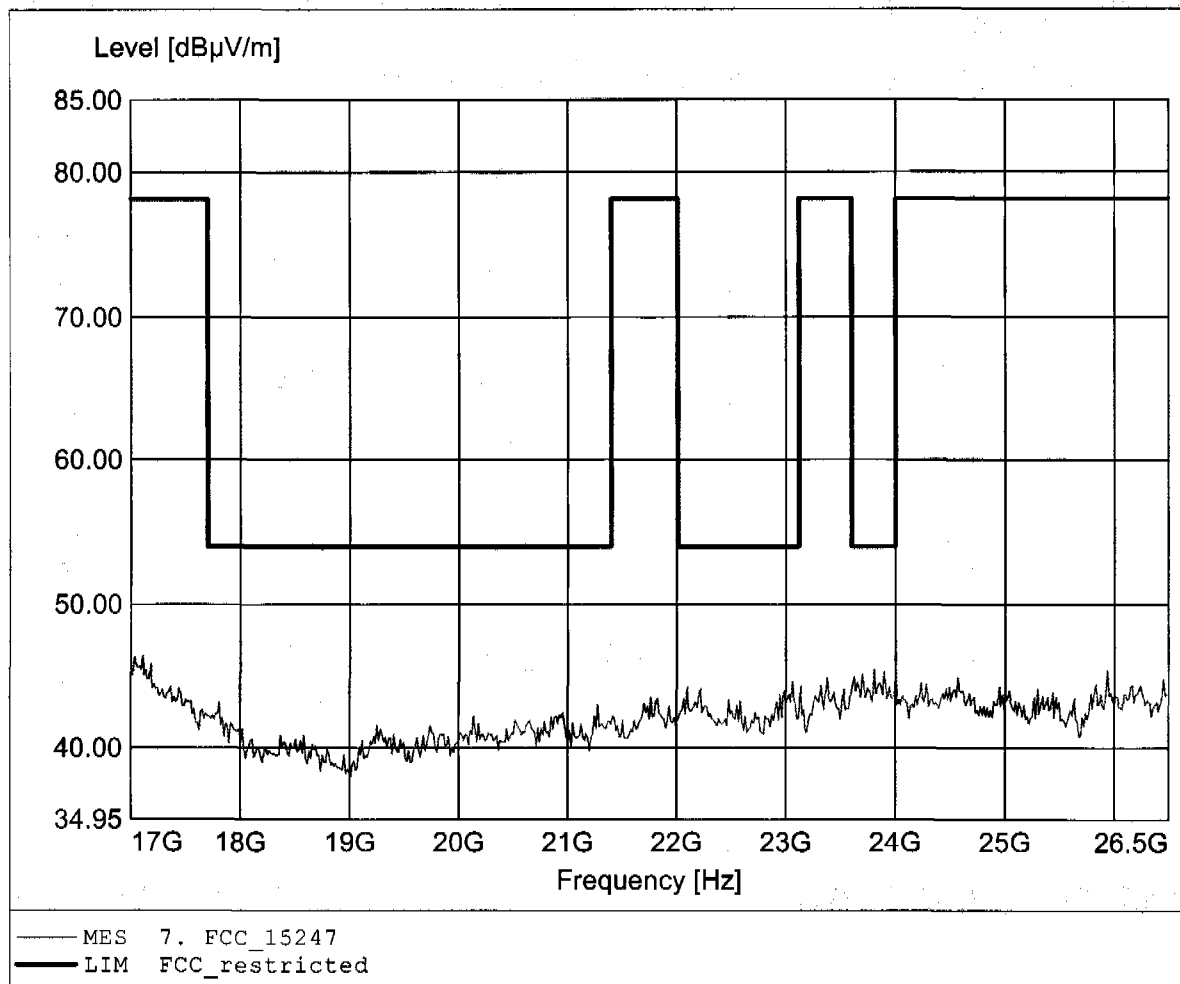
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.220GHz, Emax: 45.04dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

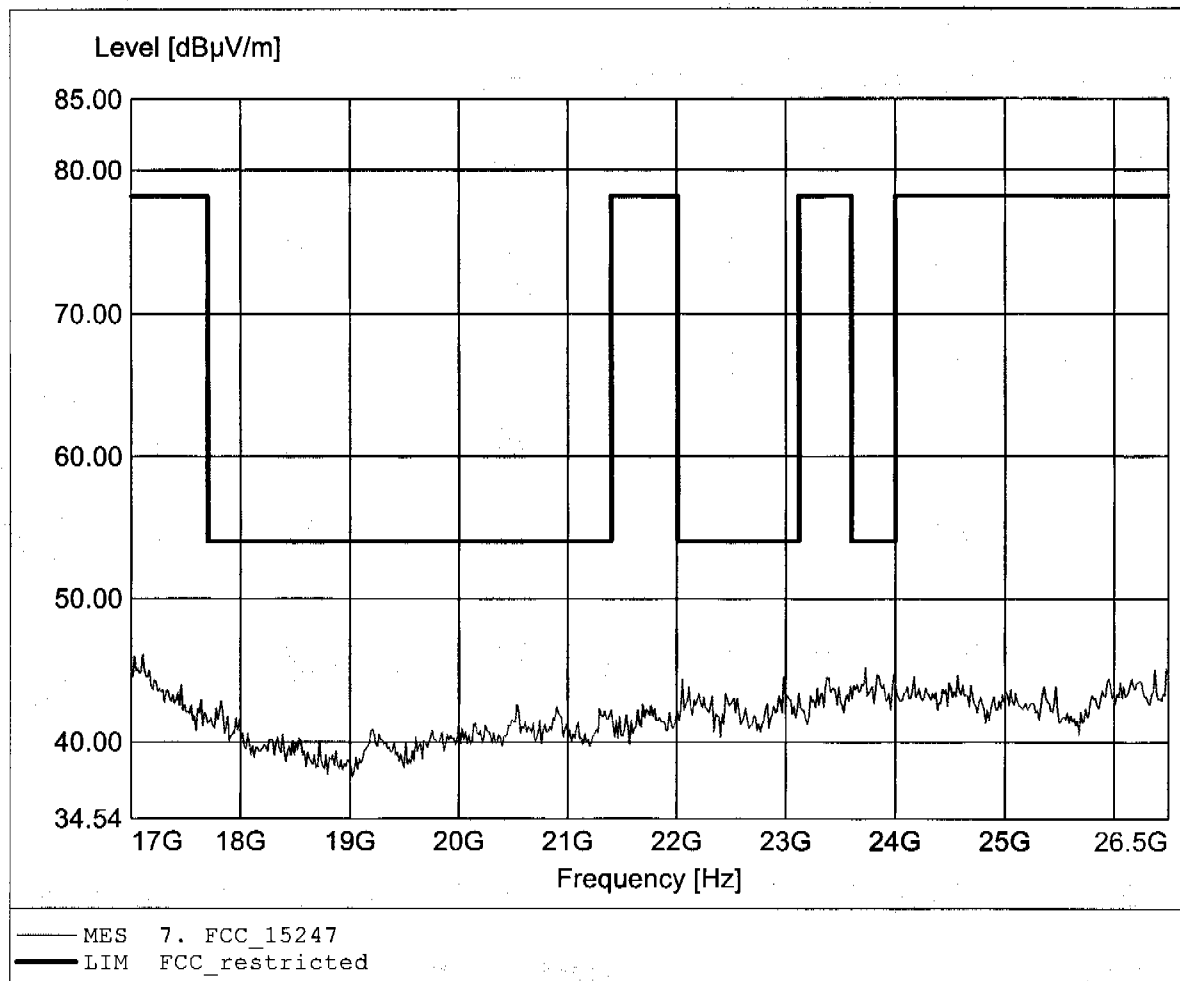
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.107GHz, Emax: 46.44dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Marquardt
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.107GHz, Emax: 46.09dBµV/m, RBW: 1MHz

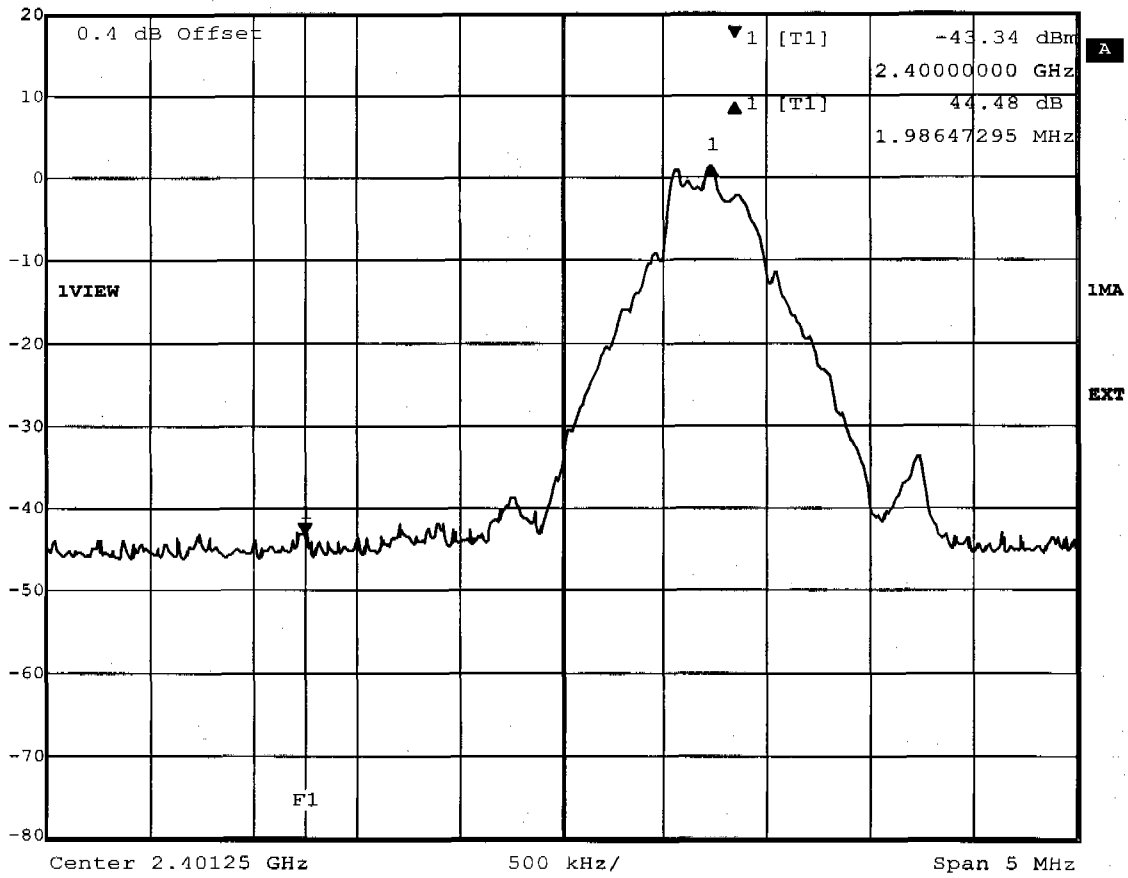


Appendix J

Band-edge compliance



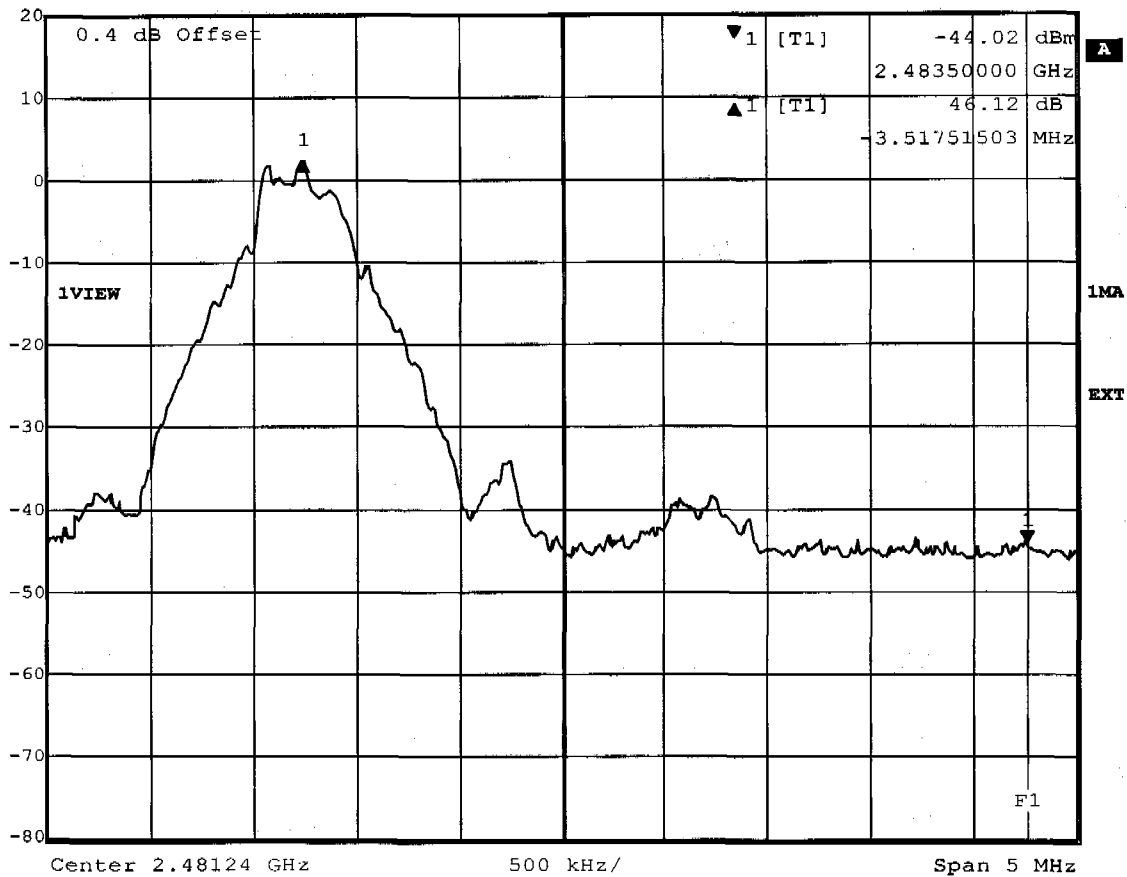
Delta 1 [T1] RBW 50 kHz RF Att 40 dB
Ref Lvl 44.48 dB VBW 50 kHz
20 dBm 1.98647295 MHz SWT 5 ms Unit dBm



Title: Band-edge Compliance (conducted, single frequency)
Comment A: Nokia HS-59W
Date: 27.MAR.2006 14:08:16



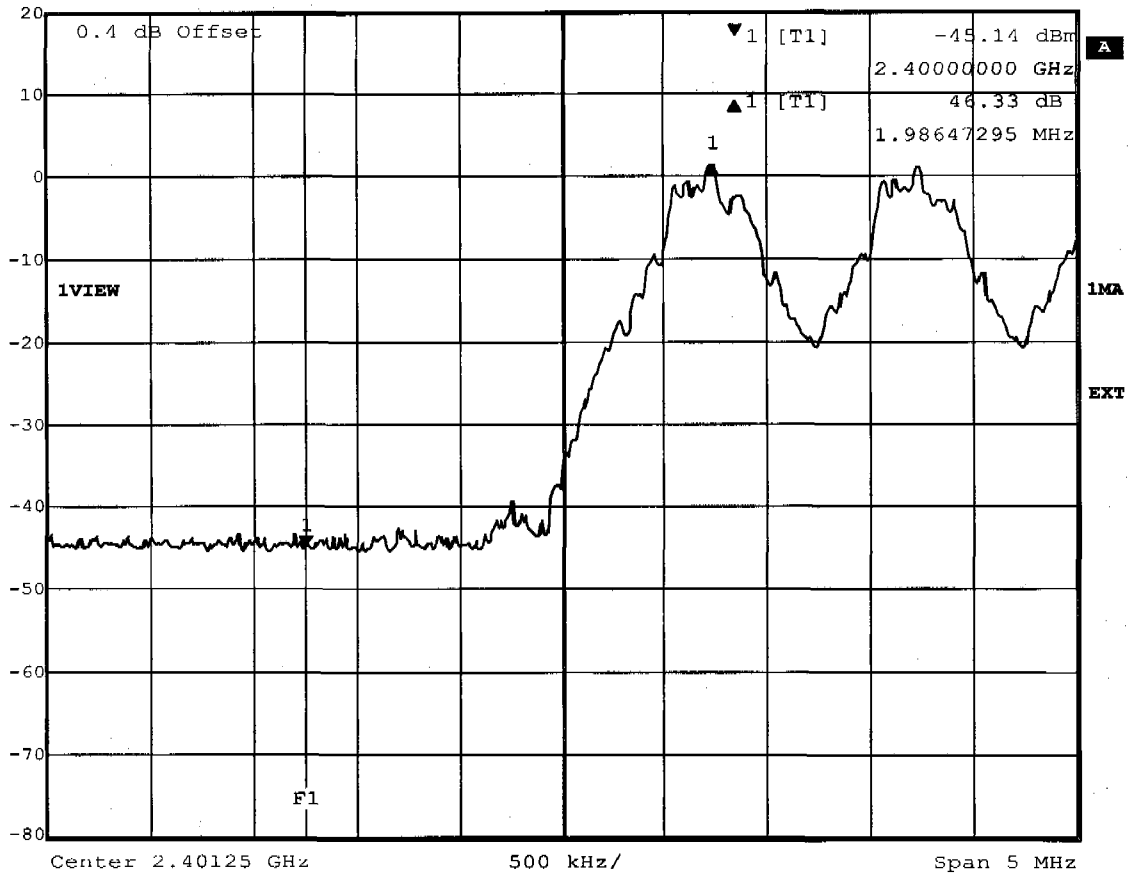
Delta 1 [T1] RBW 50 kHz RF Att 40 dB
Ref Lvl 46.12 dB VBW 50 kHz
20 dBm -3.51751503 MHz SWT 5 ms Unit dBm



Title: Band-edge Compliance (conducted, single frequency)
Comment A: Nokia HS-59W
Date: 27.MAR.2006 14:41:48



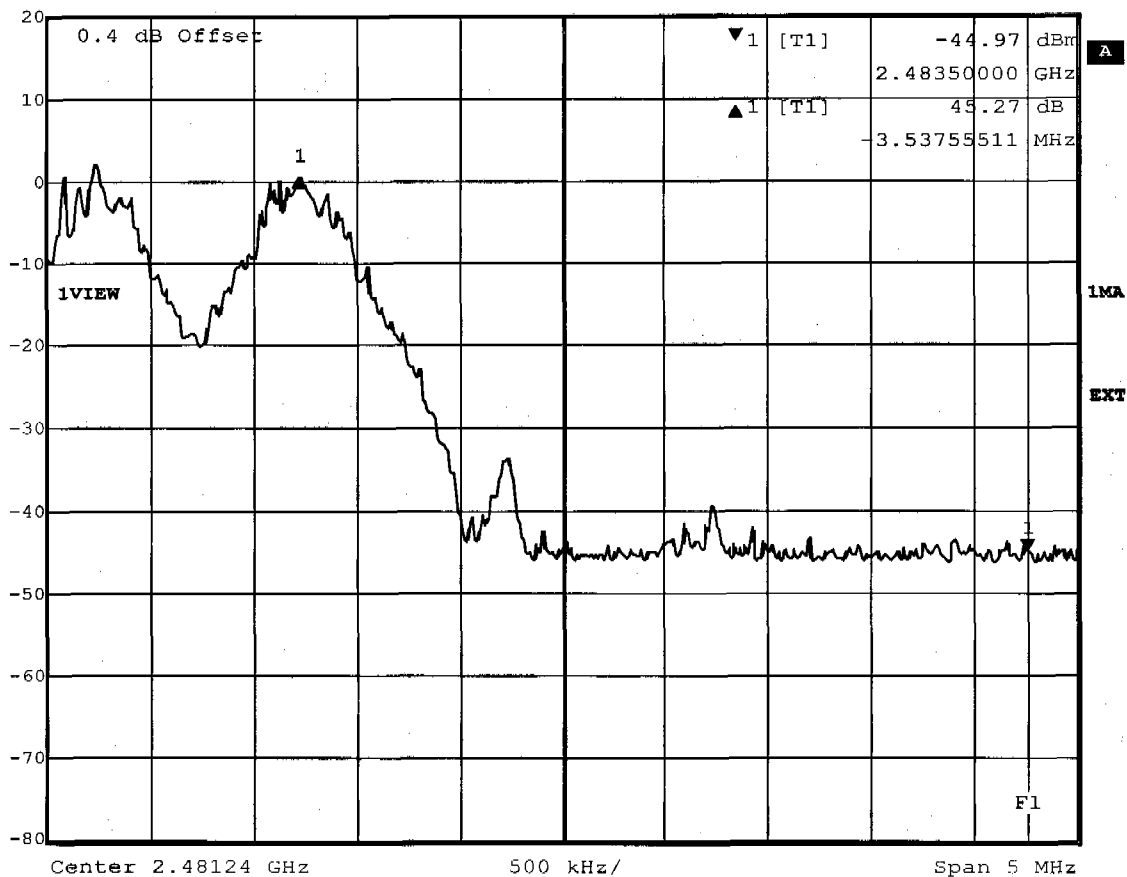
Delta 1 [T1] RBW 50 kHz RF Att 40 dB
Ref Lvl 46.33 dB VBW 50 kHz
20 dBm 1.98647295 MHz SWT 5 ms Unit dBm



Title: Band-edge Compliance (conducted, hopping mode)
Comment A: Nokia HS-59W
Date: 27.MAR.2006 14:26:04



Delta 1 [T1] RBW 50 kHz RF Att 40 dB
Ref Lvl 45.27 dB VBW 50 kHz
20 dBm -3.53755511 MHz SWT 5 ms Unit dBm



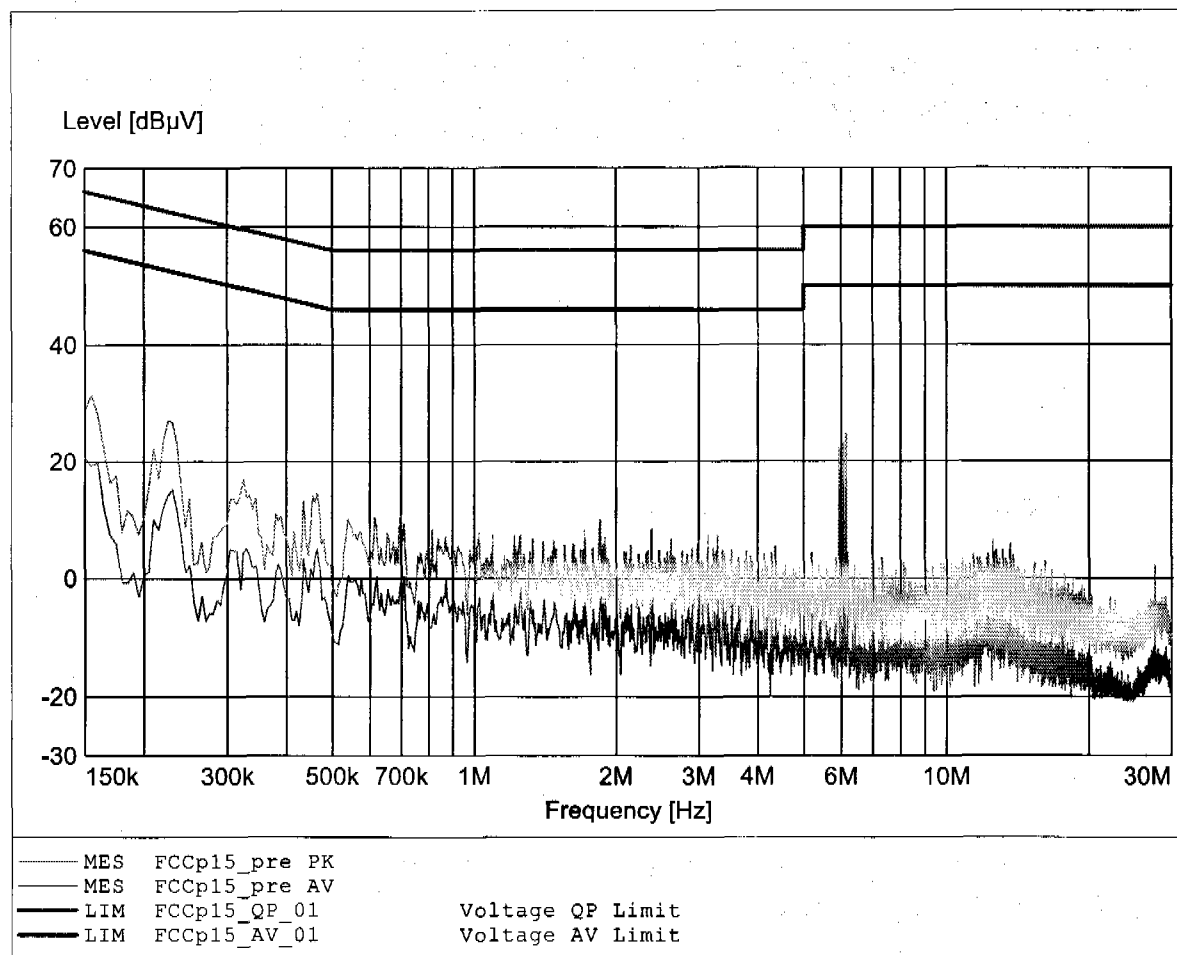
Title: Band-edge Compliance (conducted, hopping mode)
Comment A: Nokia HS-59W
Date: 27.MAR.2006 14:33:47

Appendix K

AC power line conducted emissions

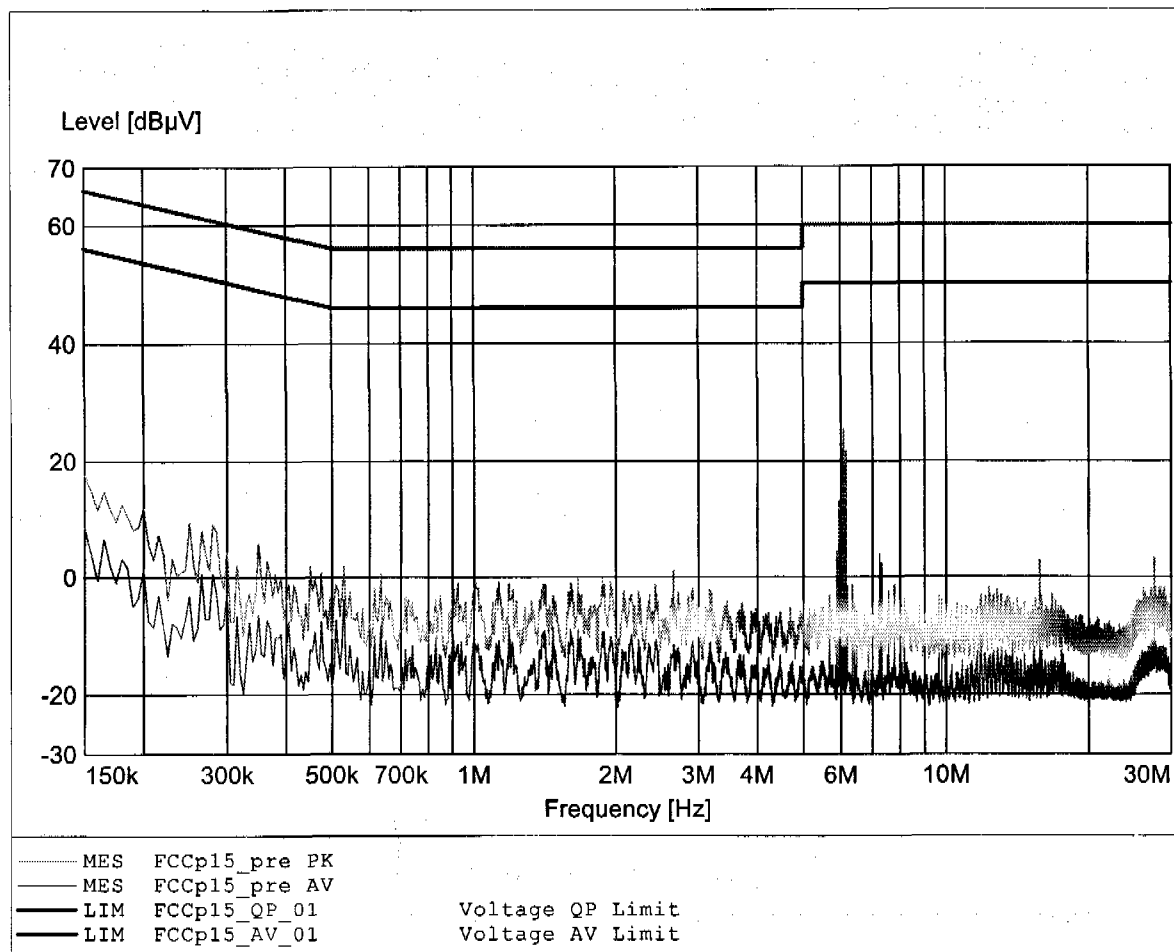
EMI voltage test in the ac-mains according to FCC part 15

EUT: Nokia Bluetooth Headset
Manufacturer: Nokia Corporation
Operating Condition: Unom: 120V AC (AC/DC Adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: Nokia HS-59W mode: charging
Adaptor: AC-3U



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

EUT: Nokia Bluetooth Headset
Manufacturer: Nokia Corporation
Operating Condition: Unom: 120V AC (AC/DC Adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: Nokia HS-59W mode: charging
Adaptor: AC-3U



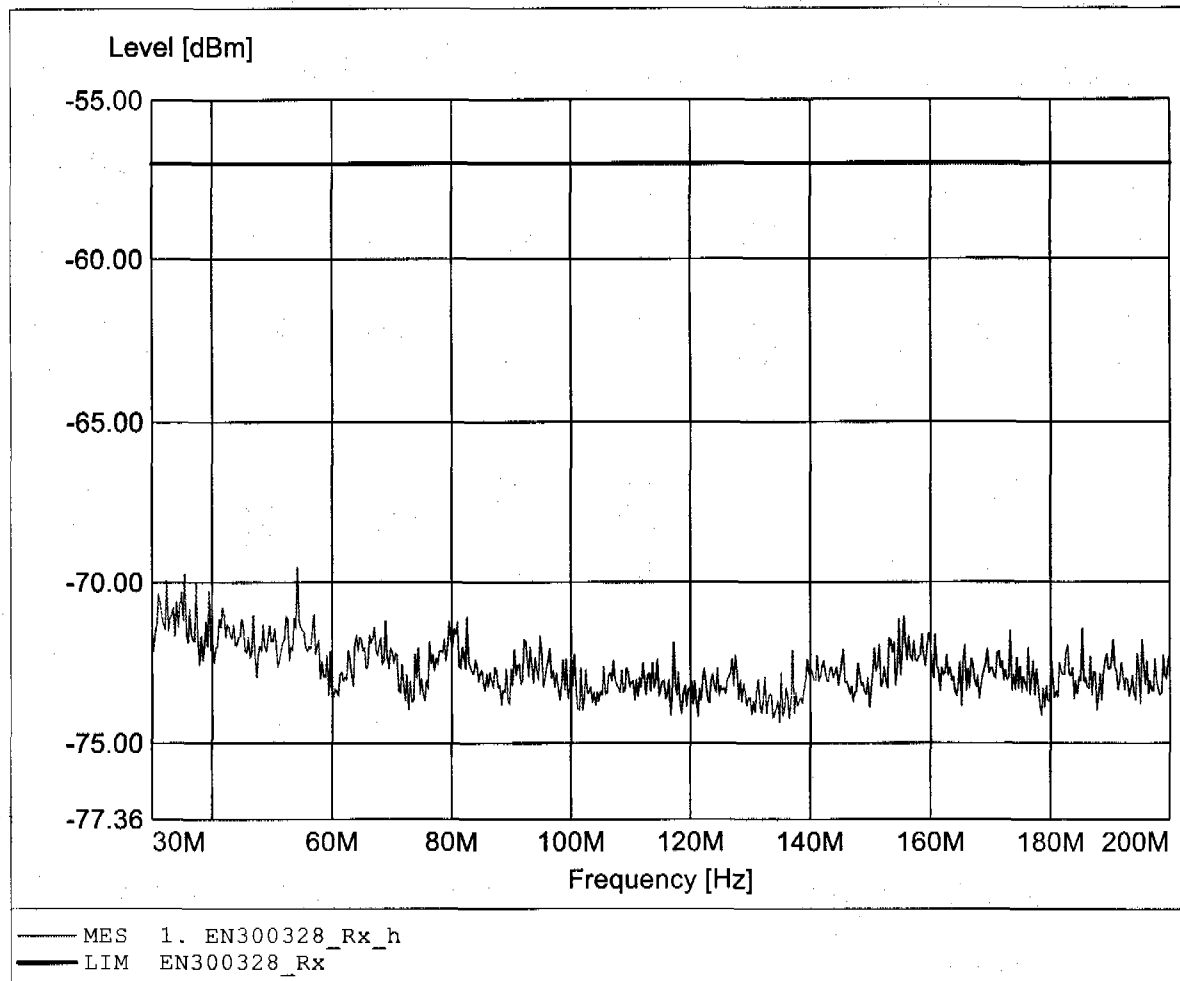
Appendix L

Receiver radiated emissions

Spurious emissions under normal conditions

in accordance to the EN 300 328

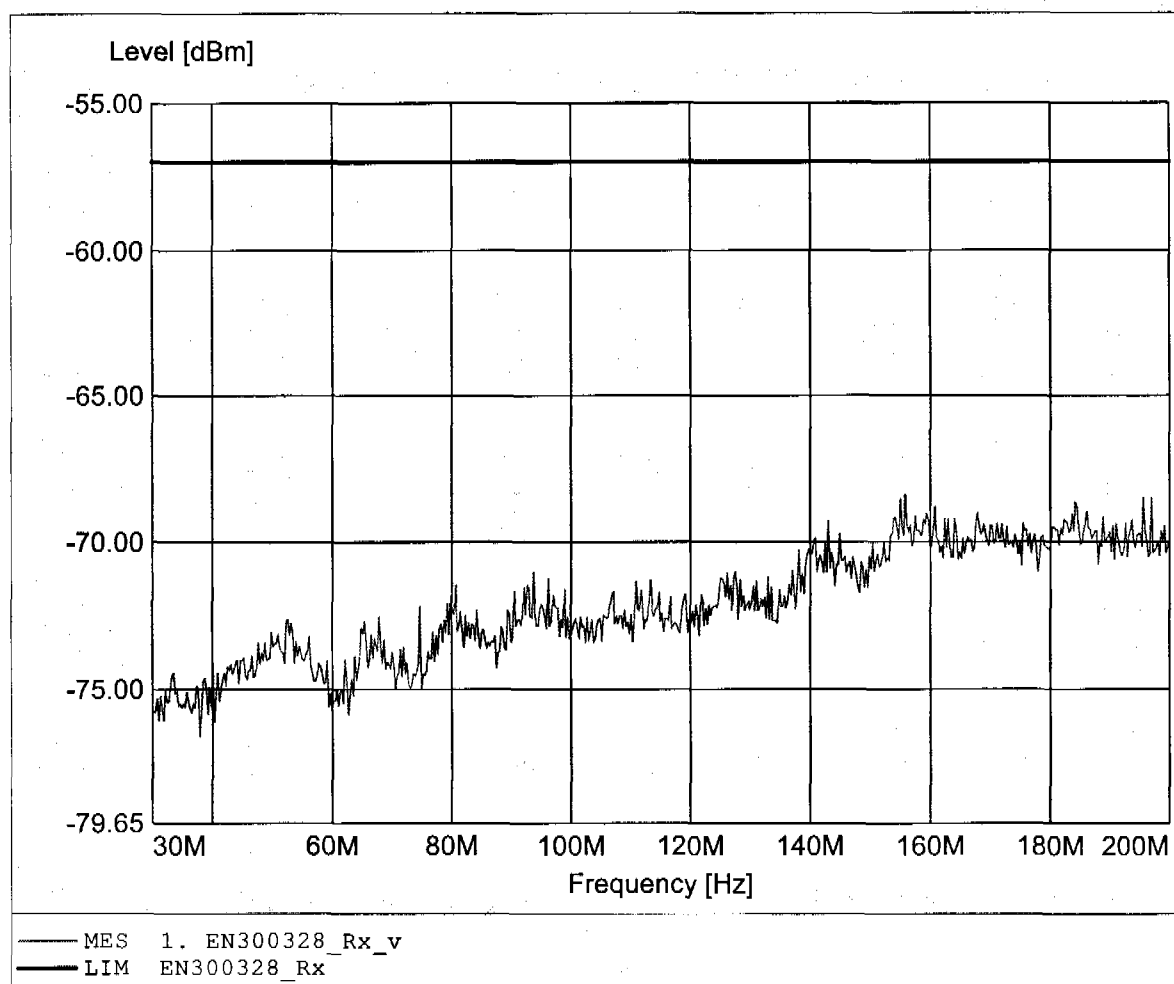
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 3m, Ant.: HK 116, ampl.: None
Comment 2: Freq:54.247MHz Pmax:-69.53dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

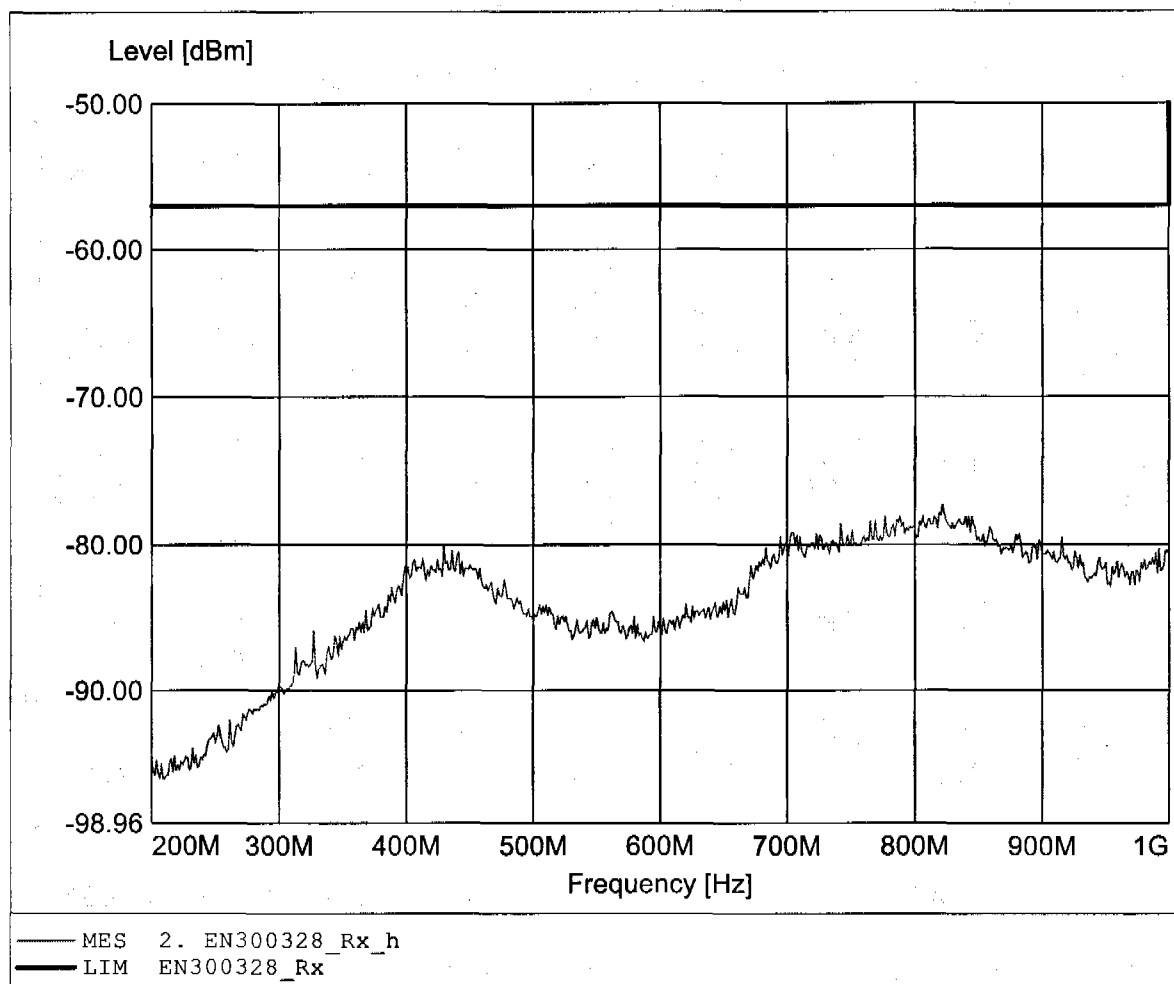
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 3m, Ant.: HK 116, ampl.: None
Comment 2: Freq:155.865MHz Pmax:-68.40dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

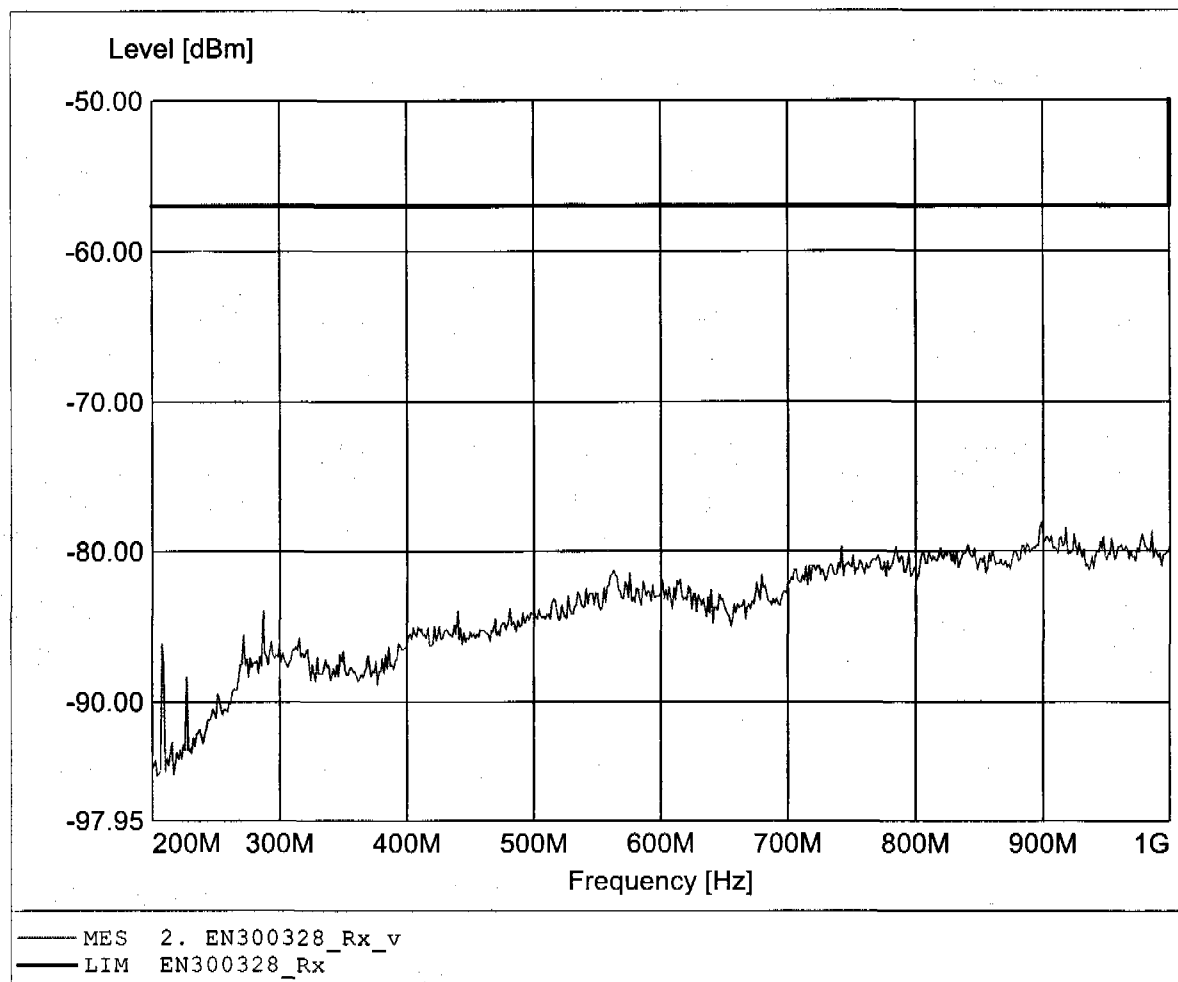
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.: 0.1-1GHz
Comment 2: Freq:821.795MHz Pmax:-77.28dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

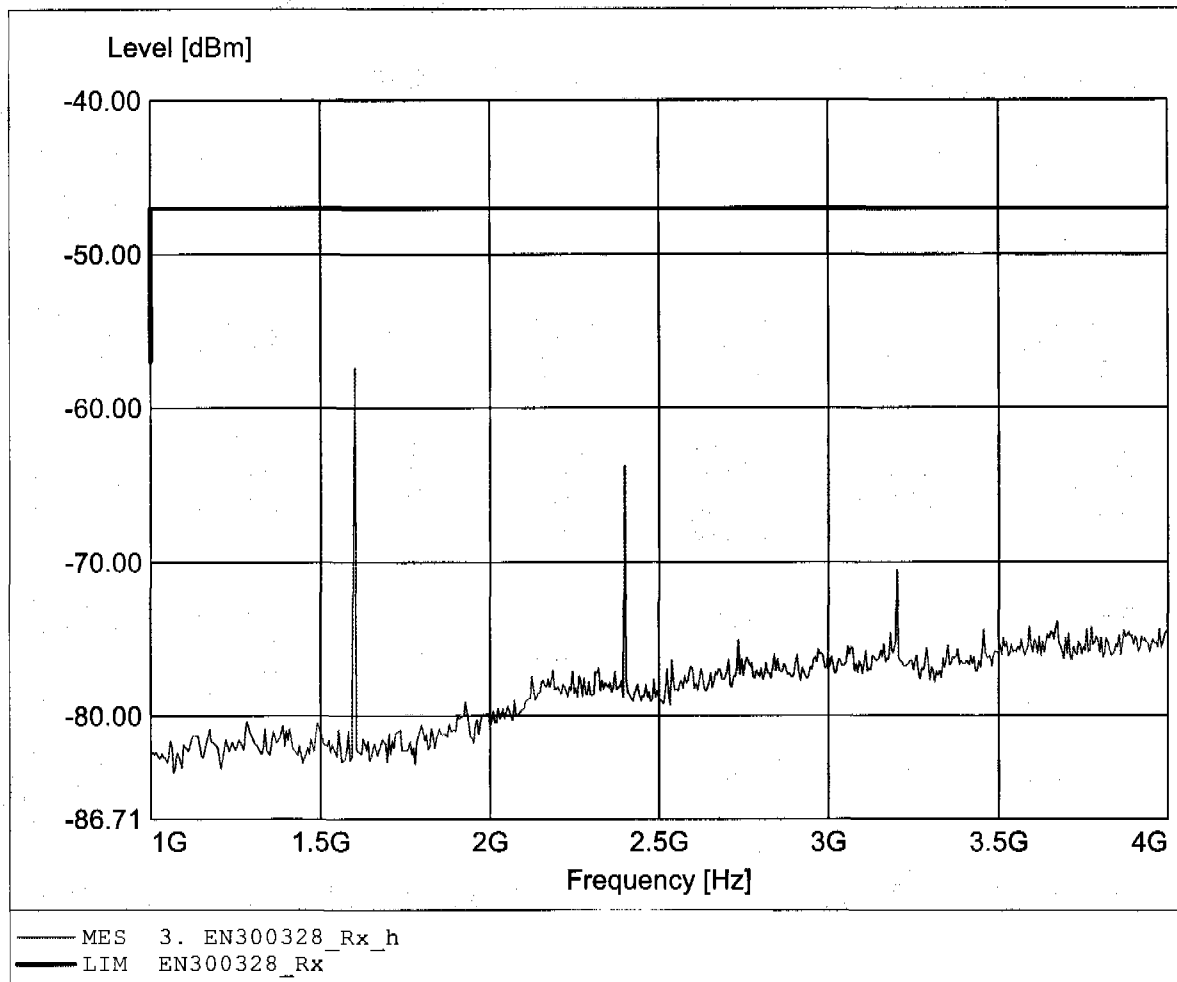
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.: 0.1-1GHz
Comment 2: Freq:898.718MHz Pmax:-78.08dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

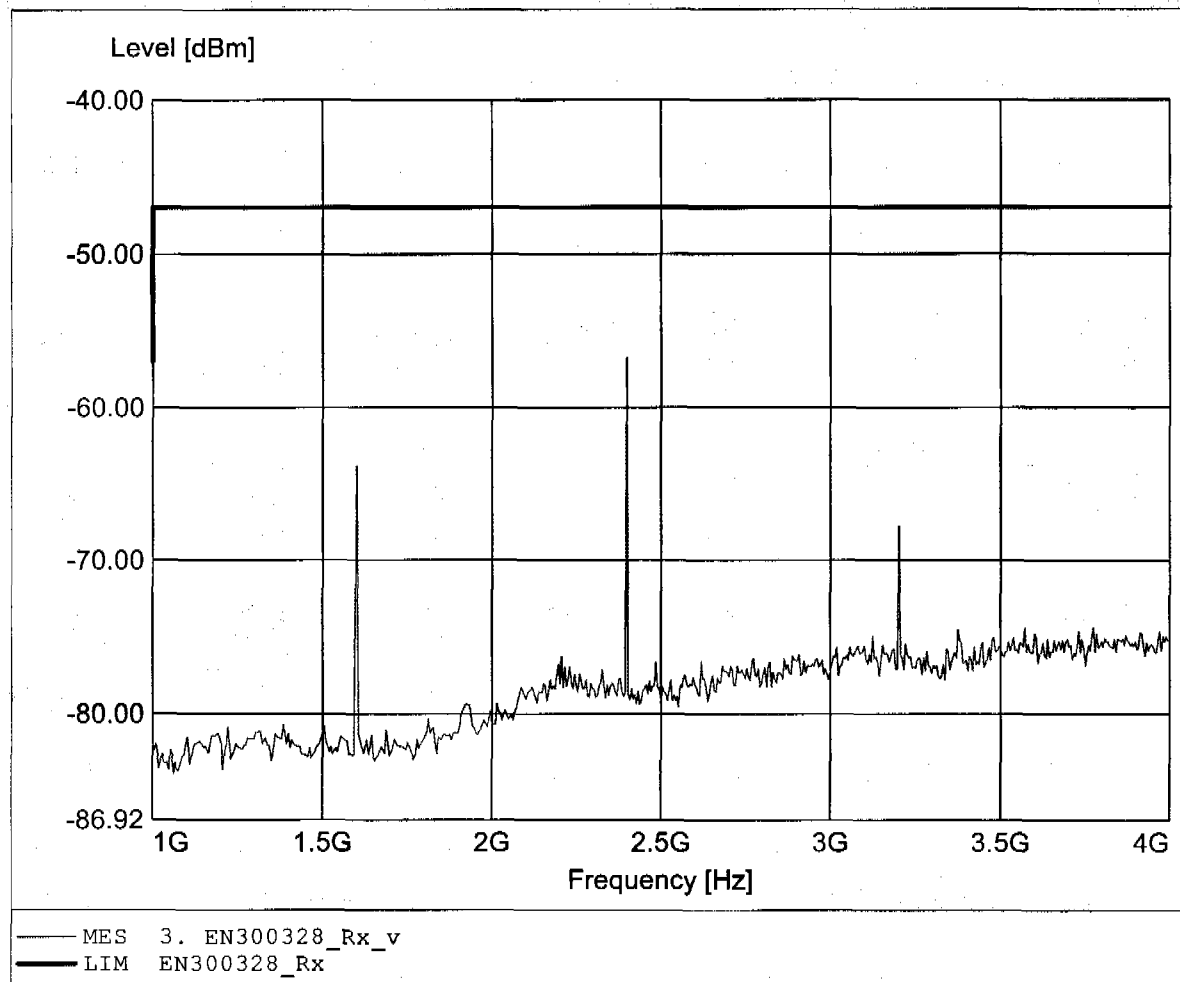
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 1m, Ant.: BBHA9120D, ampl.: 1-4GHz
Comment 2: Freq:1.601GHz Pmax:-57.43dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

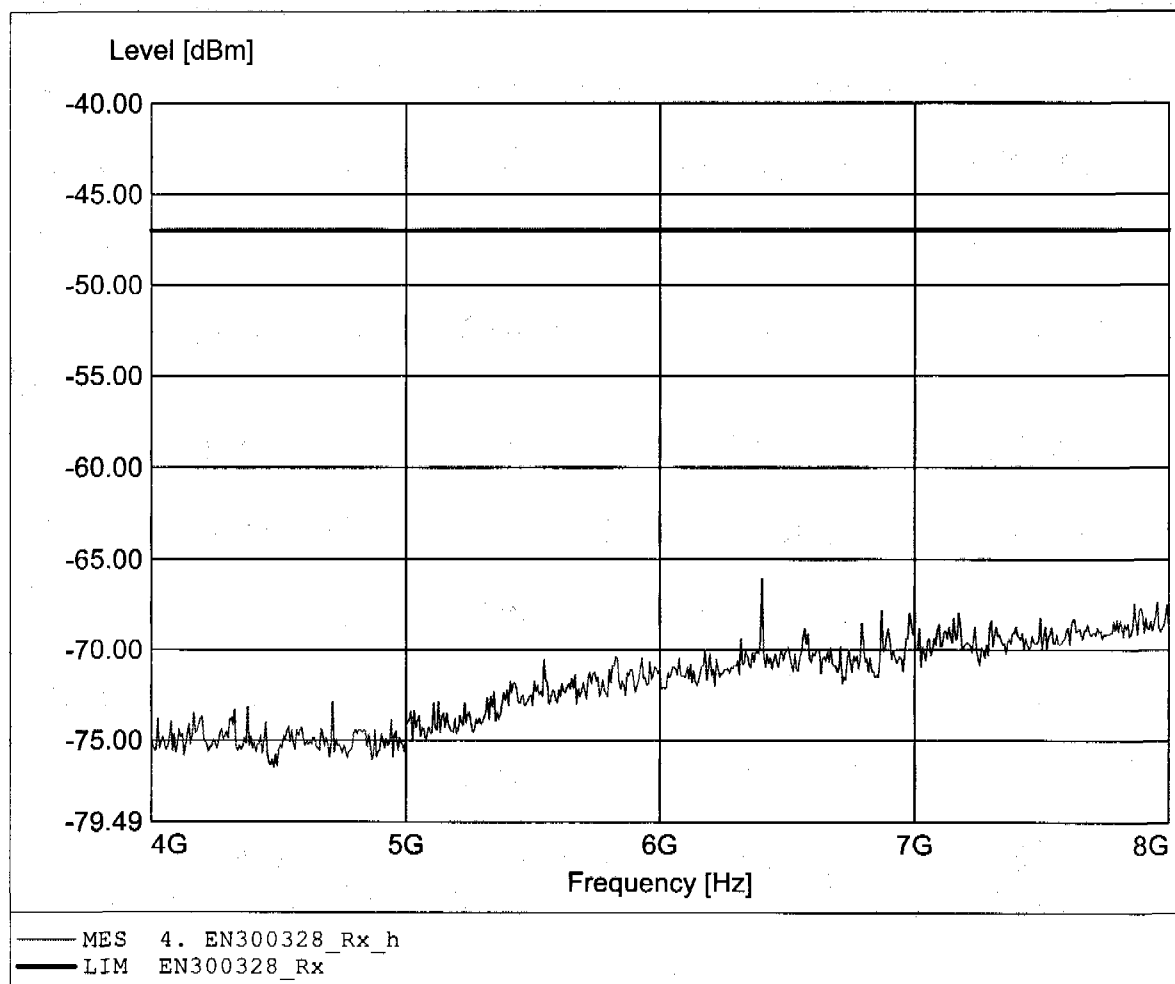
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 1m, Ant.: BBHA9120D, ampl.: 1-4GHz
Comment 2: Freq:2.399GHz Pmax:-56.71dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

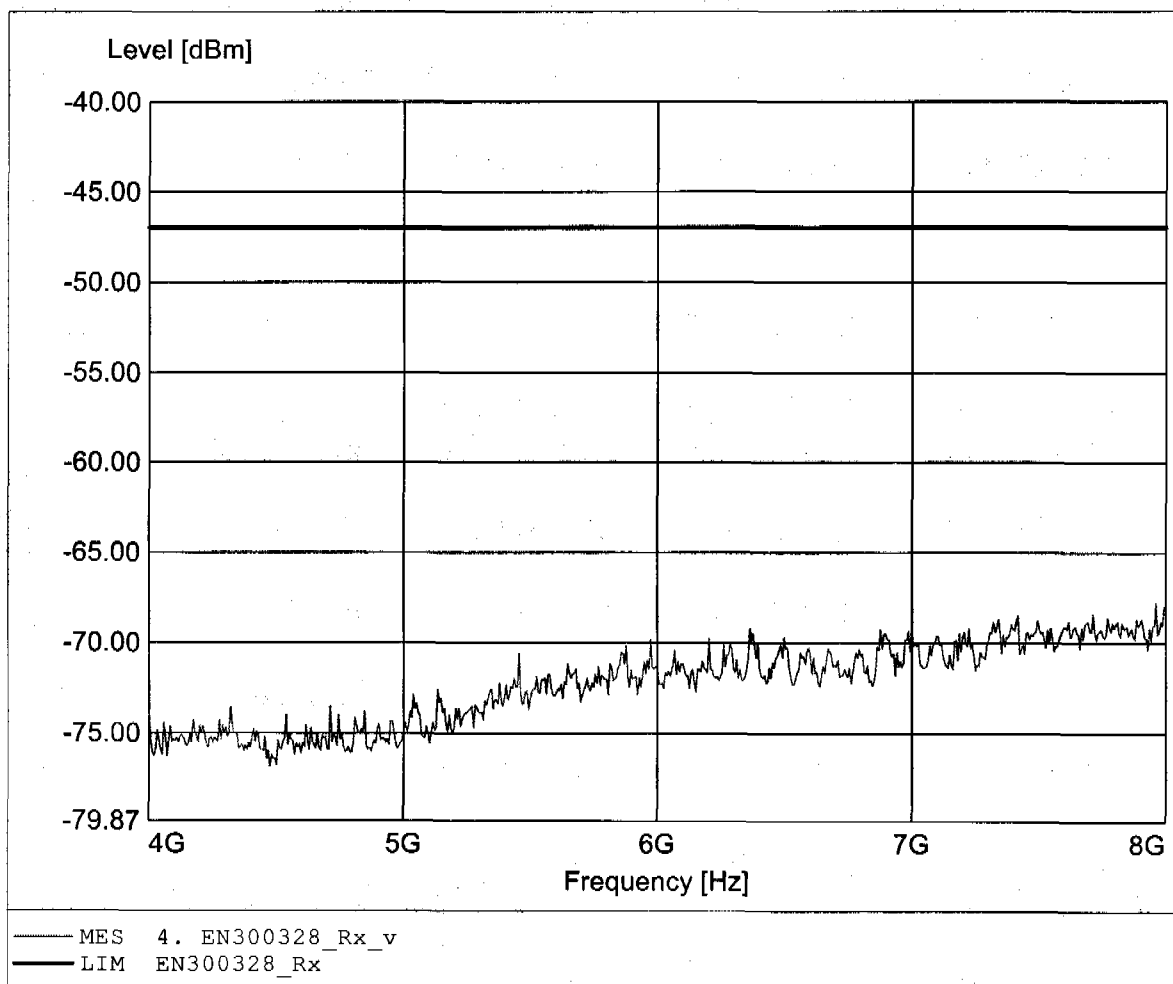
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 1m, Ant.: BBHA9120D, ampl.: 4-8GHz
Comment 2: Freq: 6.404GHz Pmax: -66.08dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

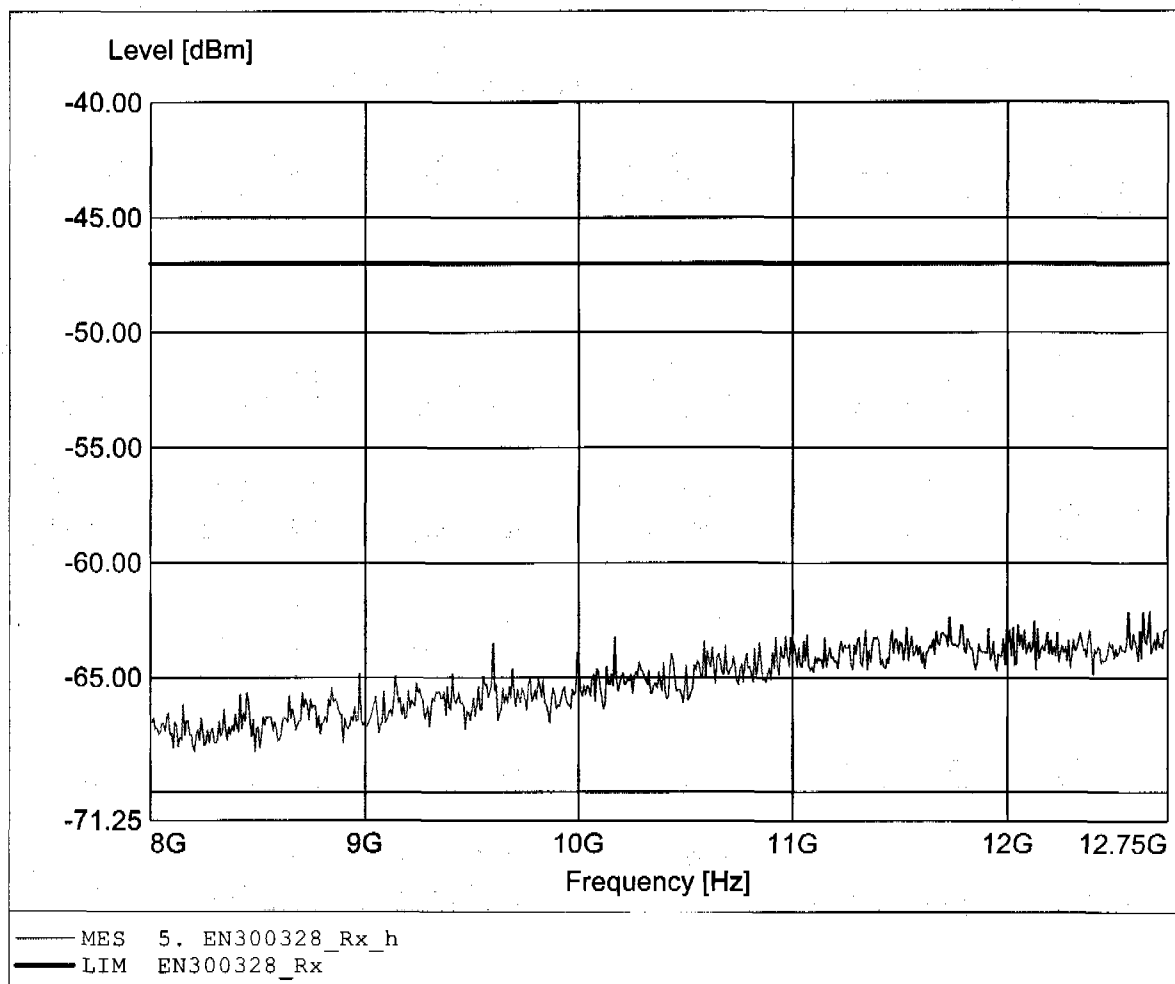
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 1m, Ant.: BBHA9120D, ampl.: 4-8GHz
Comment 2: Freq: 7.962GHz Pmax: -67.79dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

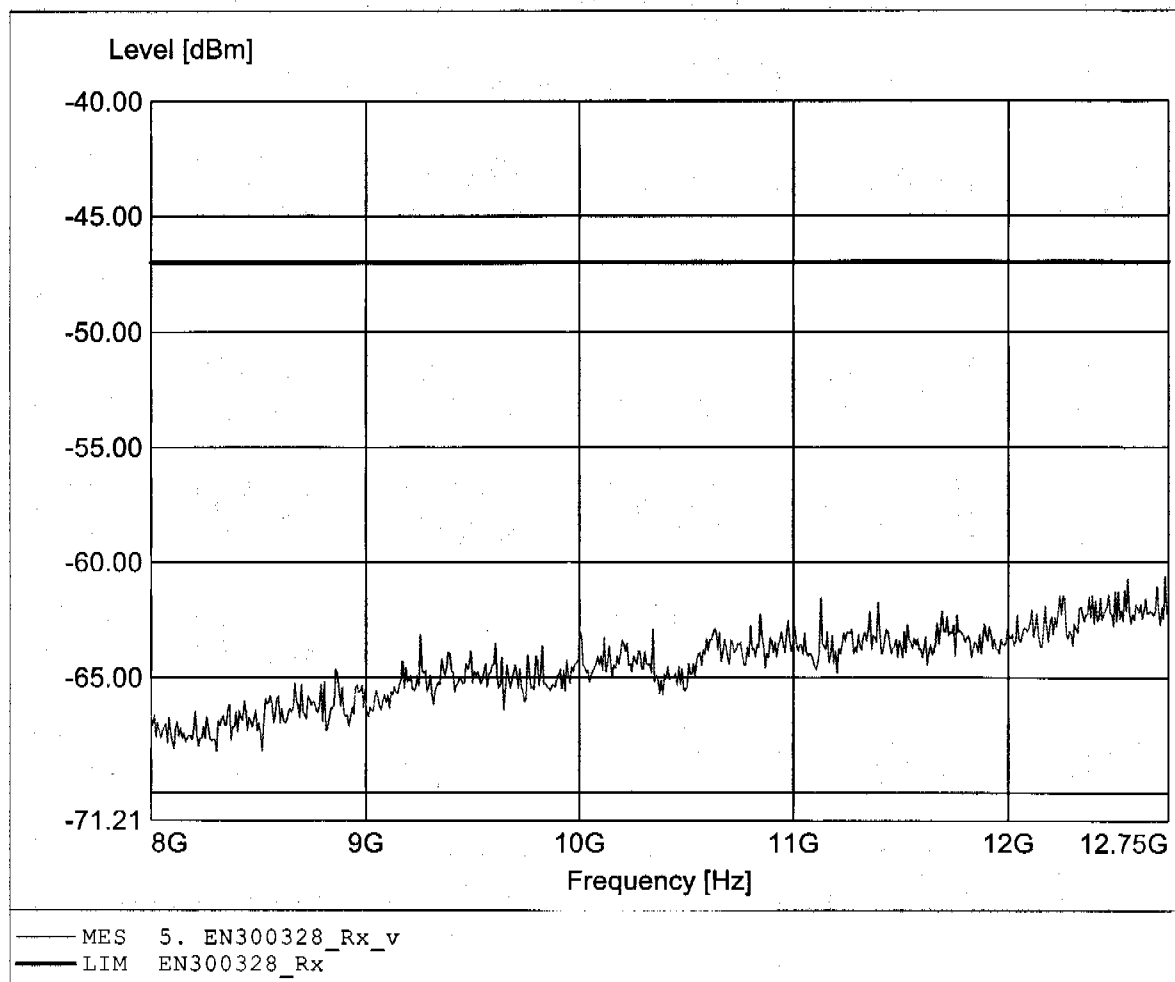
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 1m, Ant.: BBHA9120D, ampl.: 8-18GHz
Comment 2: Freq:12.666GHz Pmax:-62.10dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

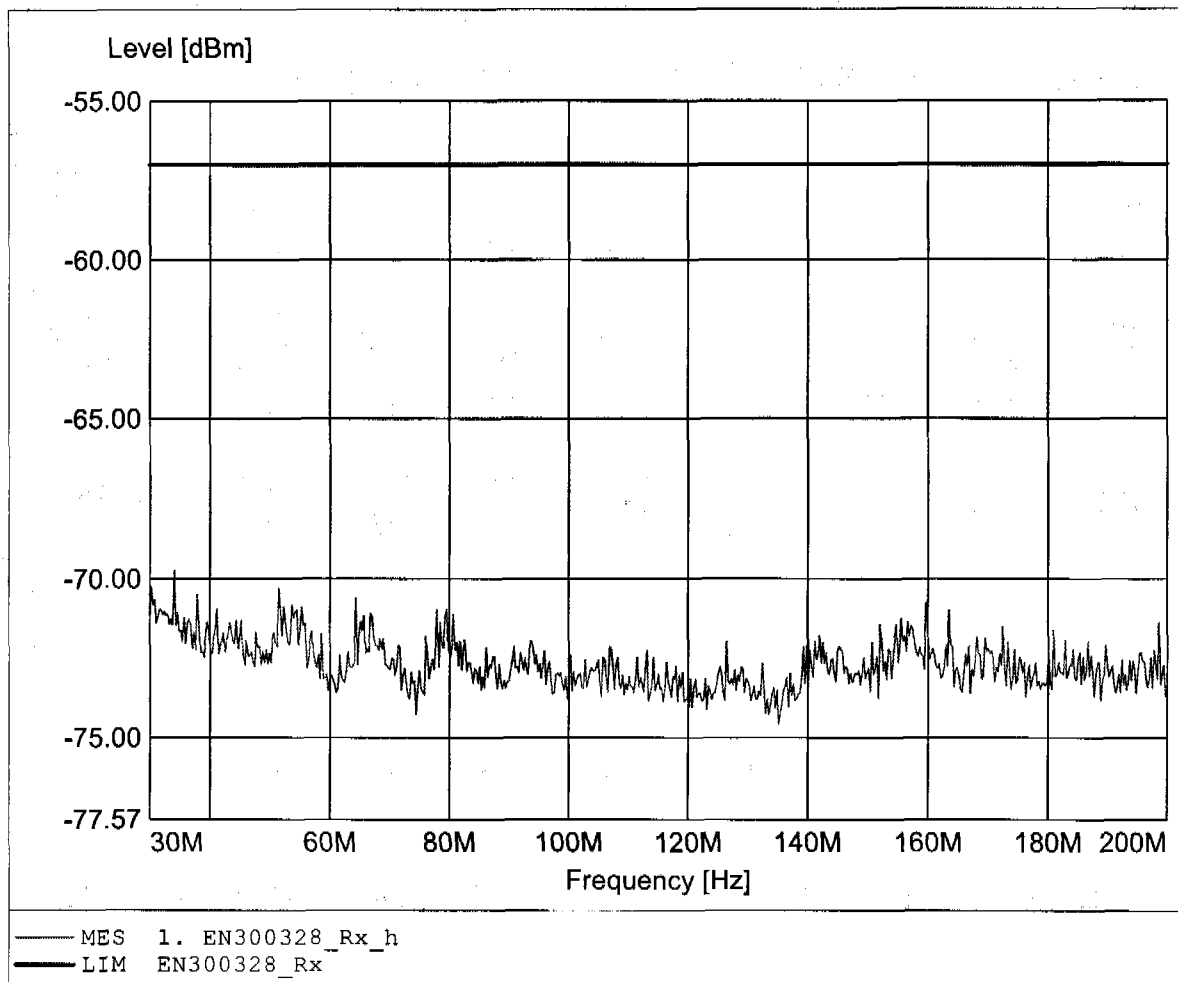
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2402MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 1m, Ant.: BBHA9120D, ampl.: 8-18GHz
Comment 2: Freq:12.735GHz Pmax:-60.66dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

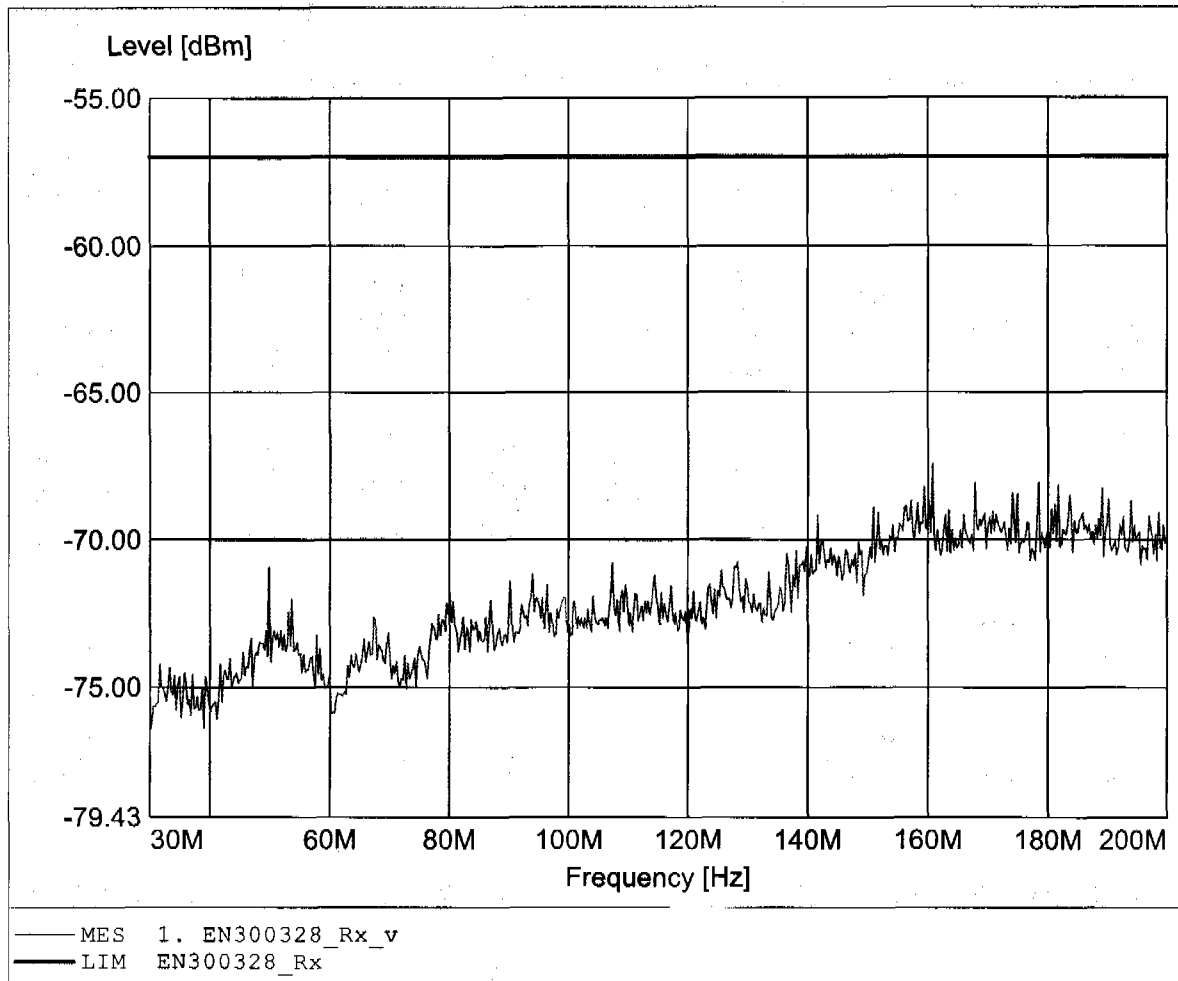
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 3m, Ant.: HK 116, ampl.: None
Comment 2: Freq:34.087MHz Pmax:-69.75dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

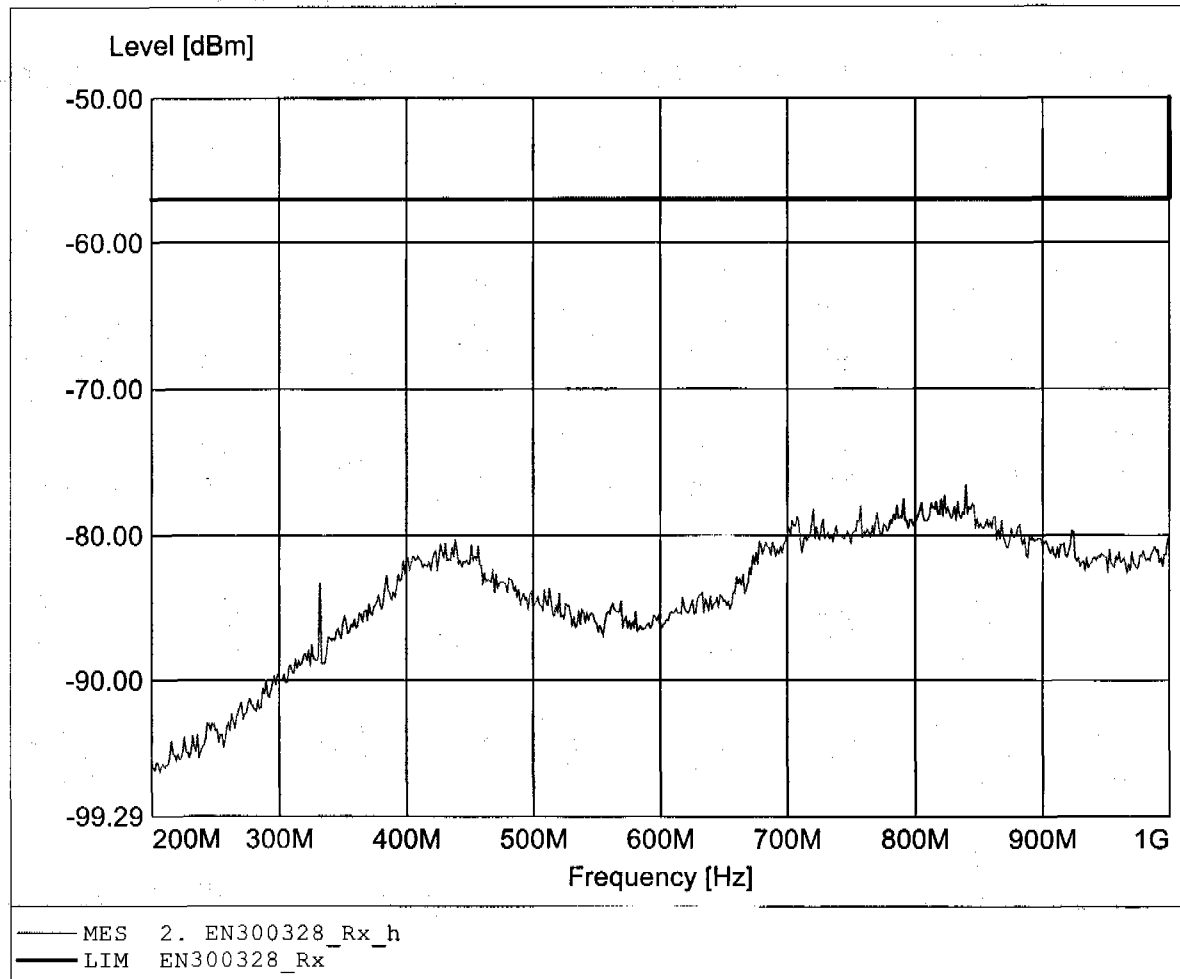
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 3m, Ant.: HK 116, ampl.: None
Comment 2: Freq:160.769MHz Pmax:-67.45dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

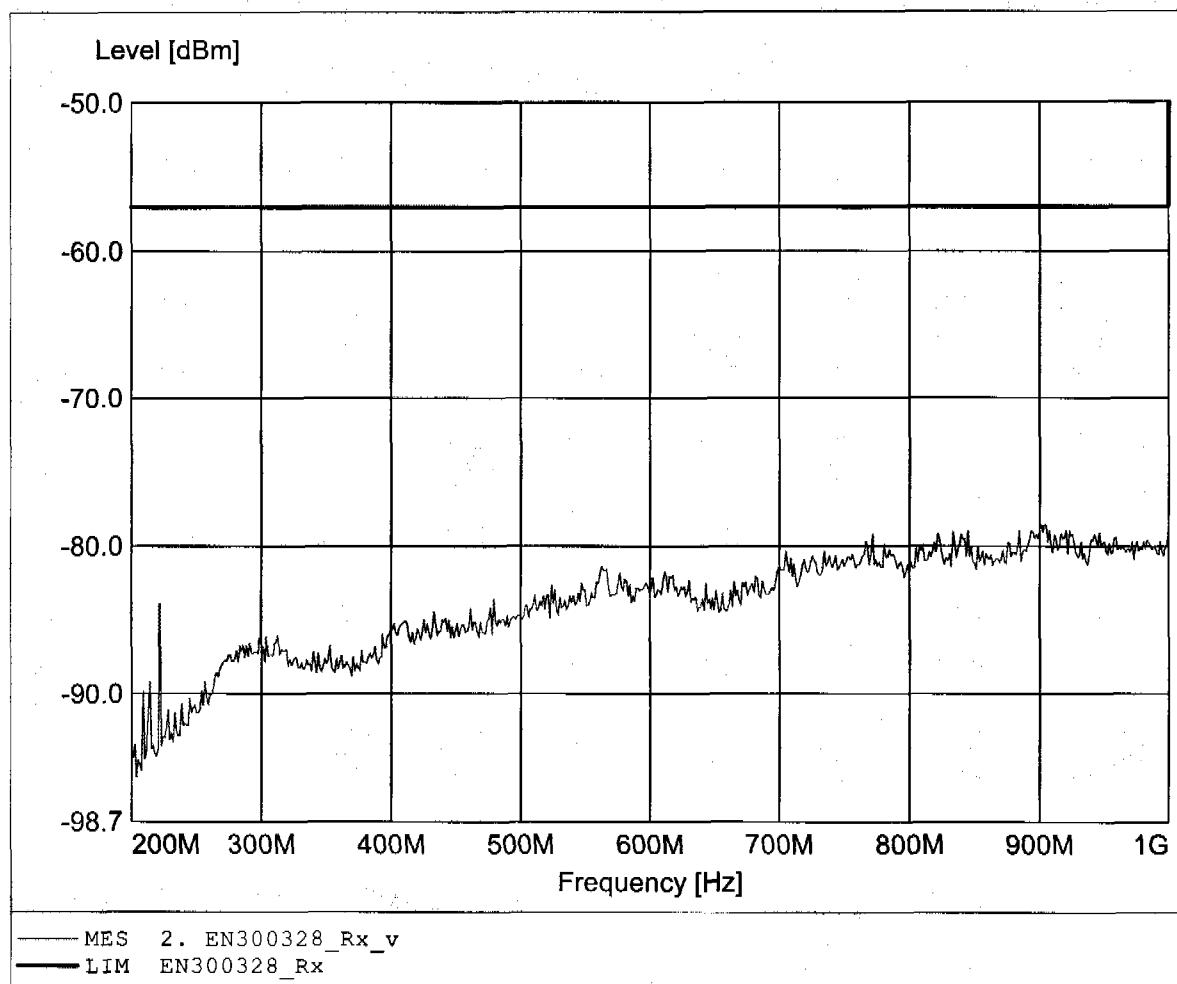
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.: 0.1-1GHz
Comment 2: Freq:839.744MHz Pmax:-76.58dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

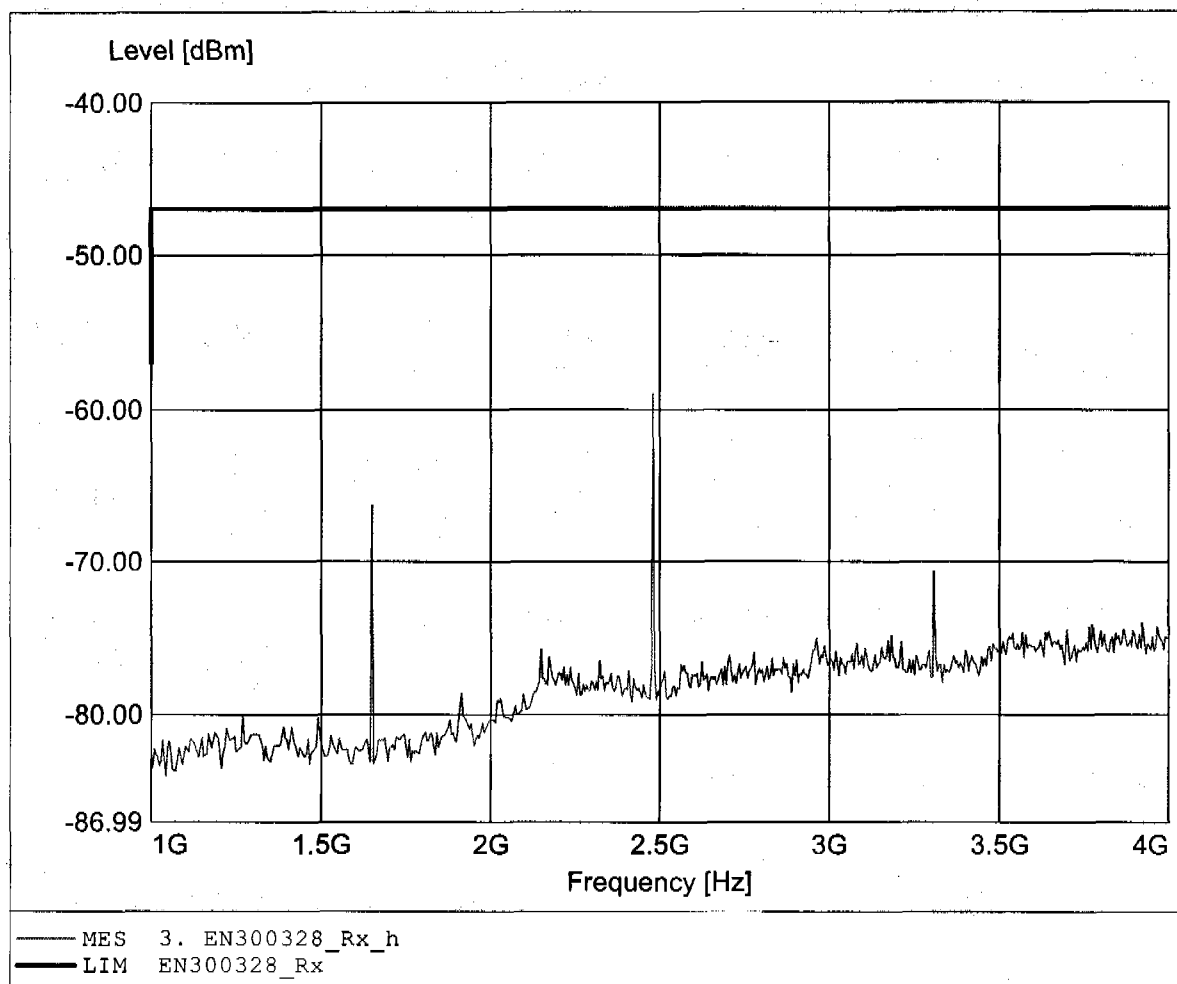
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.: 0.1-1GHz
Comment 2: Freq:901.282MHz Pmax:-78.54dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

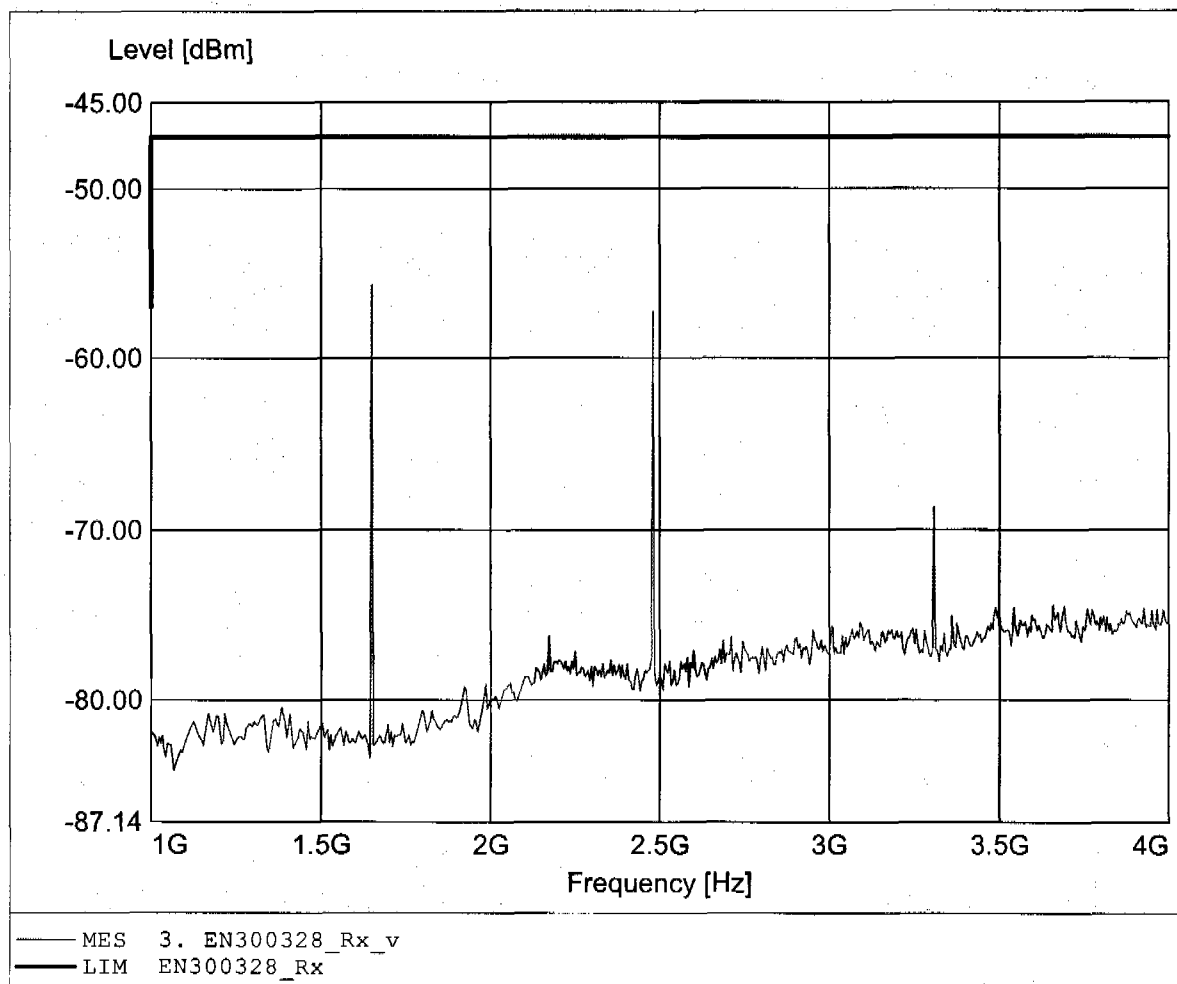
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 1m, Ant.: BBHA9120D, ampl.: 1-4GHz
Comment 2: Freq:2.481GHz Pmax:-58.97dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

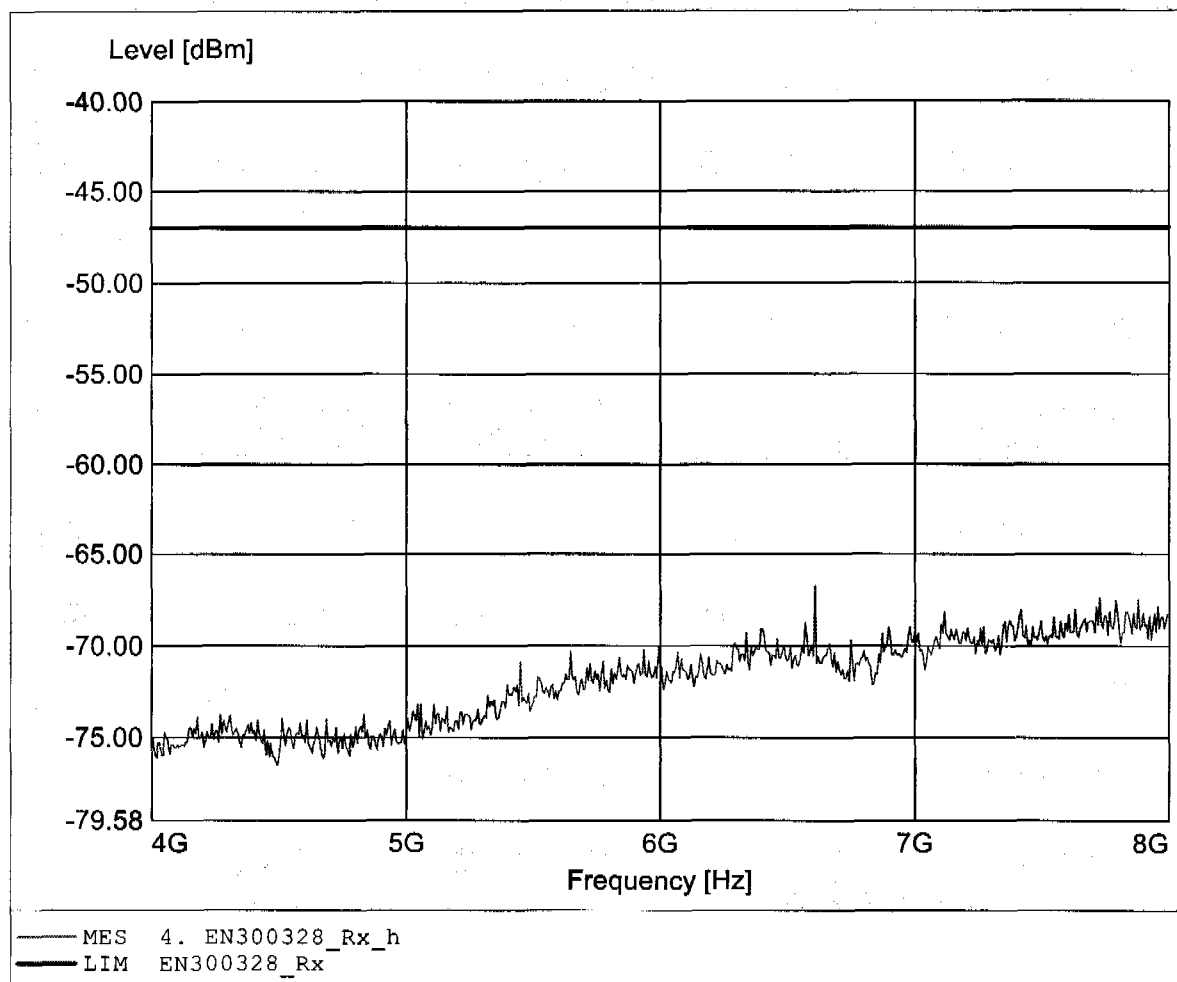
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 1m, Ant.: BBHA9120D, ampl.: 1-4GHz
Comment 2: Freq:1.649GHz Pmax:-55.65dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

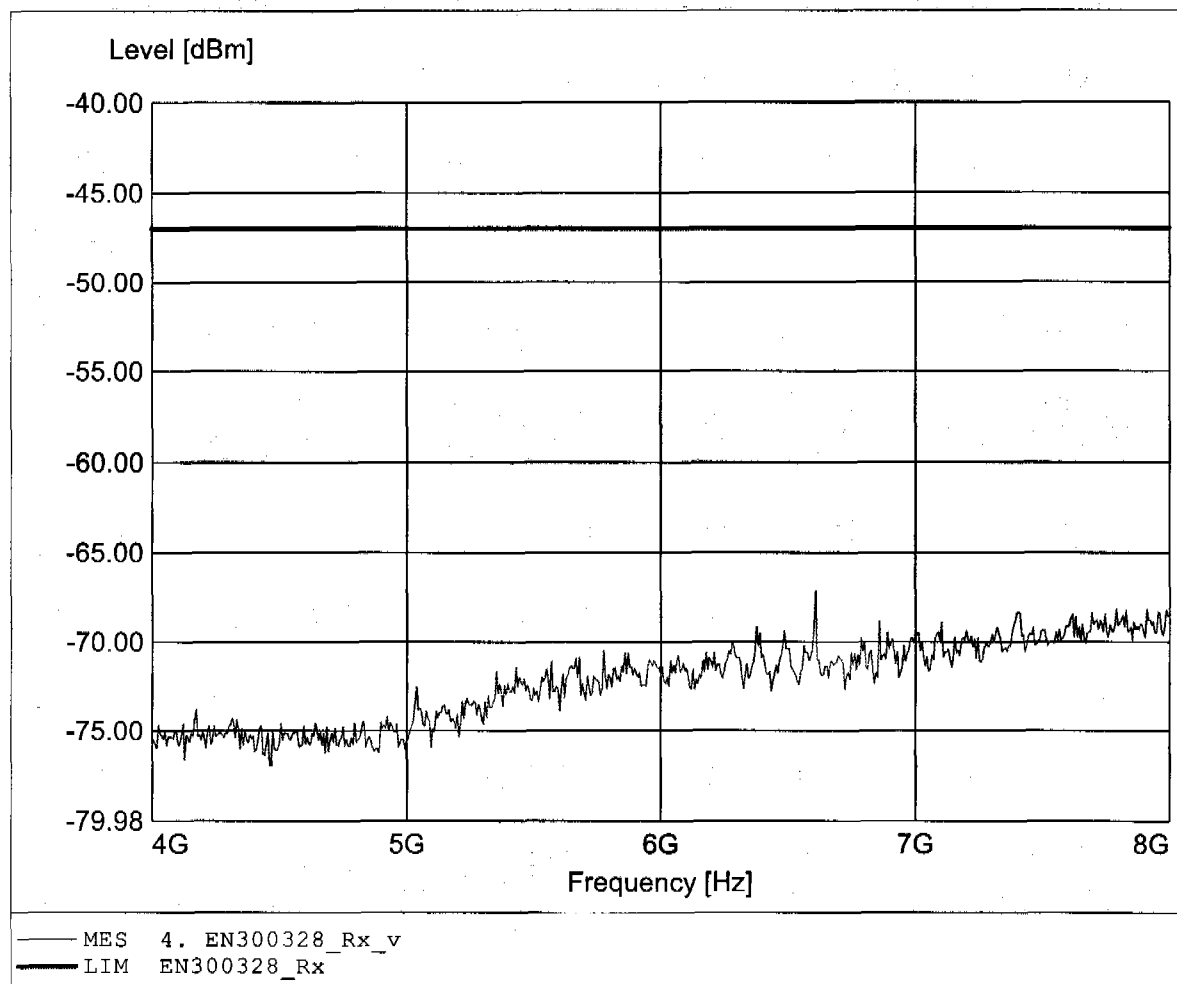
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 1m, Ant.: BBHA9120D, ampl.: 4-8GHz
Comment 2: Freq:6.609GHz Pmax:-66.72dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

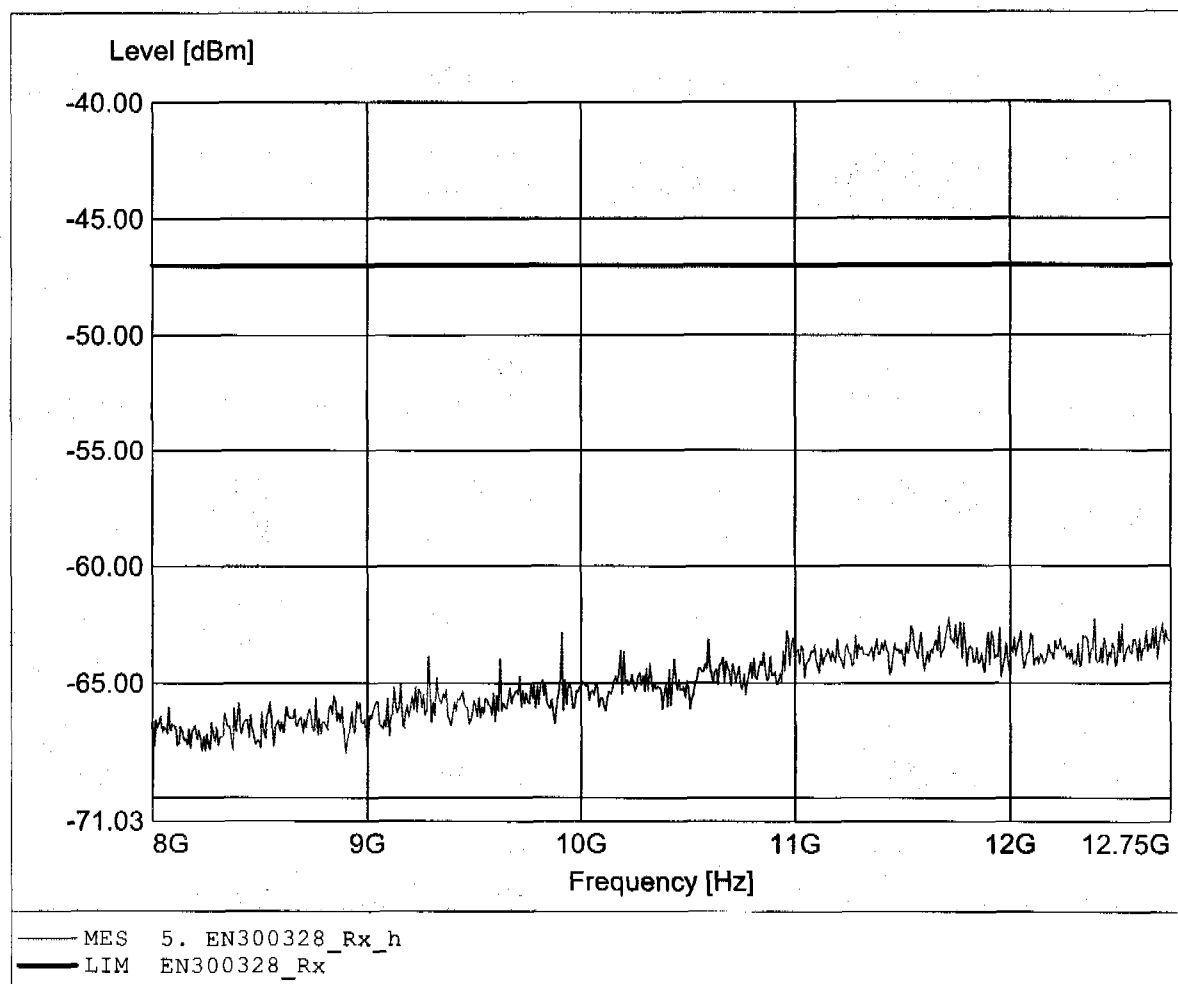
Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 1m, Ant.: BBHA9120D, ampl.: 4-8GHz
Comment 2: Freq:6.609GHz Pmax:-67.14dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 1m, Ant.: BBHA9120D, ampl.: 8-18GHz
Comment 2: Freq:11.715GHz Pmax:-62.20dBm RBW: 100 kHz



Spurious emissions under normal conditions

in accordance to the EN 300 328

Approval Holder: Nokia Corporation
EUT: Nokia Bluetooth Headset
Model: Nokia HS-59W / 2480MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 3.7 VDC
Test Specification: Fully anechoic chamber / mode: RX
Comment 1: Dist.: 1m, Ant.: BBHA9120D, ampl.: 8-18GHz
Comment 2: Freq:12.659GHz Pmax:-60.96dBm RBW: 100 kHz

