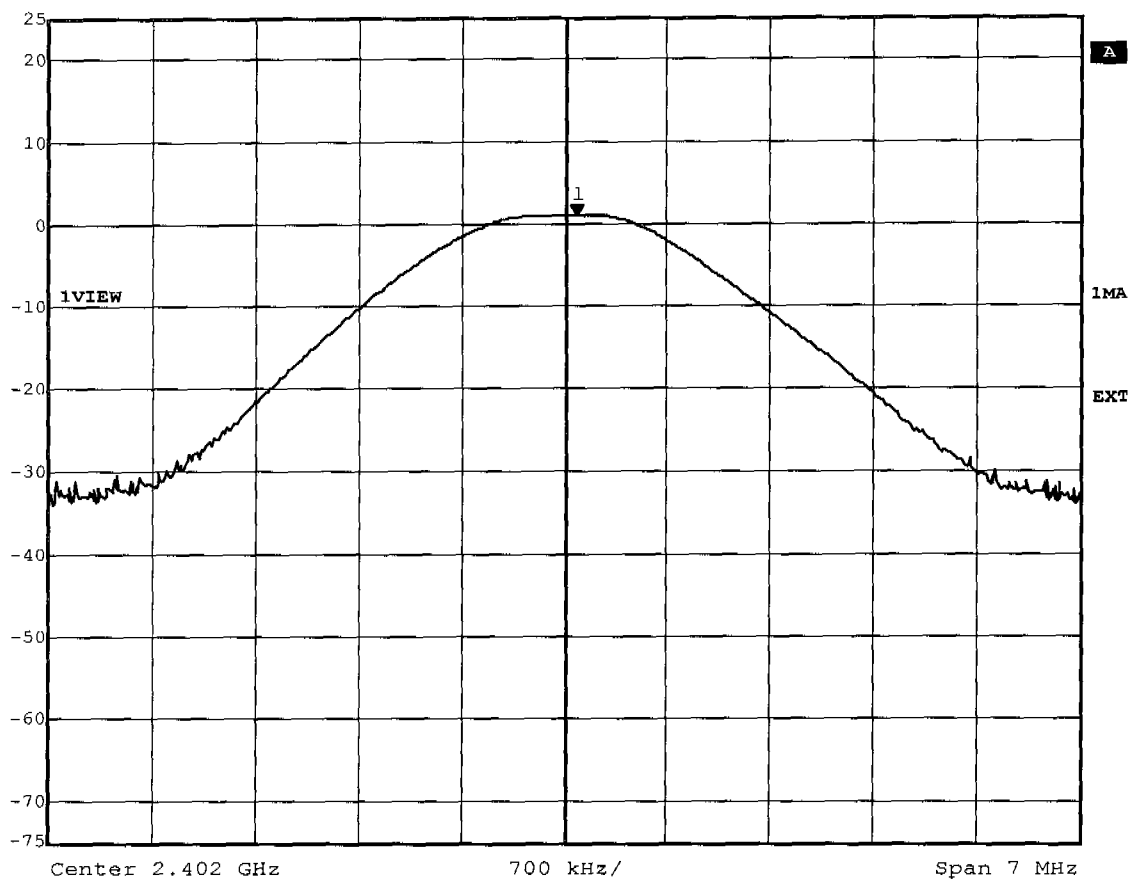


Appendix B

Peak Output Power



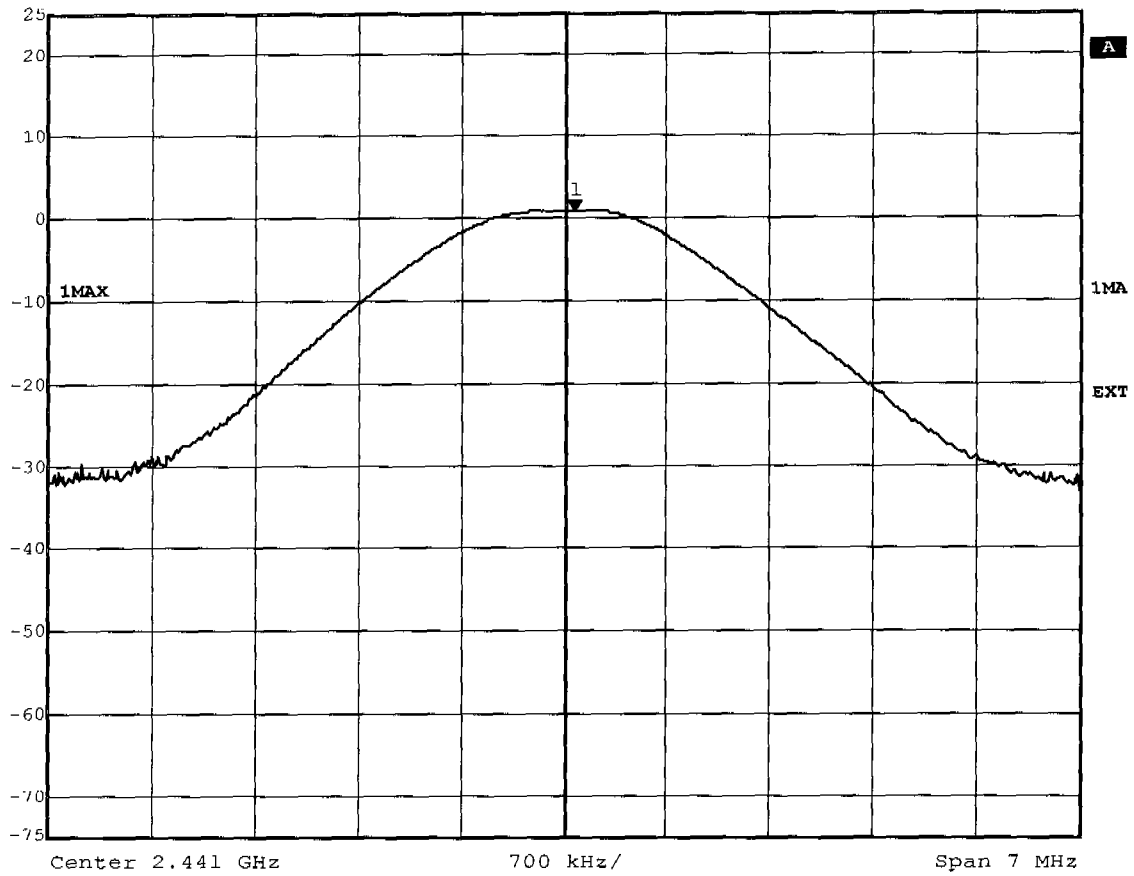
Ref Lvl	Marker 1 [T1]	RBW	1 MHz	RF Att	50 dB
25 dBm	0.99 dBm	VBW	1 MHz		
	2.40209118 GHz	SWT	5 ms	Unit	dBm



Title: Peak Output Power conducted Ch.: 0
Comment A: HS820
Date: 4.MAR.2004 09:29:38



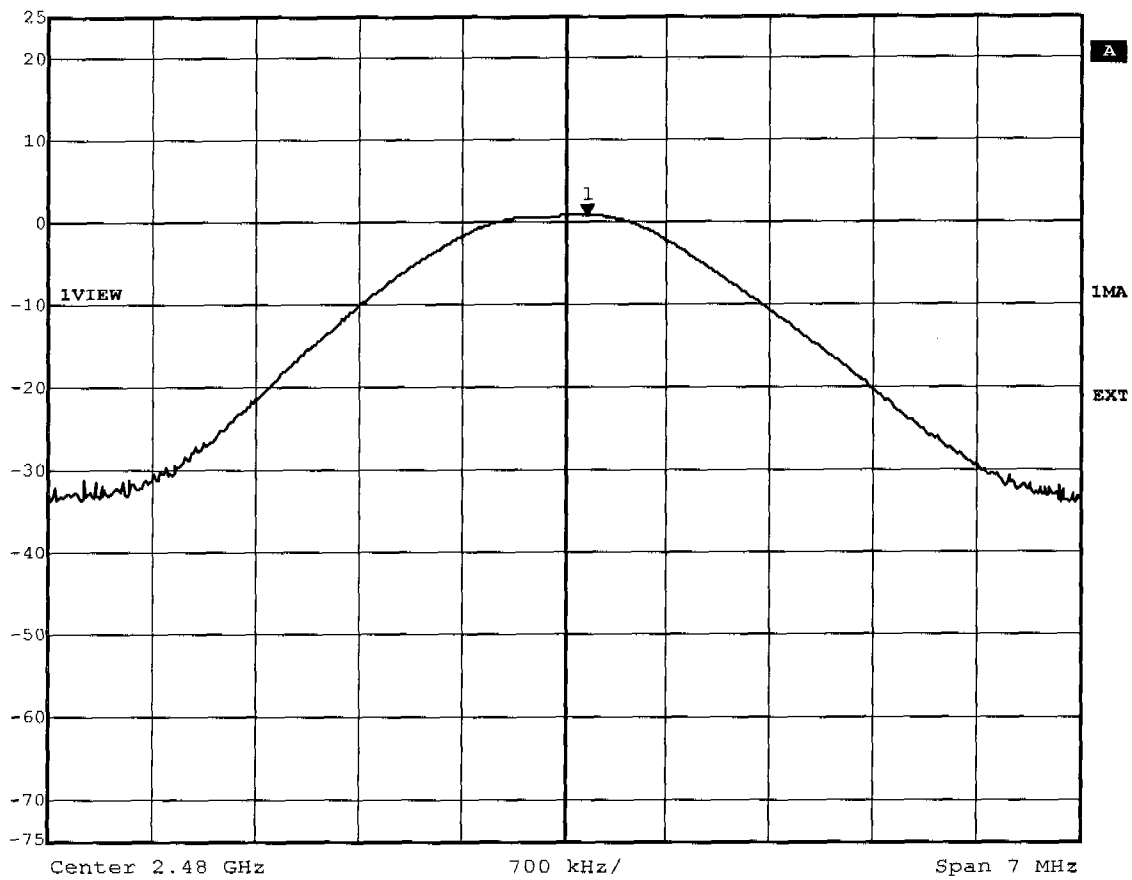
Ref Lvl	Marker 1 [T1]	RBW	1 MHz	RF Att	50 dB
25 dBm	0.69 dBm	VBW	1 MHz		
	2.44107715 GHz	SWT	5 ms	Unit	dBm



Title: Peak Output Power conducted Ch.: 39
Comment A: HS820
Date: 4.MAR.2004 09:28:29



Ref Lvl	Marker 1 [T1]	RBW	1 MHz	RF Att	50 dB
25 dBm	0.60 dBm	VBW	1 MHz		
	2.48016132 GHz	SWT	5 ms	Unit	dBm



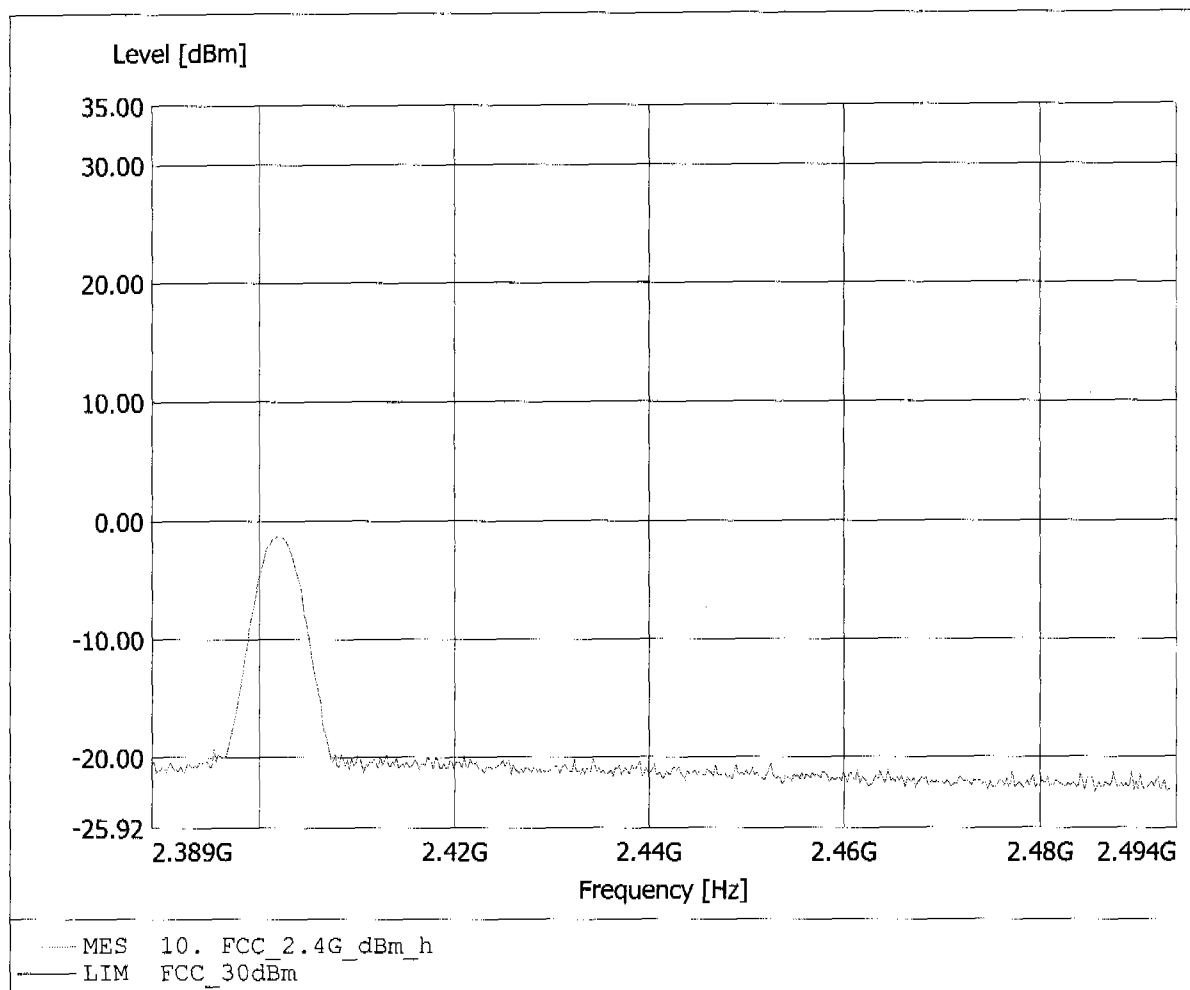
Title: Peak Output Power conducted Ch.: 78

Comment A: HS820

Date: 4.MAR.2004 09:29:06

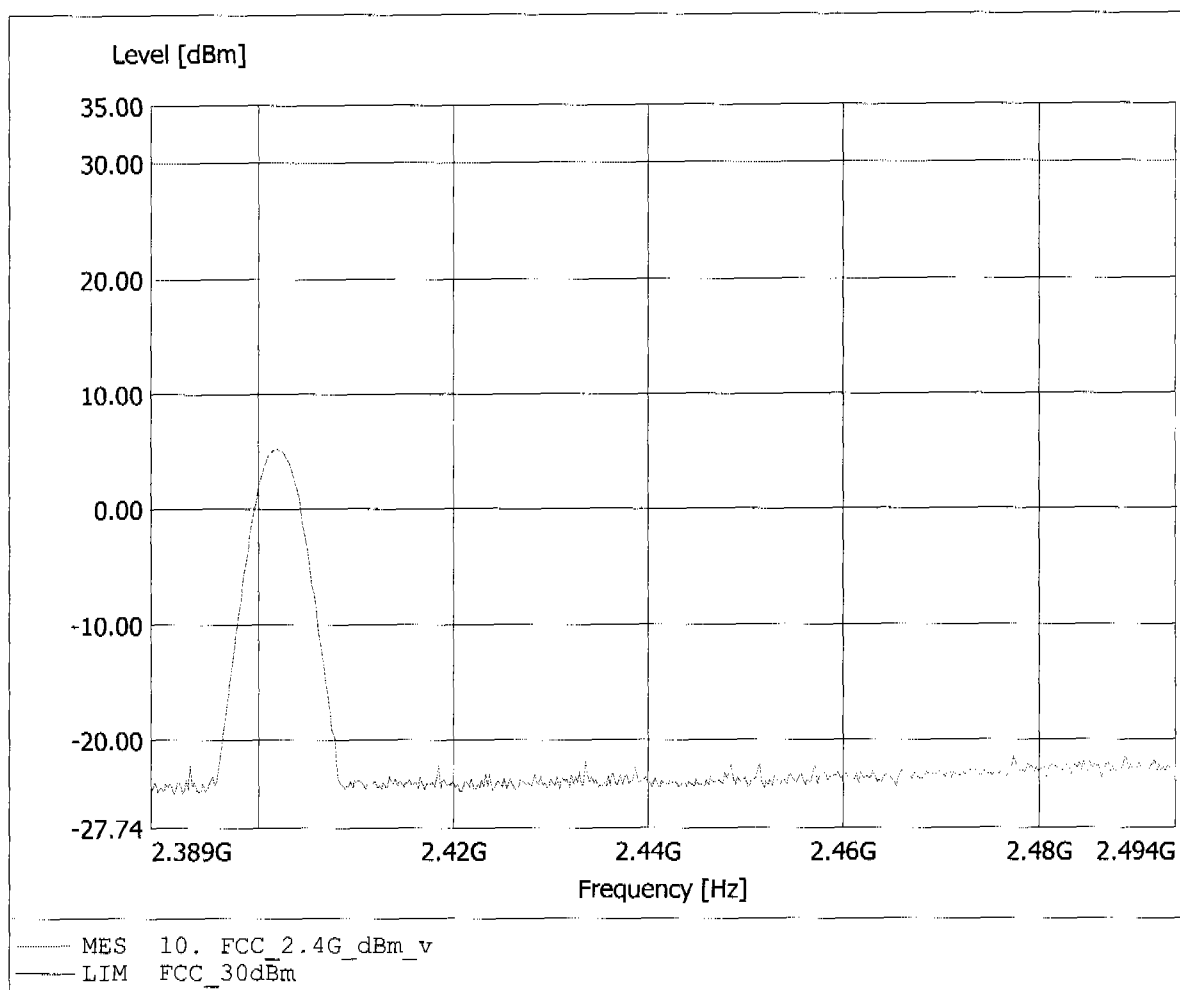
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2402MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cerovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: -1.31dBm, RBW: 5MHz



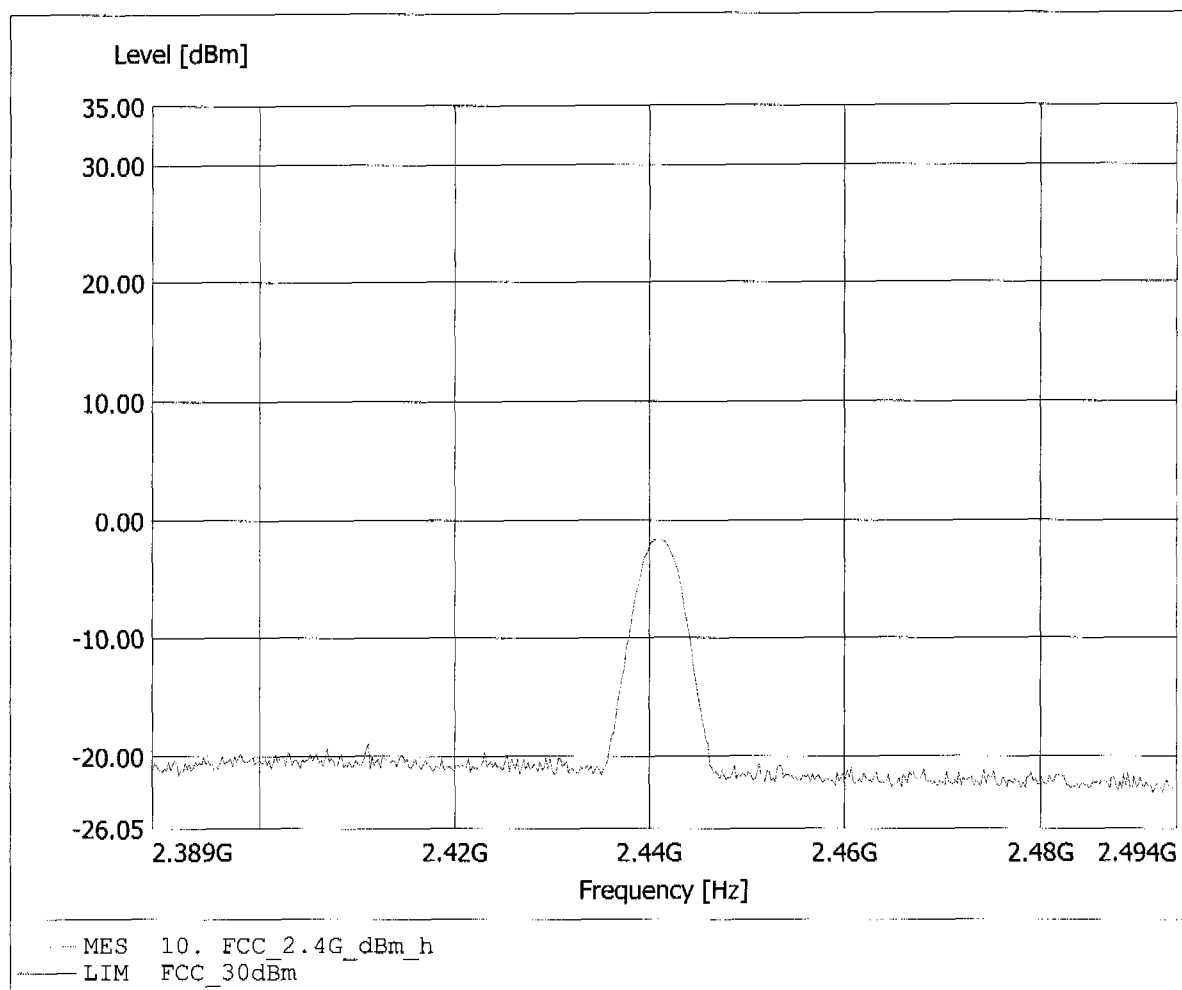
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2402MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: 5.17dBm, RBW: 5MHz



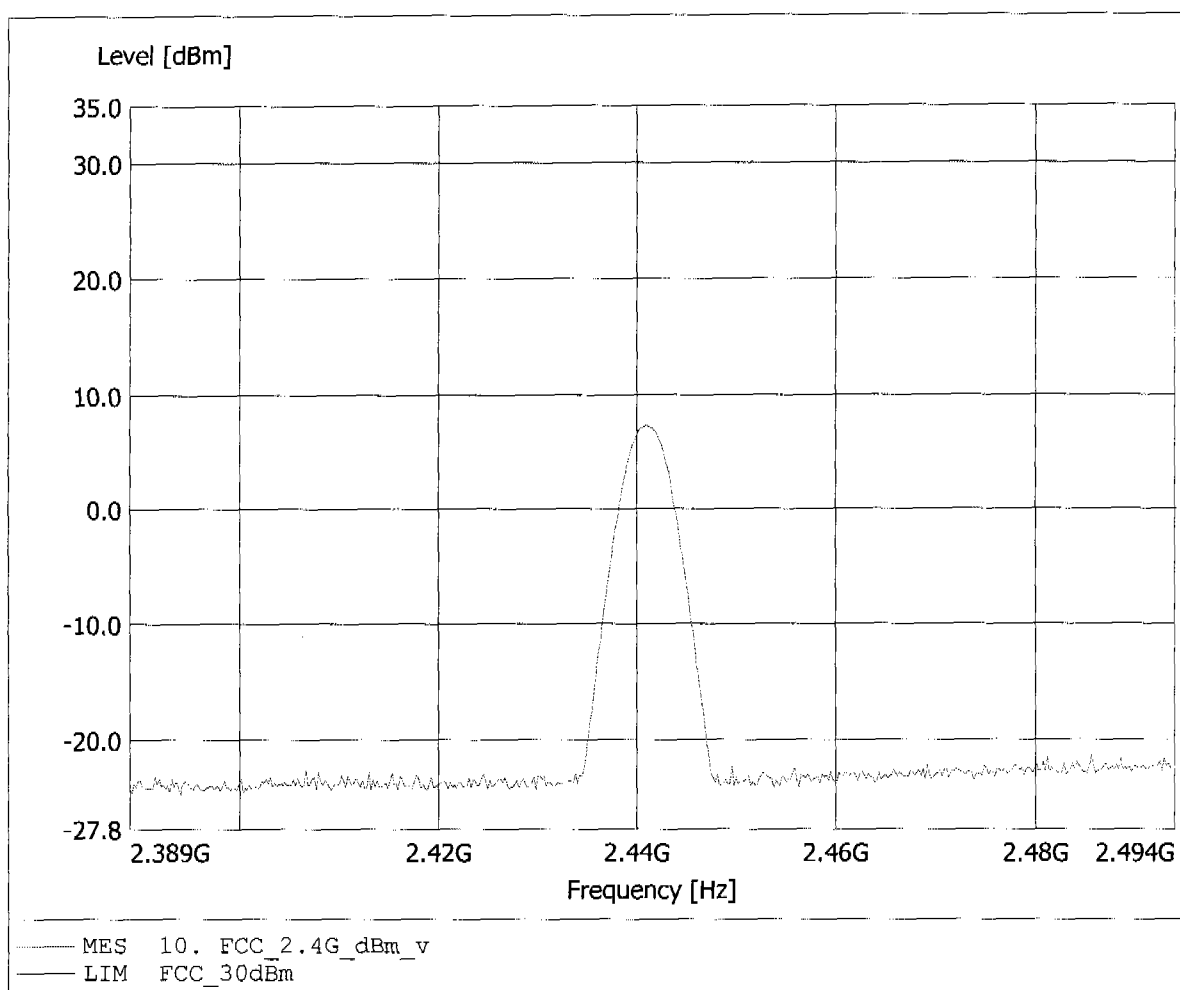
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2441 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: -1.48dBm, RBW: 5MHz



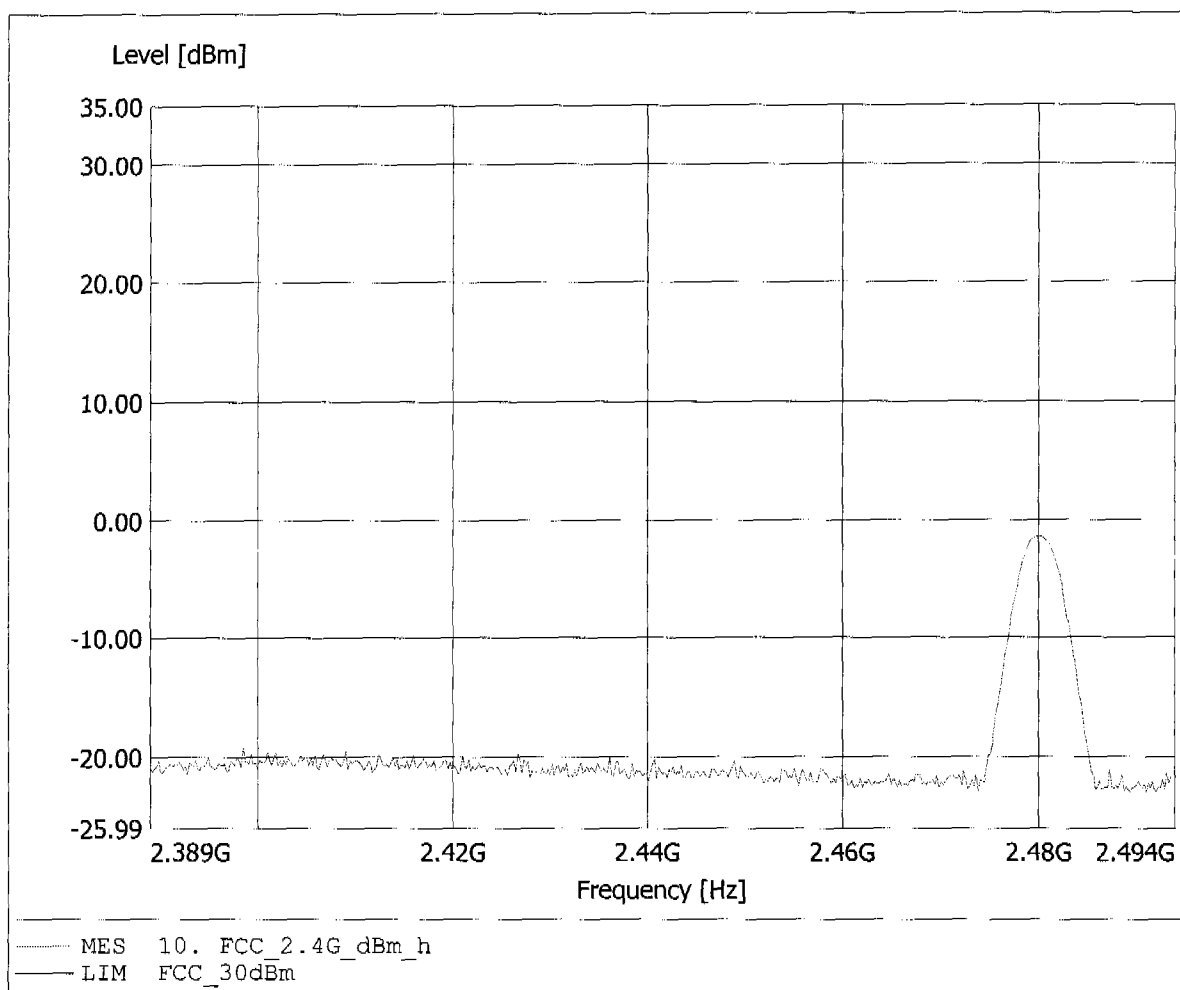
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2441 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: 7.34dBm, RBW: 5MHz



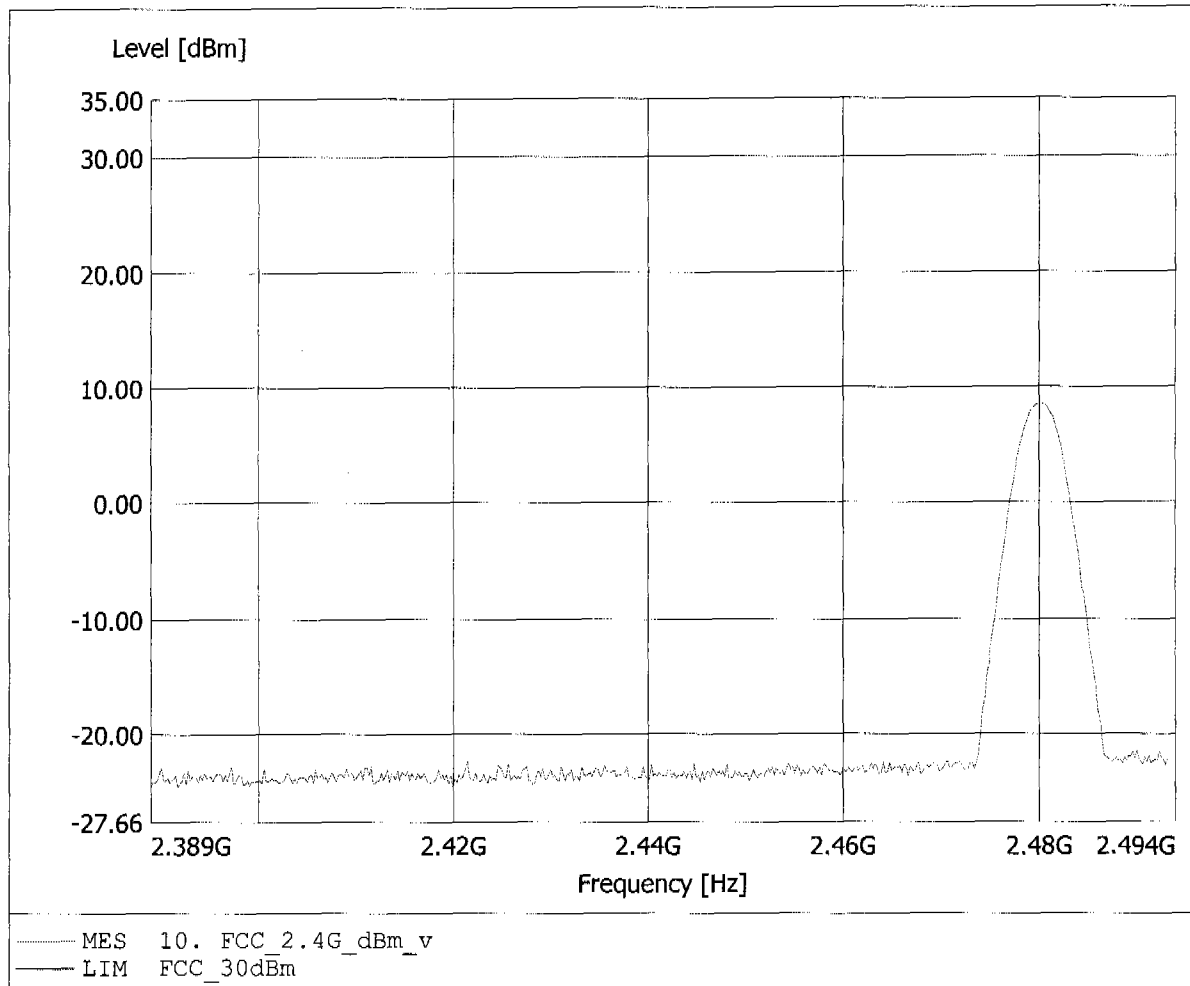
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2480 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: -1.38dBm, RBW: 5MHz



Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2480 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cerovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: 8.56dBm, RBW: 5MHz

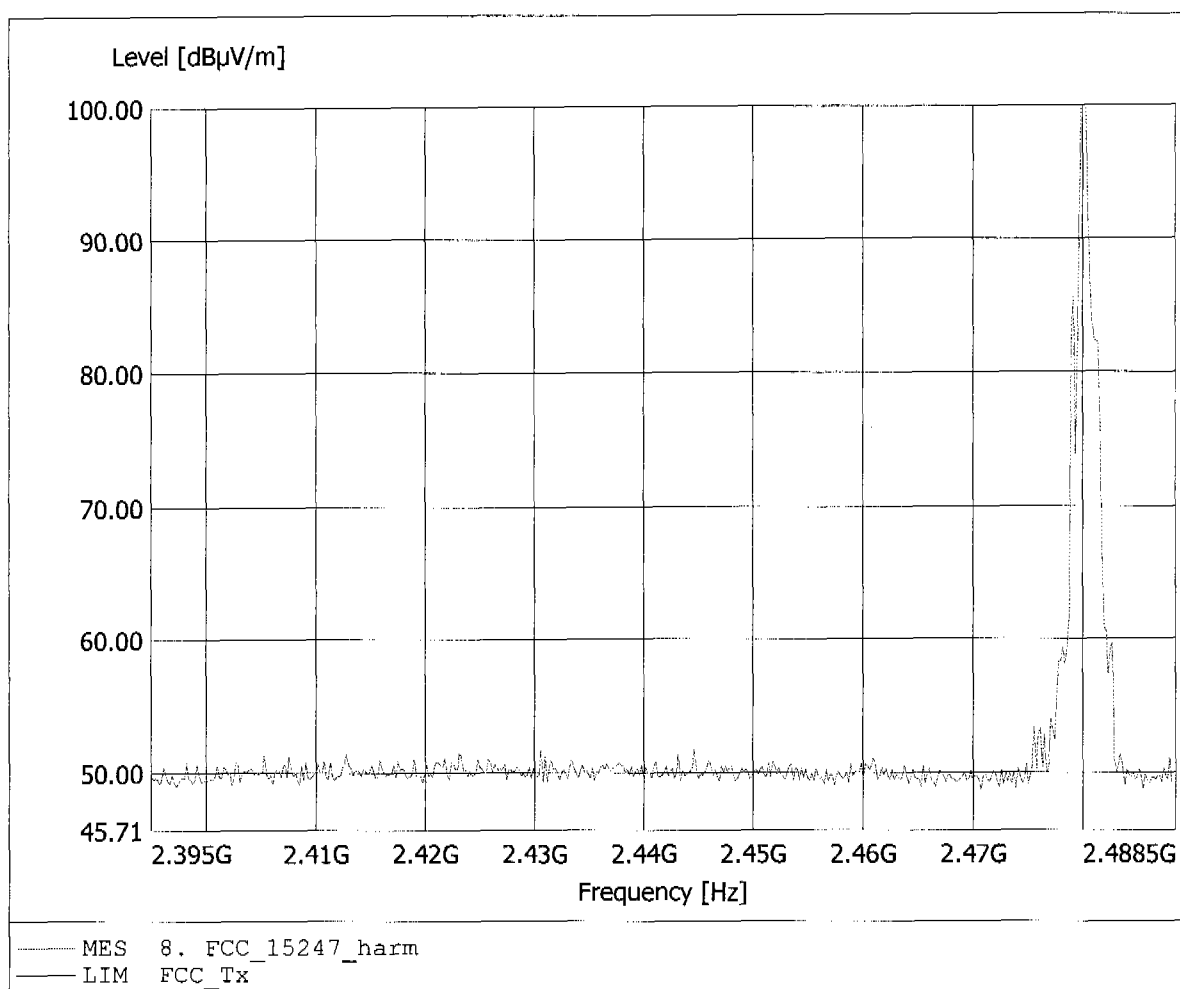


Appendix C

Spurious Emissions radiated - Transmitter operating

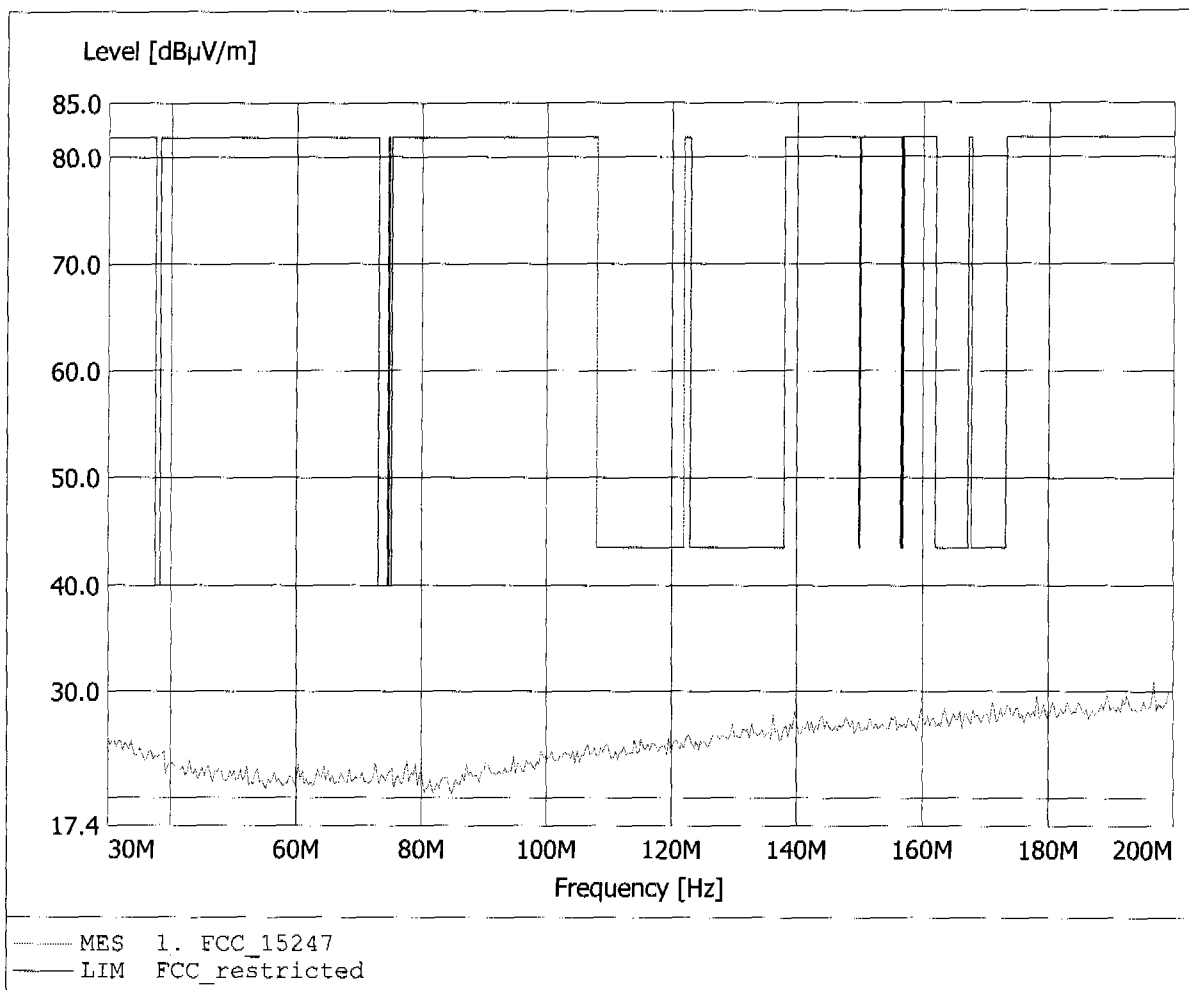
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2480 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cerovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Emax: 101.81dBµV/m, RBW: 100kHz



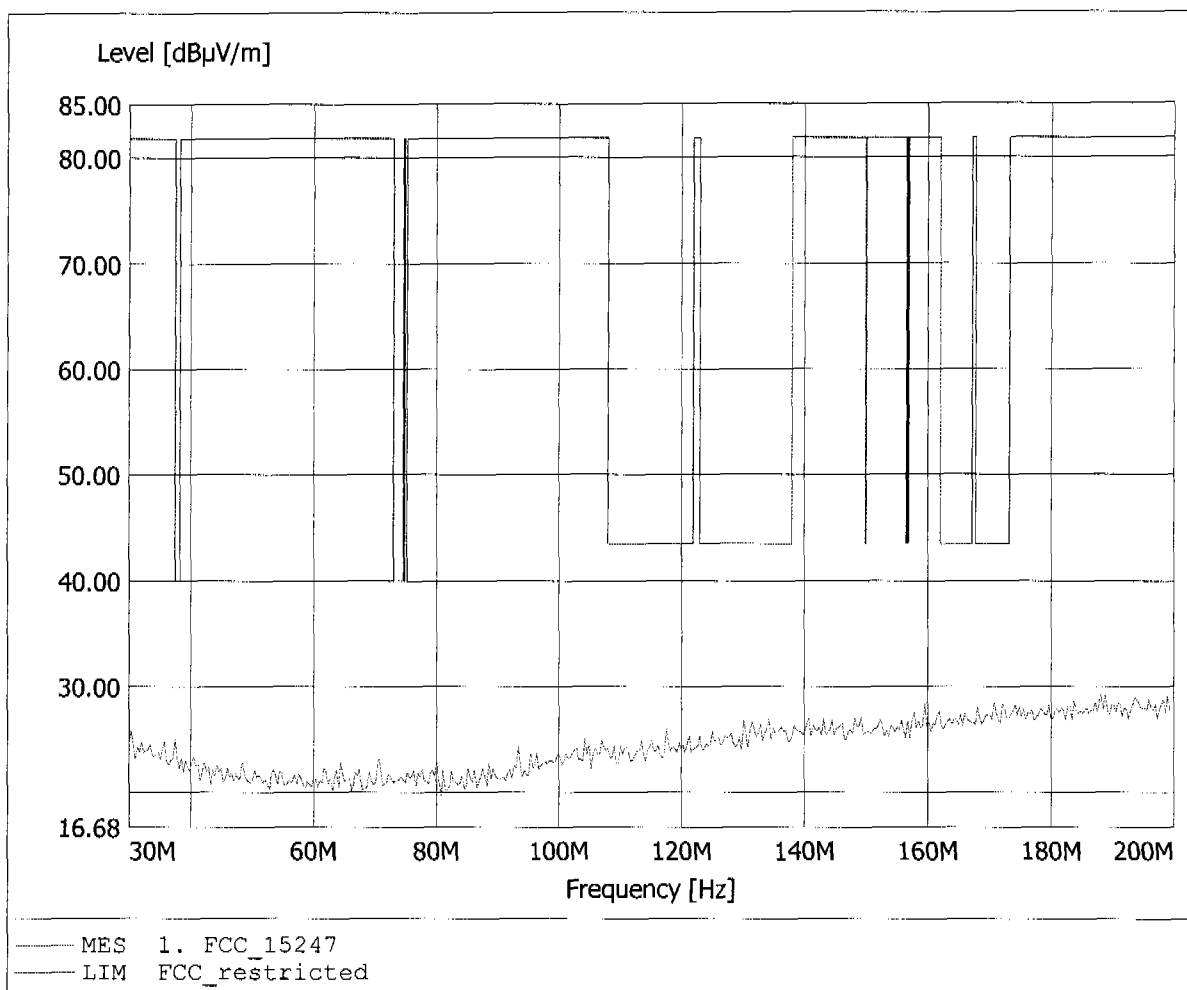
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2402 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 196.934MHz, Emax: 30.92dBµV/m, RBW: 100kHz



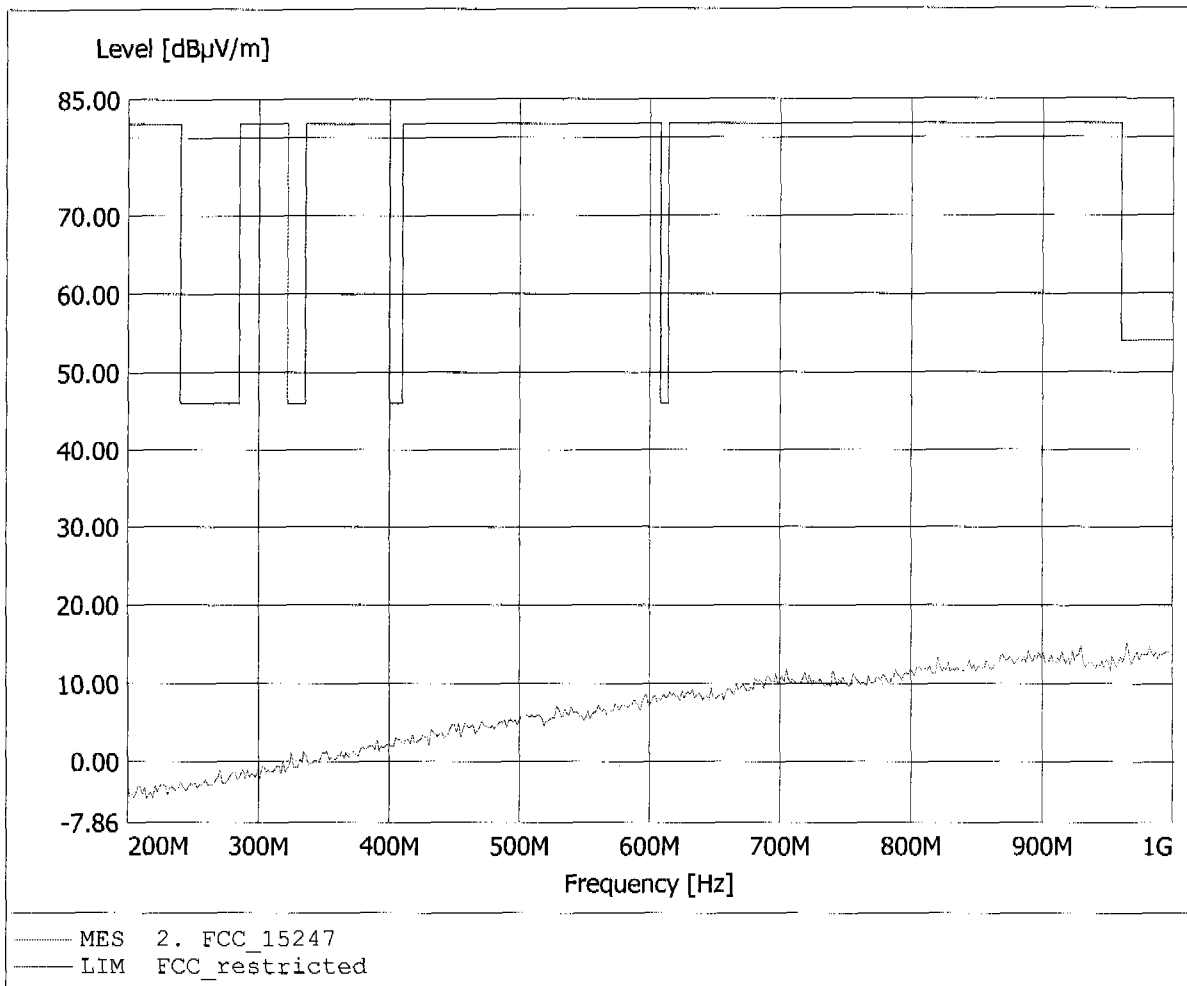
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2402 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 188.758MHz, Emax: 29.36dBµV/m, RBW: 100kHz



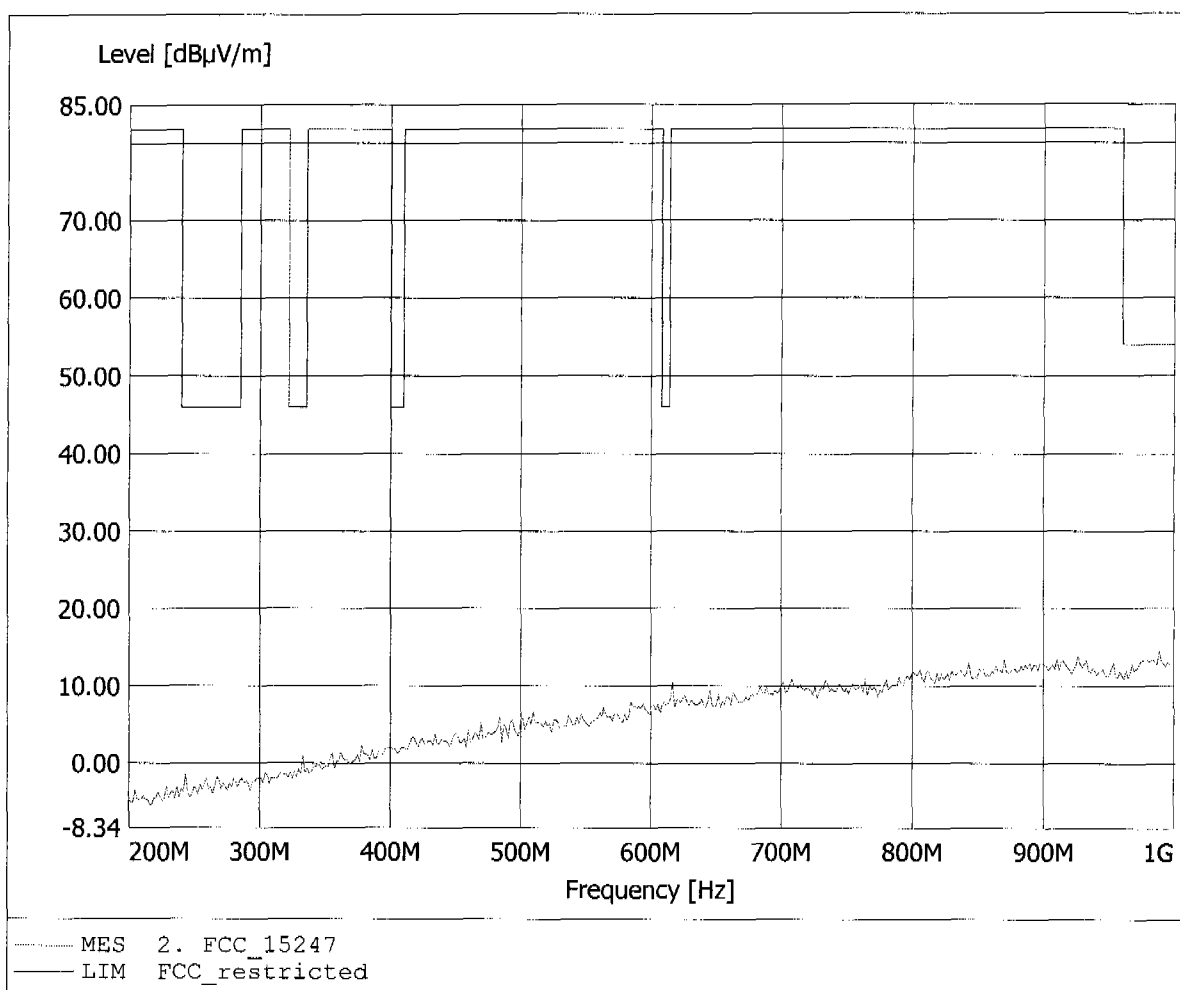
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2402 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 964.729MHz, Emax: 15.34dBµV/m, RBW: 100kHz



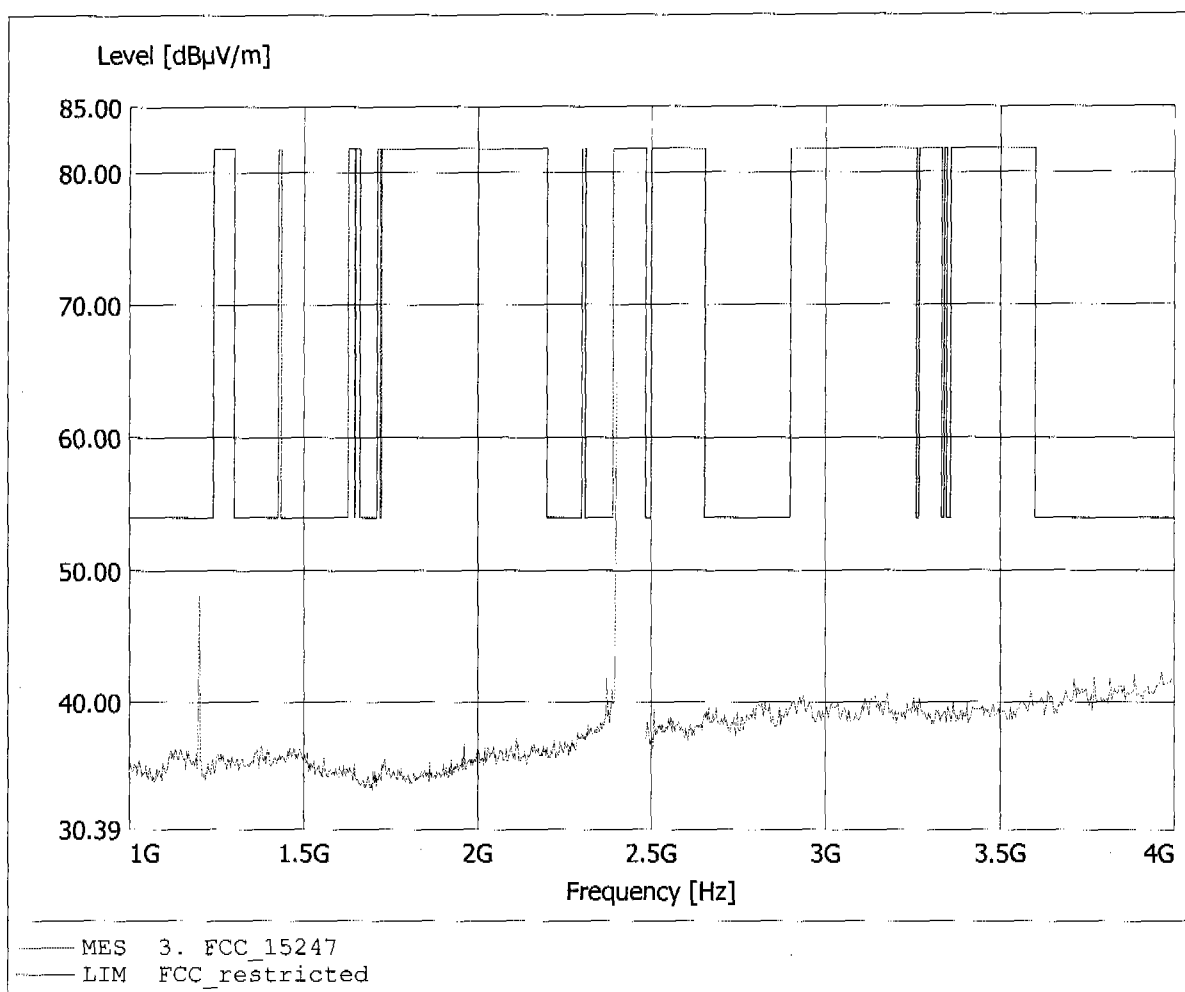
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2402 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 988.778MHz, Emax: 14.46dBµV/m, RBW: 100kHz



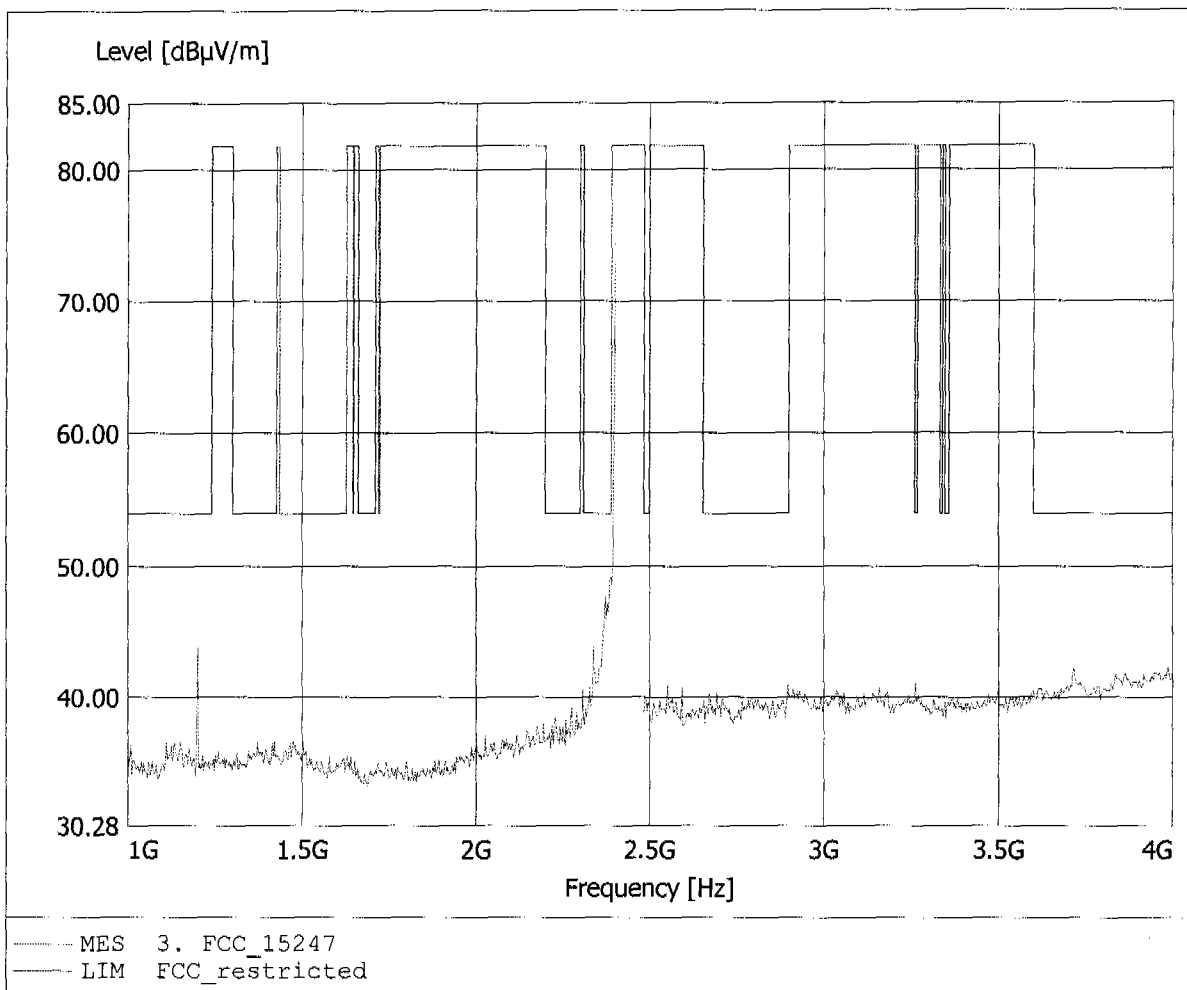
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2402 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 64.35dBµV/m, RBW: 1MHz



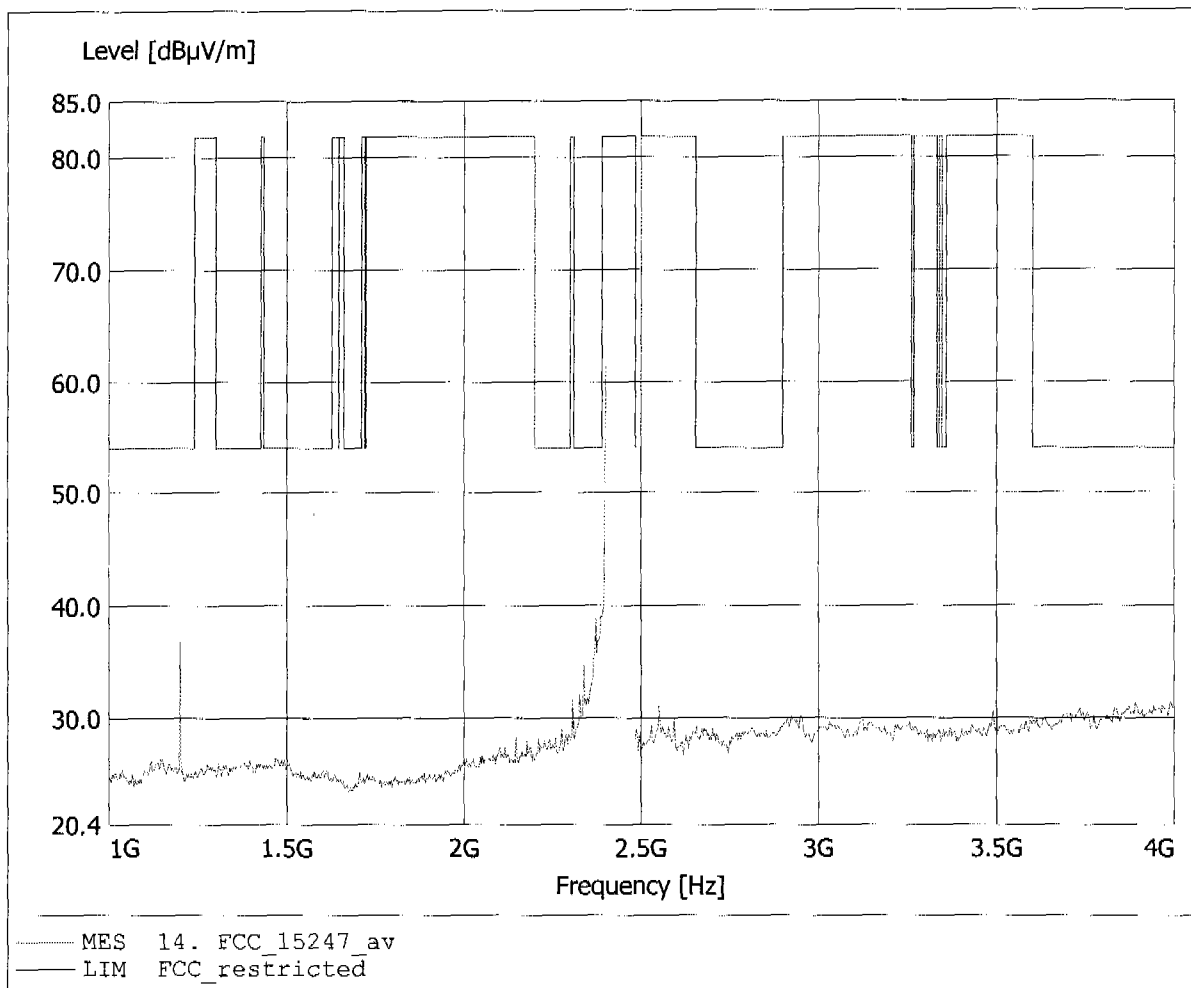
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2402 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 74.51dBµV/m, RBW: 1MHz



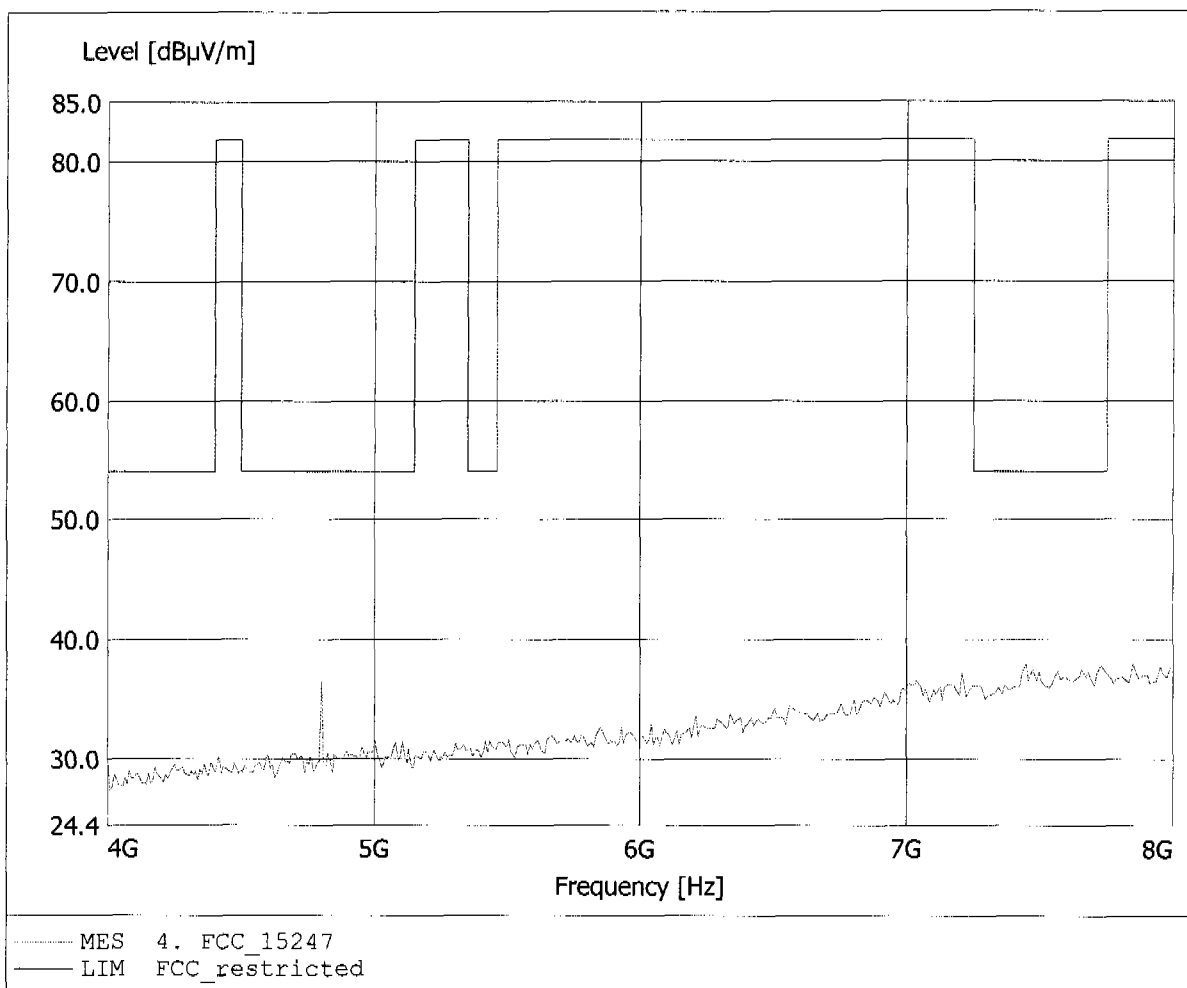
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2402 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 61.45dBµV/m, RBW: 1MHz



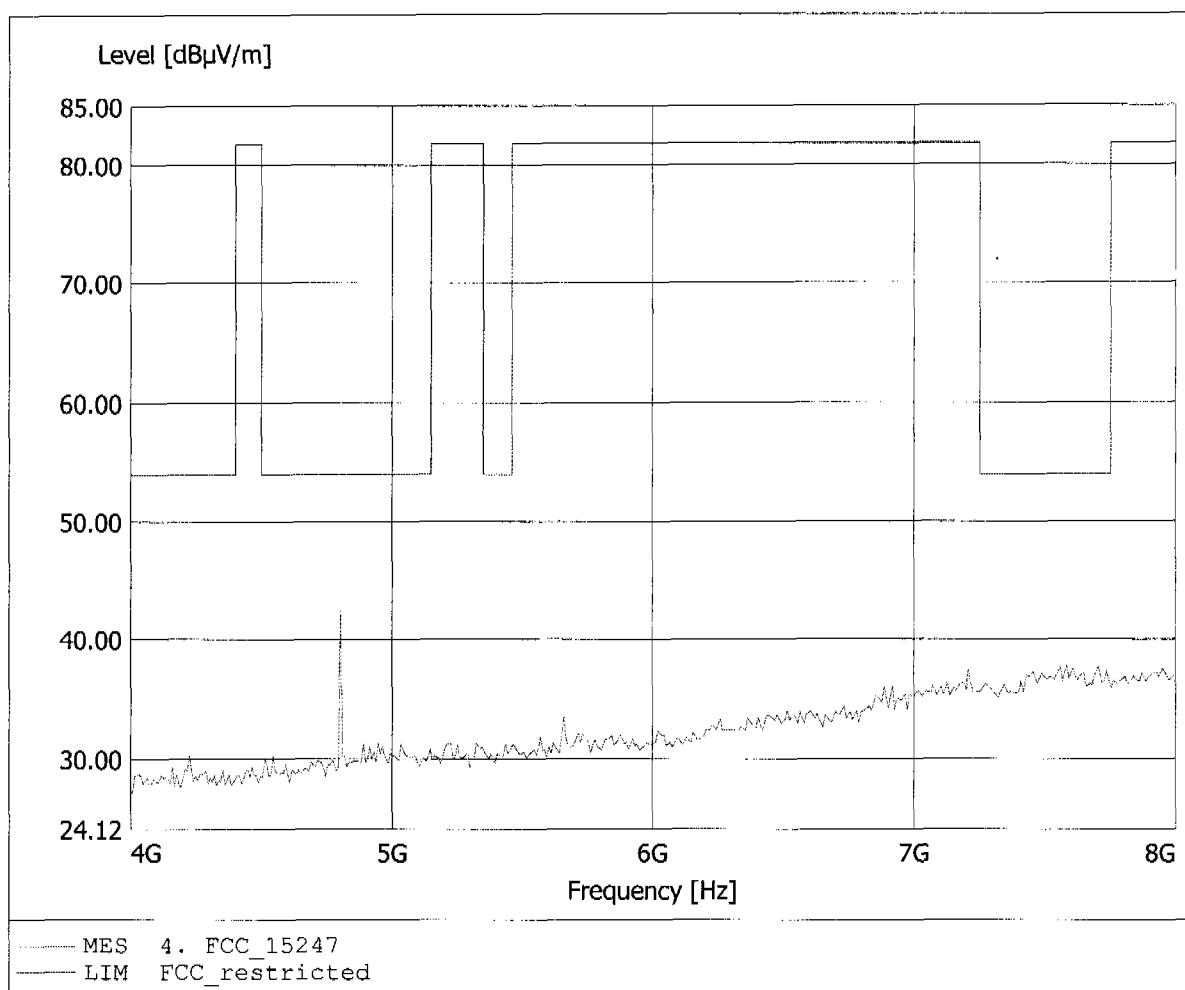
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2402 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.848GHz, Emax: 38.05dBµV/m, RBW: 1MHz



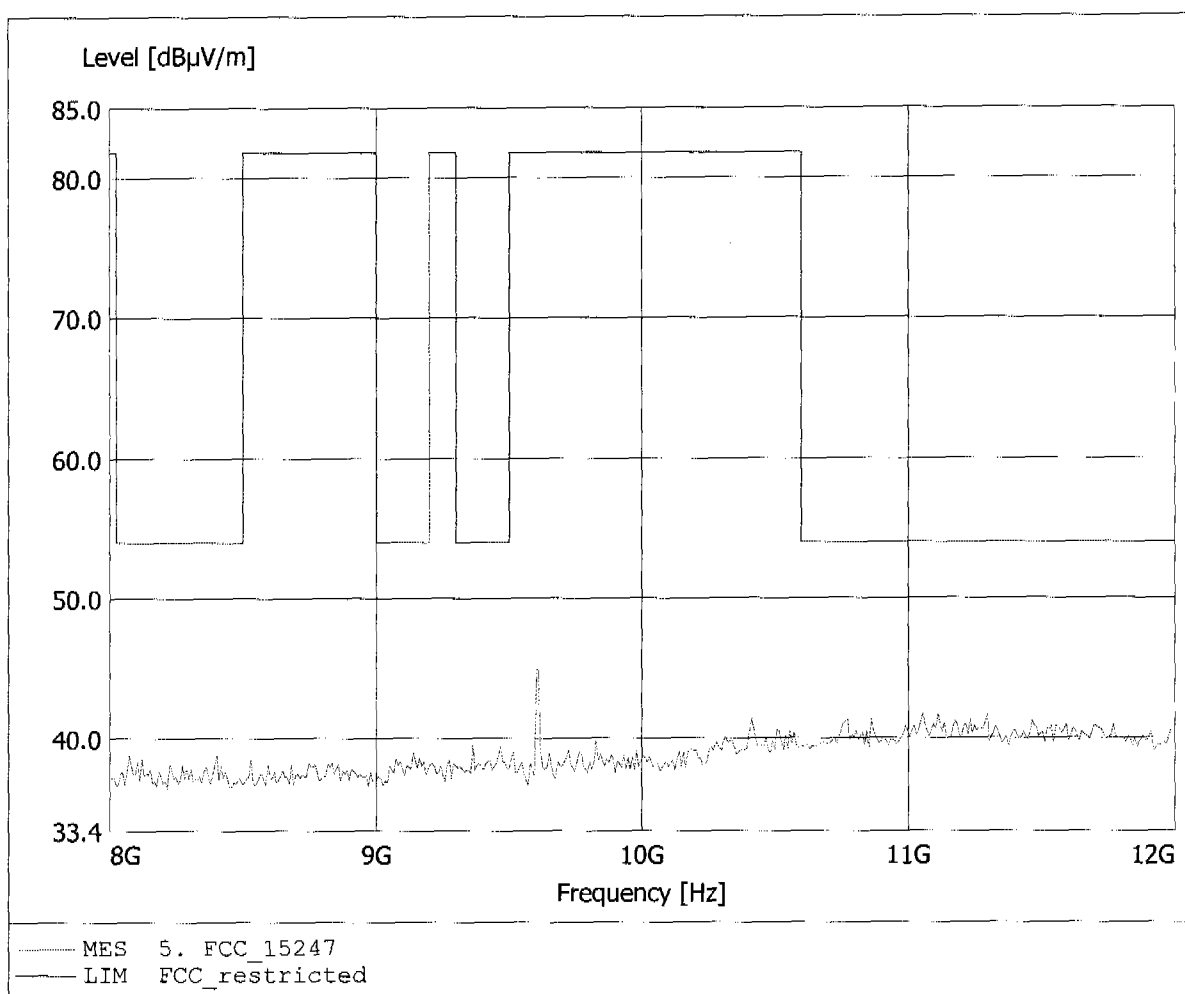
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2402 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.802GHz, Emax: 42.59dBμV/m, RBW: 1MHz



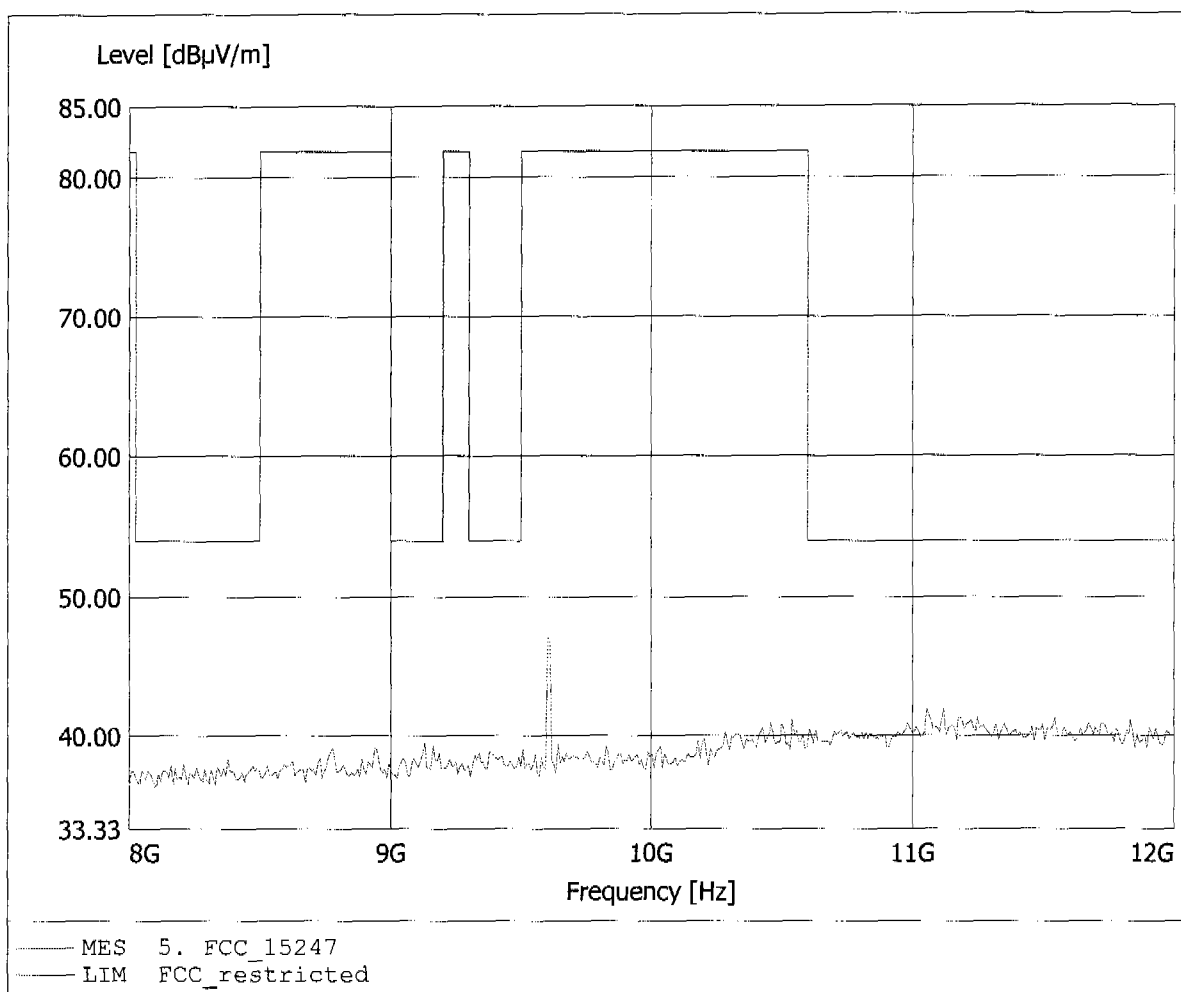
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2402 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.603GHz, Emax: 44.96dBµV/m, RBW: 1MHz



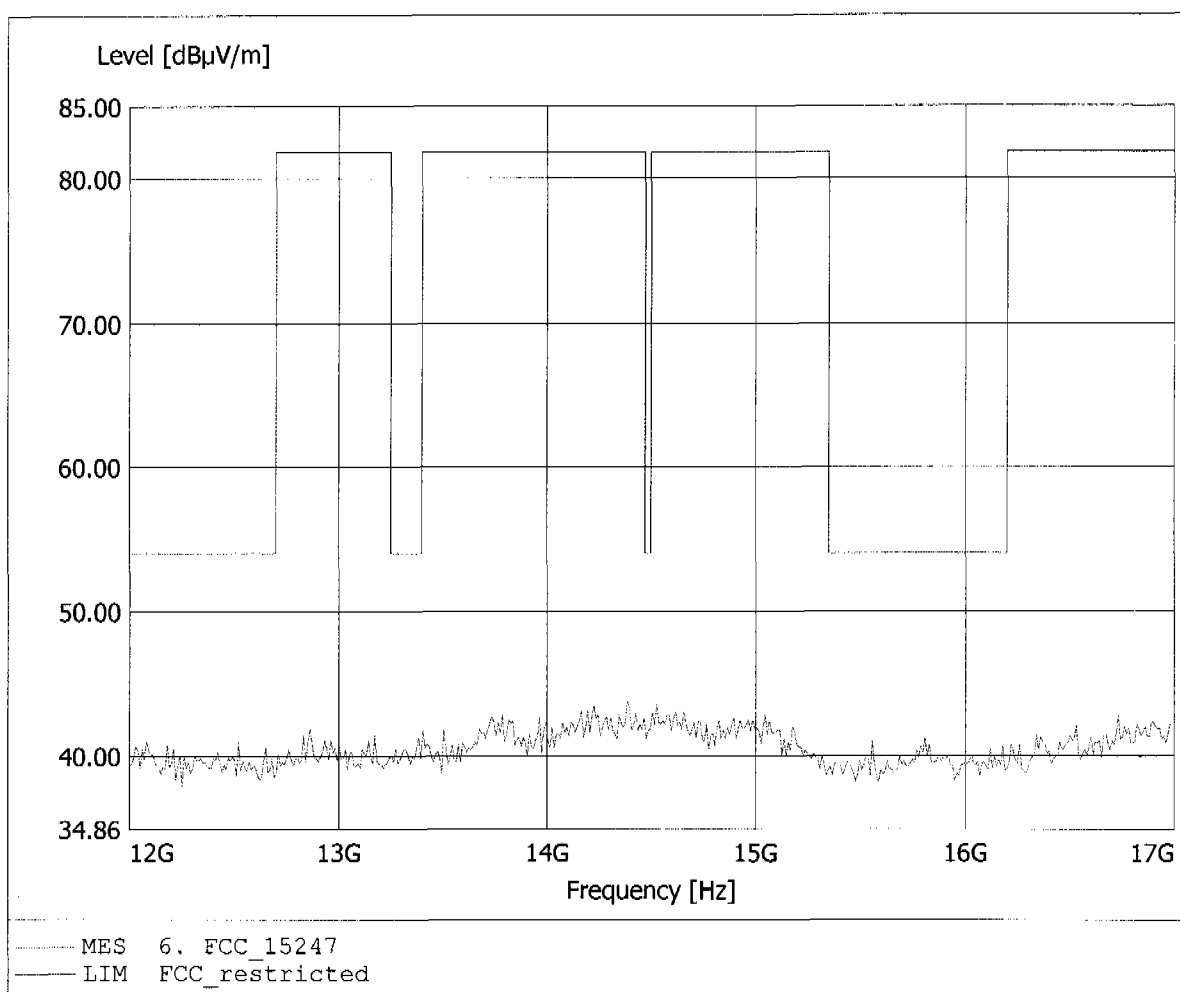
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2402 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.603GHz, Emax: 47.05dBμV/m, RBW: 1MHz



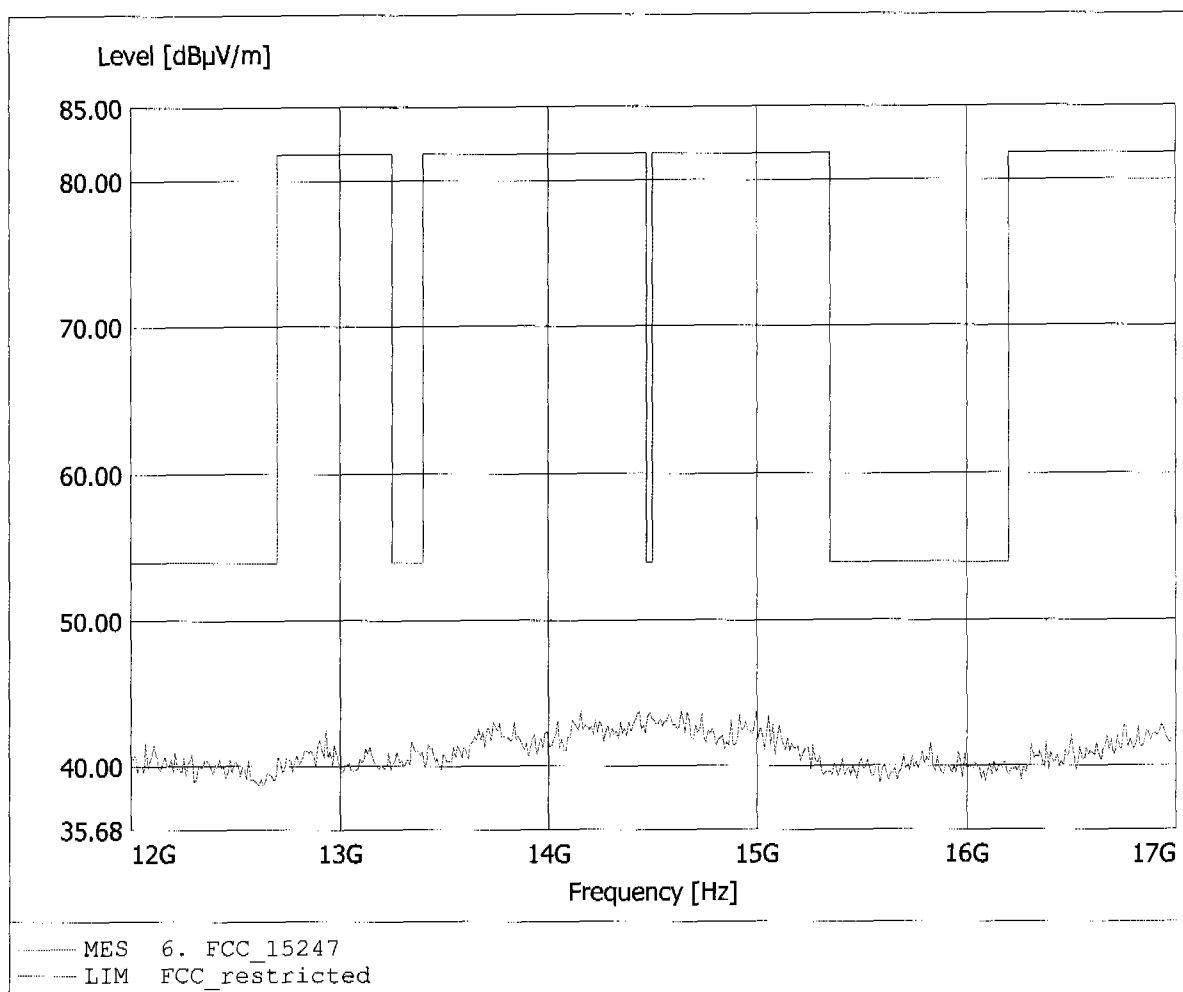
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2402 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.385GHz, Emax: 43.84dBμV/m, RBW: 1MHz



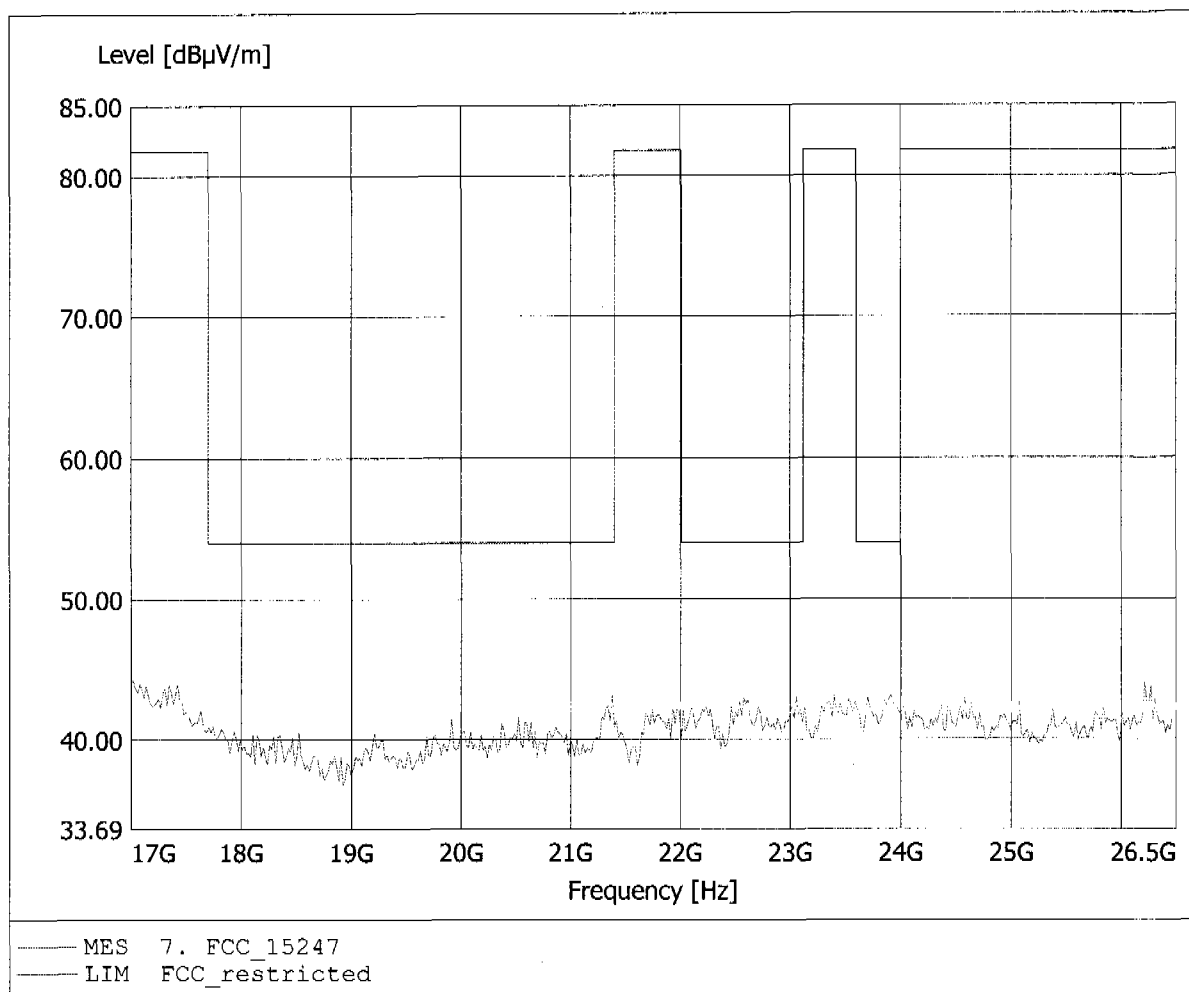
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2402 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.635GHz, Emax: 43.76dBμV/m, RBW: 1MHz



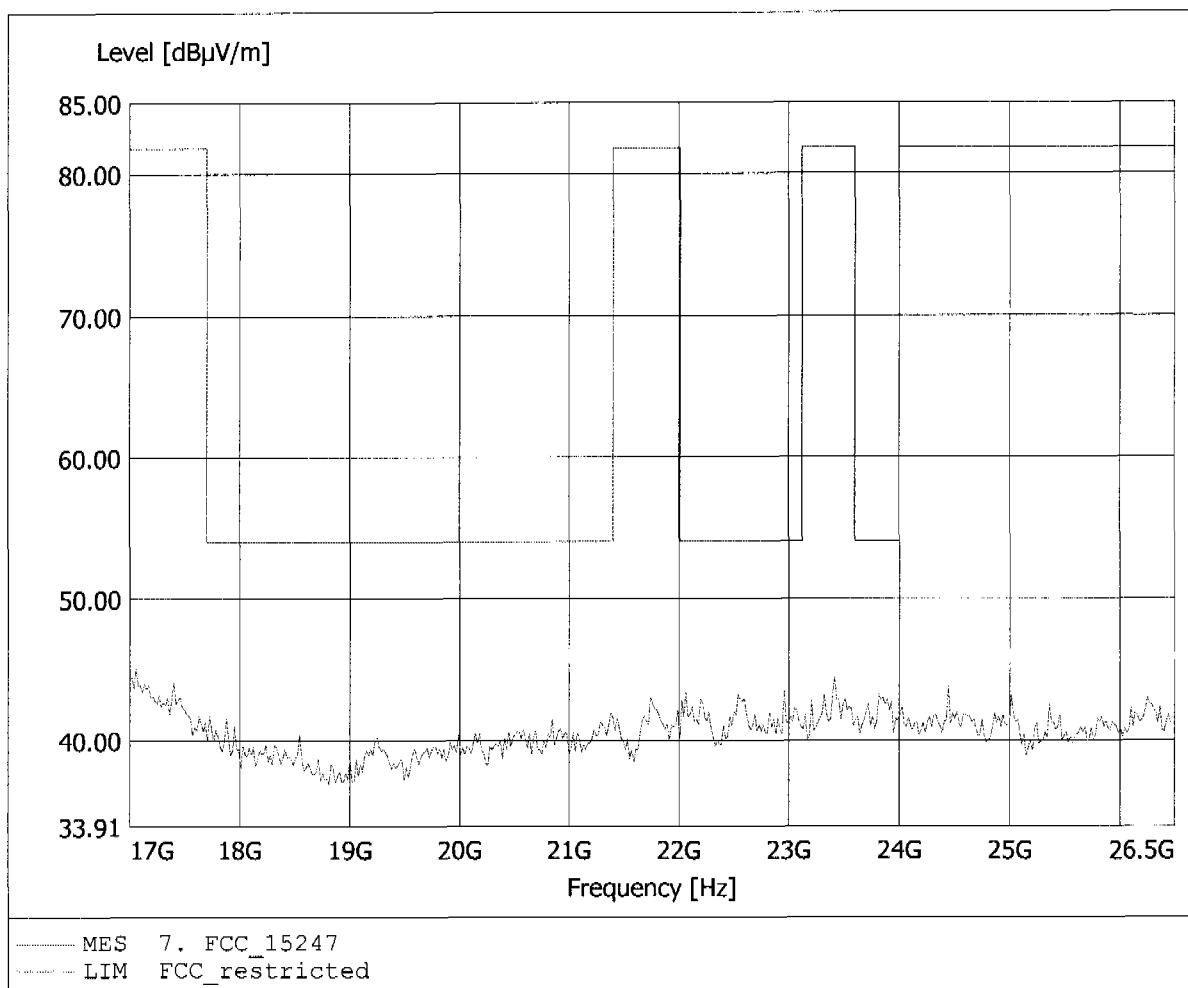
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2402 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.000GHz, Emax: 44.33dBµV/m, RBW: 1MHz



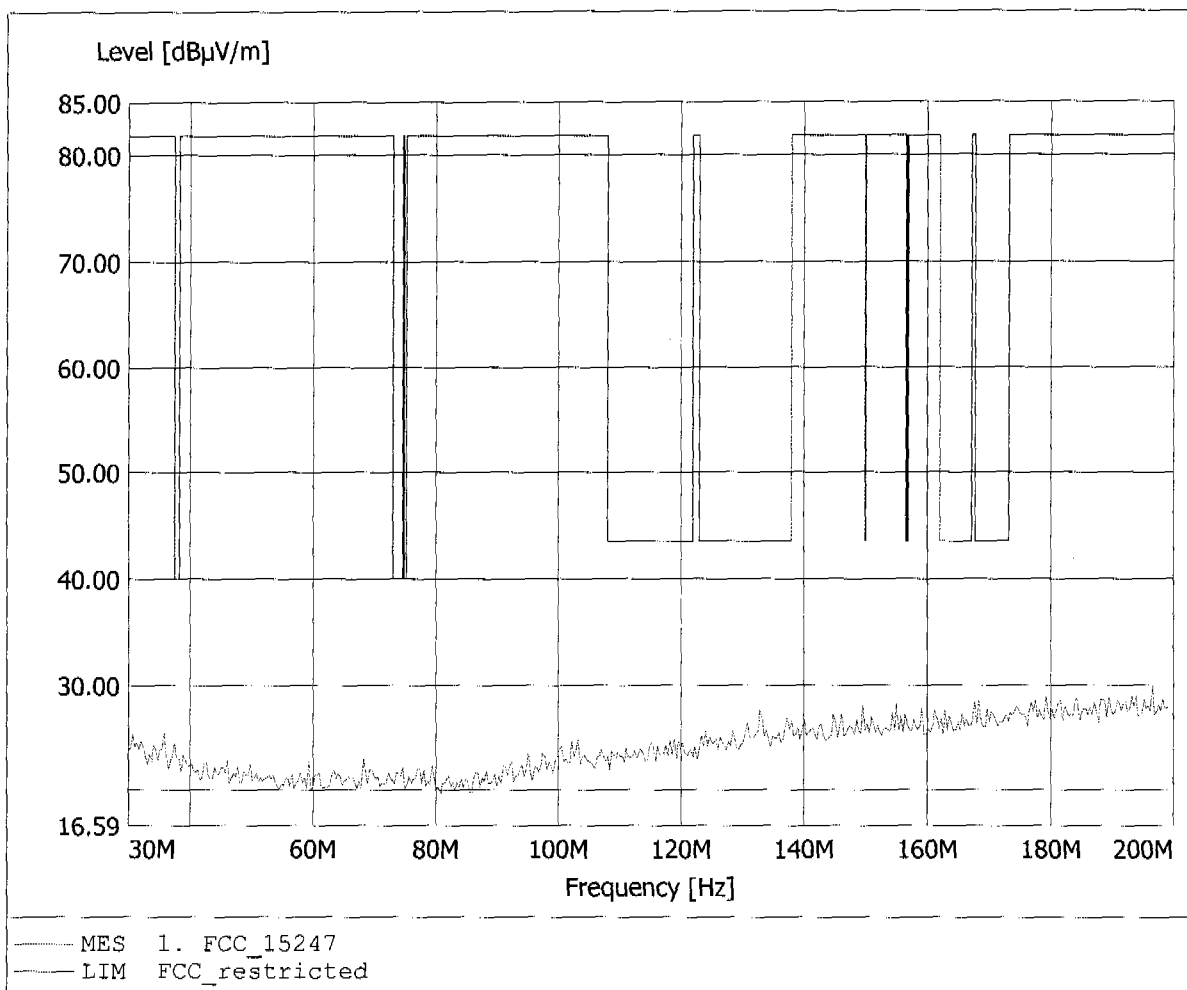
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2402 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.057GHz, Emax: 45.08dBµV/m, RBW: 1MHz



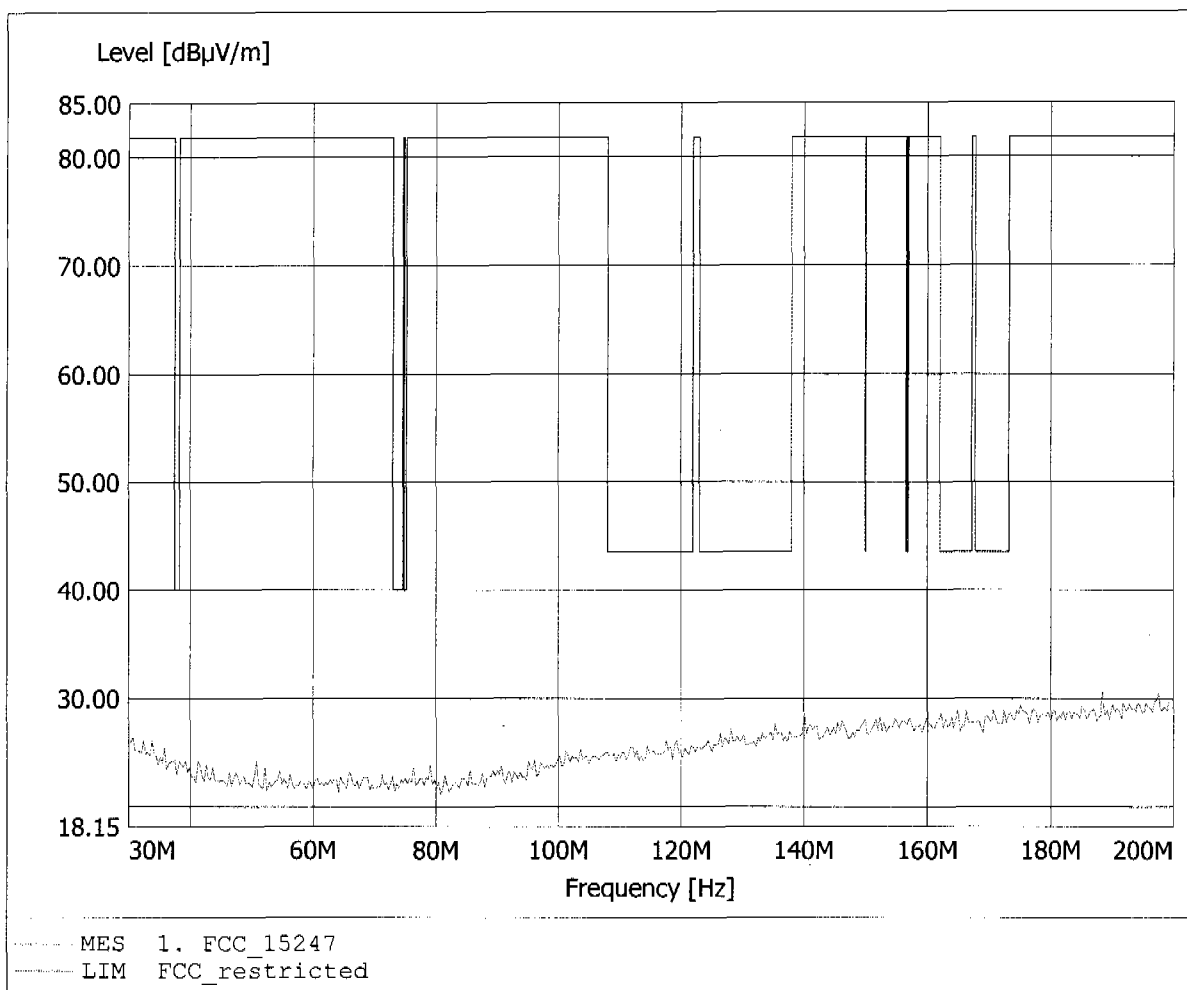
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2441 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 196.593MHz, Emax: 29.98dBµV/m, RBW: 100kHz



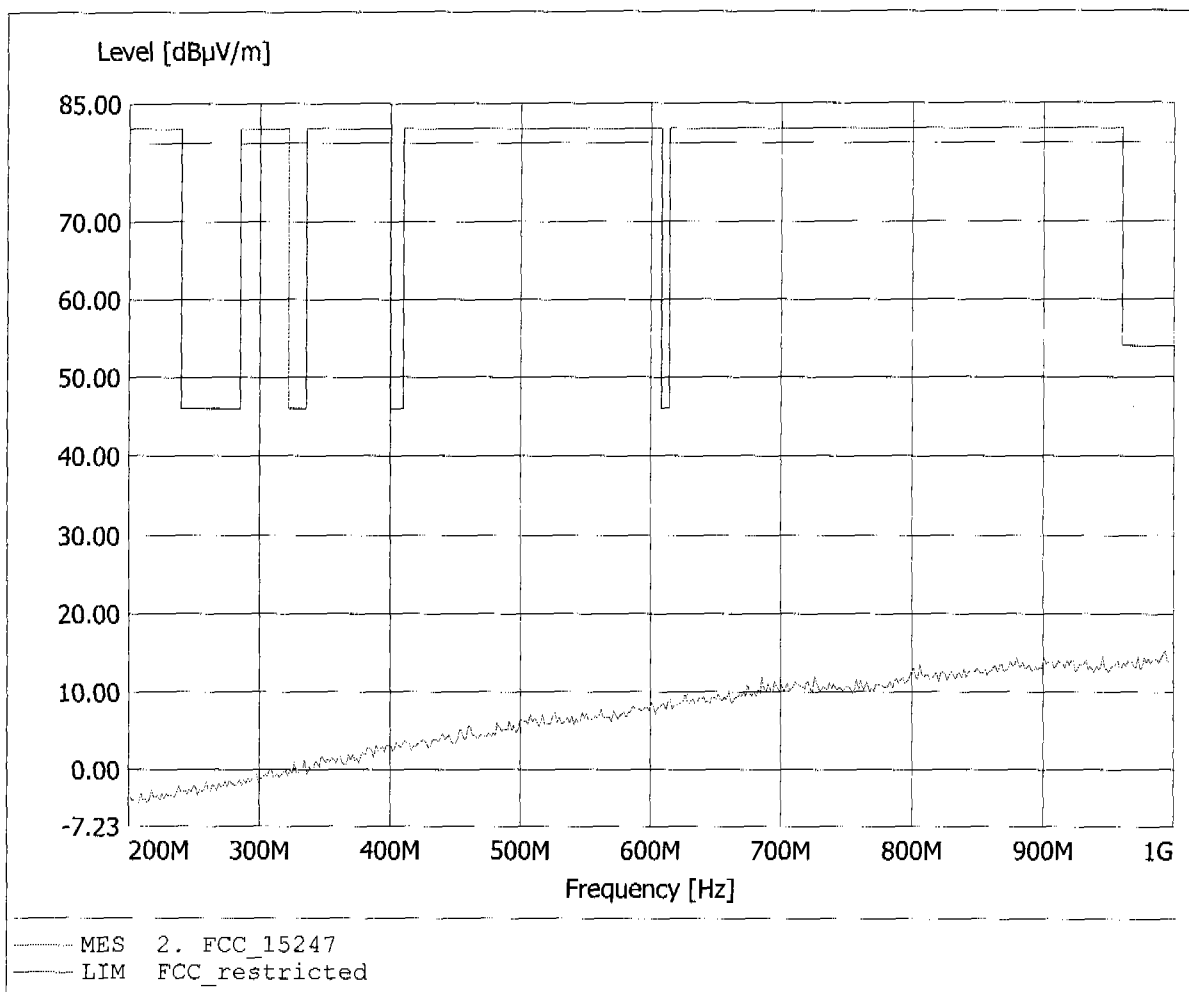
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2441 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 188.417MHz, Emax: 30.76dBµV/m, RBW: 100kHz



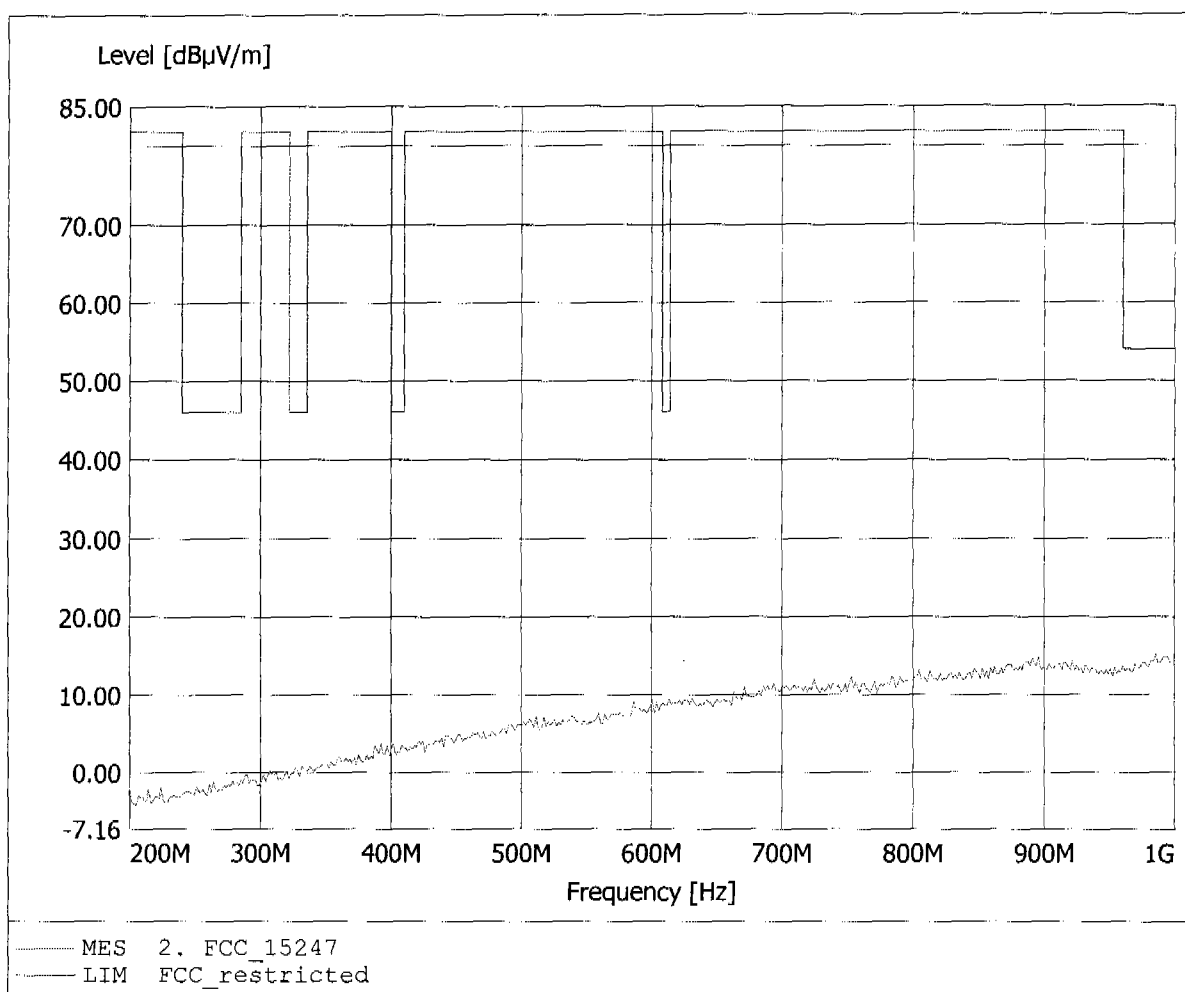
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2441 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 993.587MHz, Emax: 15.29dBµV/m, RBW: 100kHz



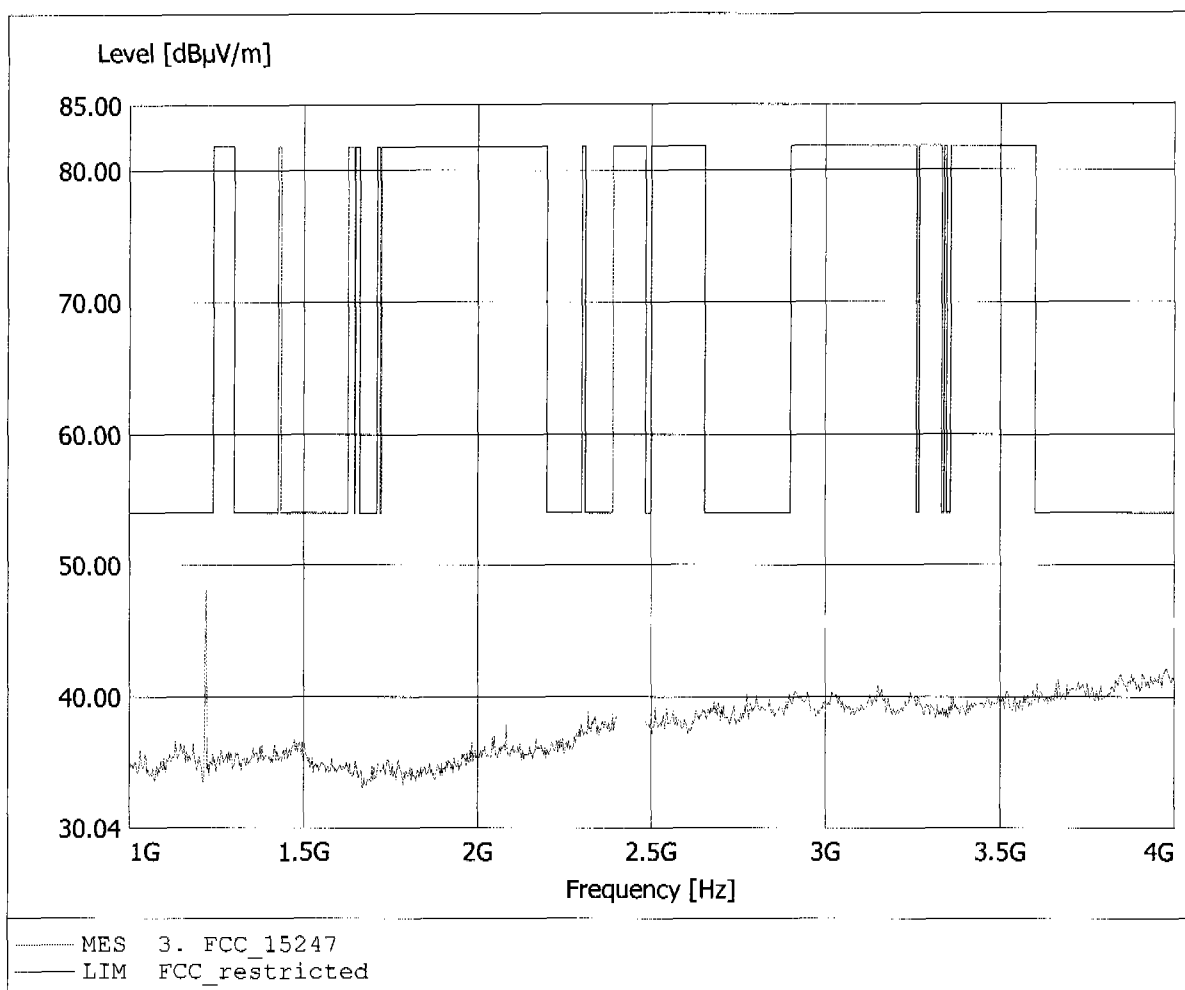
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2441 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 985.571MHz, Emax: 15.14dBµV/m, RBW: 100kHz



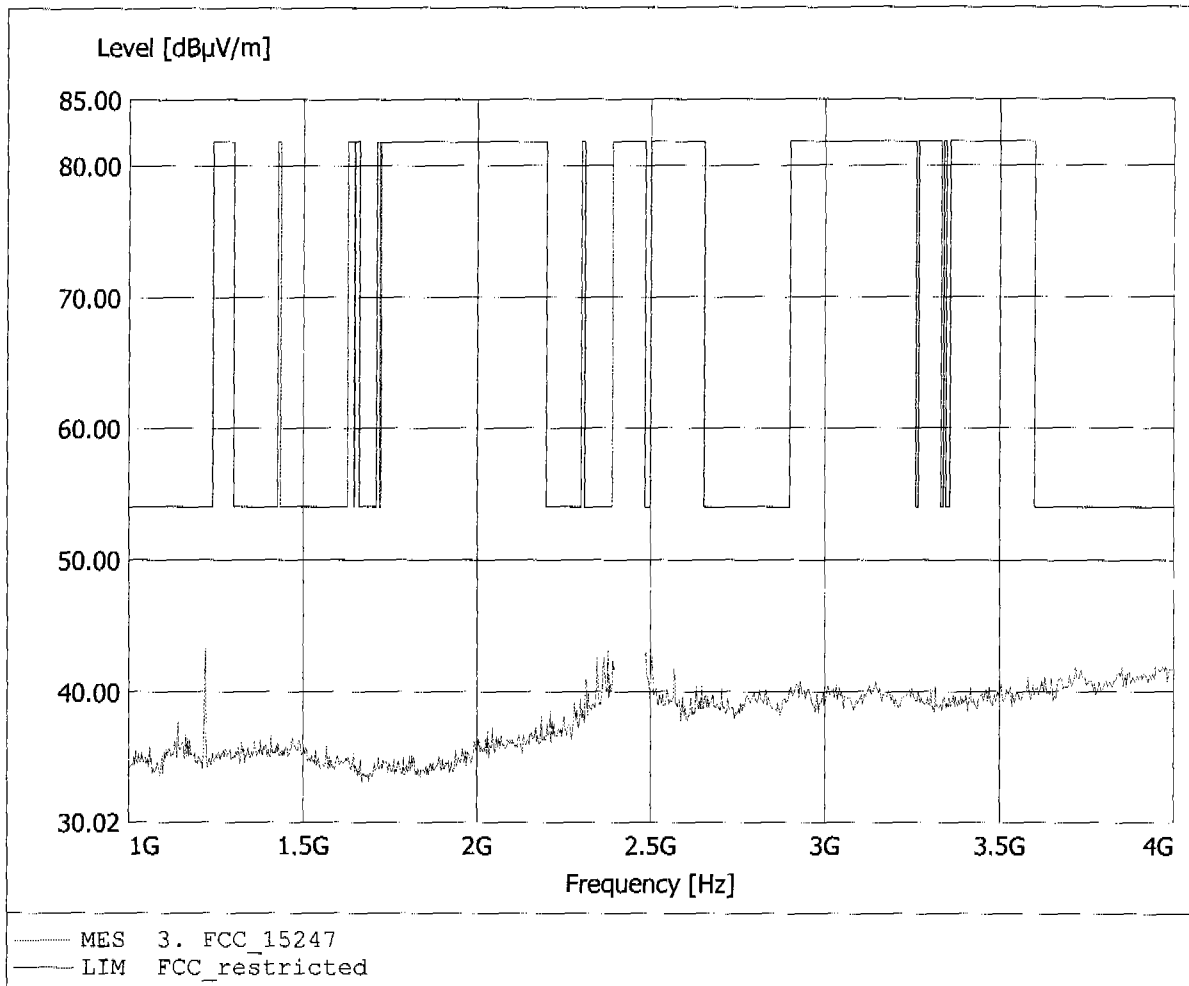
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2441 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.220GHz, Emax: 48.16dBµV/m, RBW: 1MHz



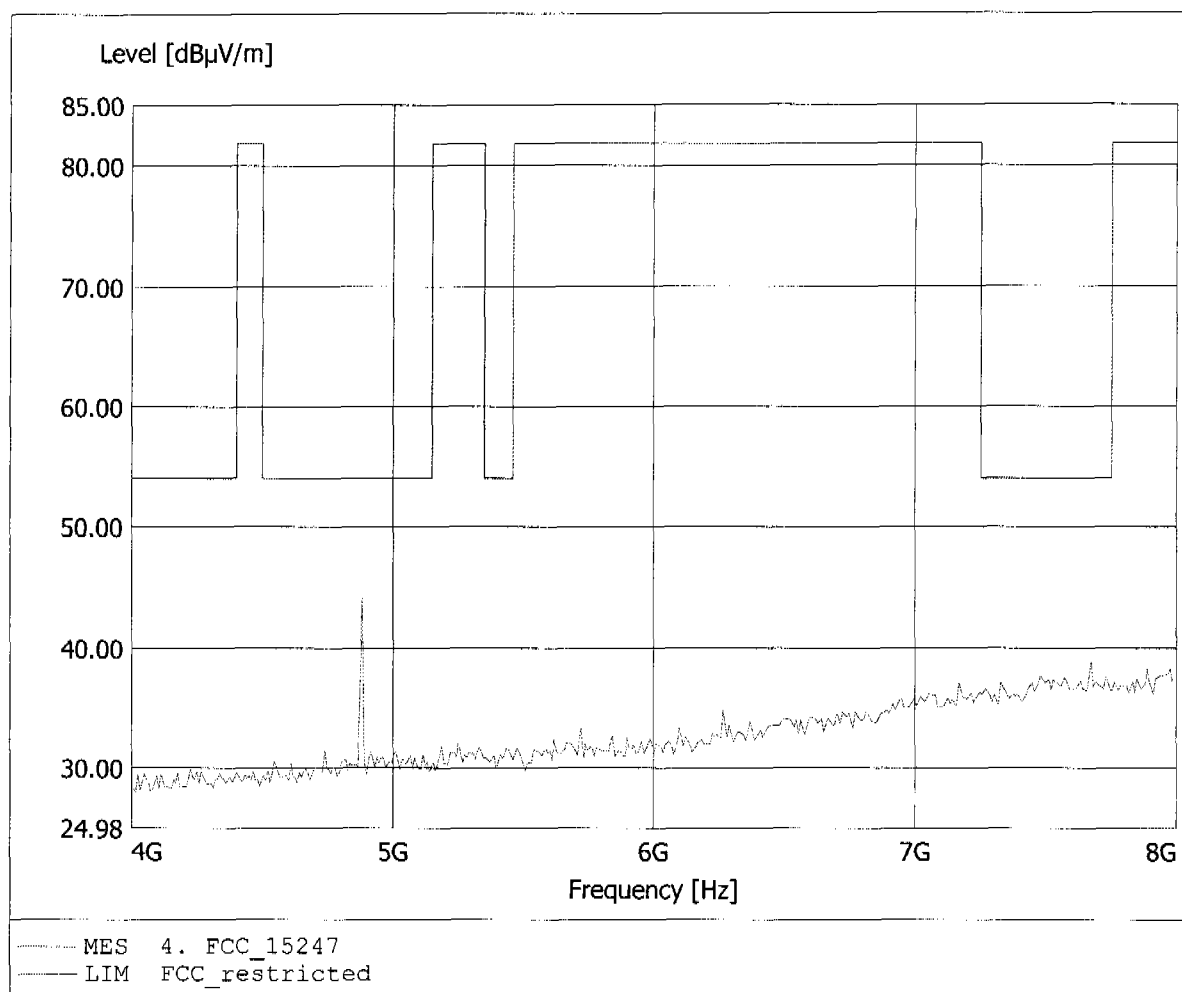
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2441 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 1.220GHz, Emax: 43.27dBµV/m, RBW: 1MHz



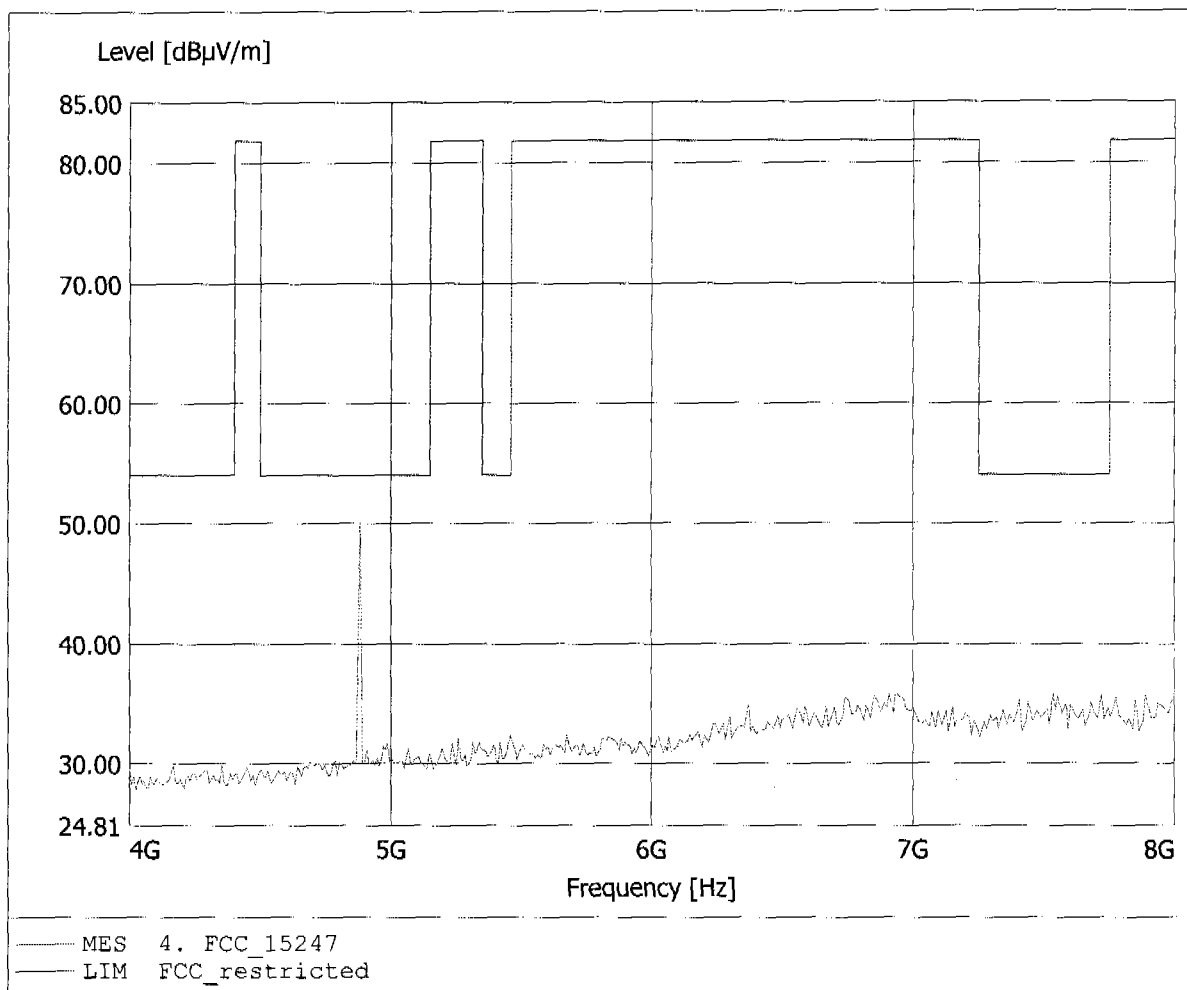
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2441 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.882GHz, Emax: 44.15dBµV/m, RBW: 1MHz



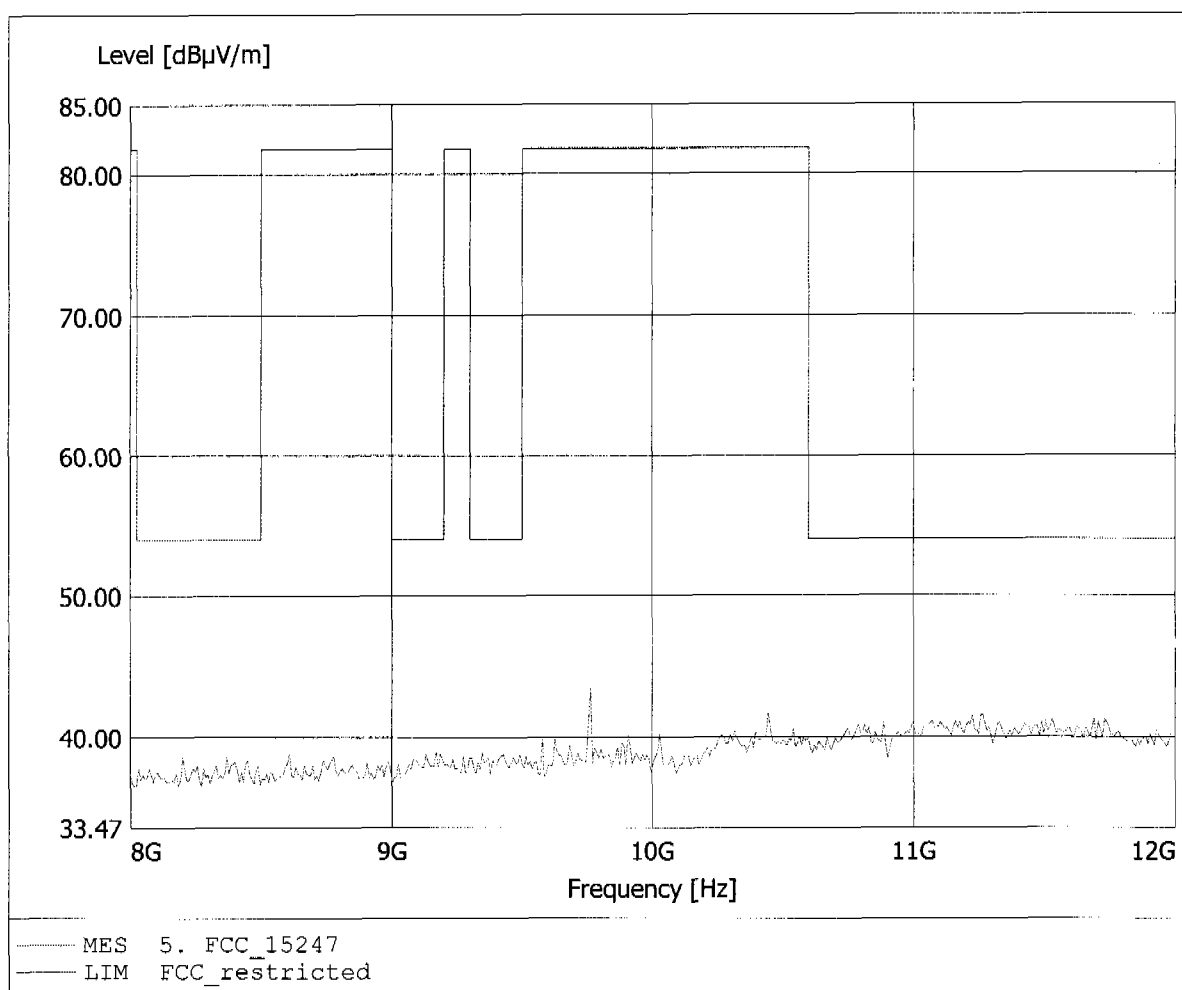
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2441 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.882GHz, Emax: 49.97dBμV/m, RBW: 1MHz



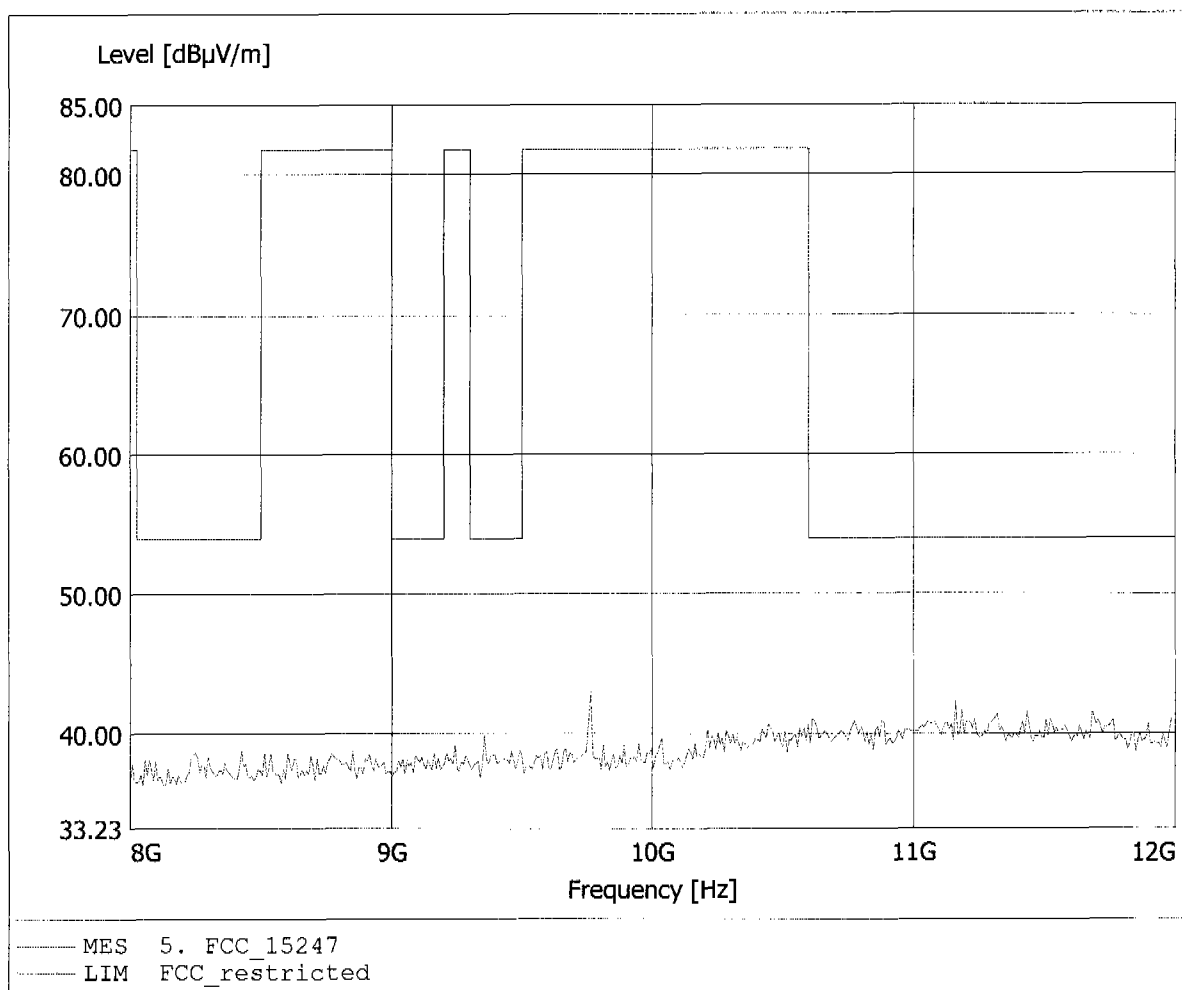
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2441 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.764GHz, Emax: 43.57dBµV/m, RBW: 1MHz



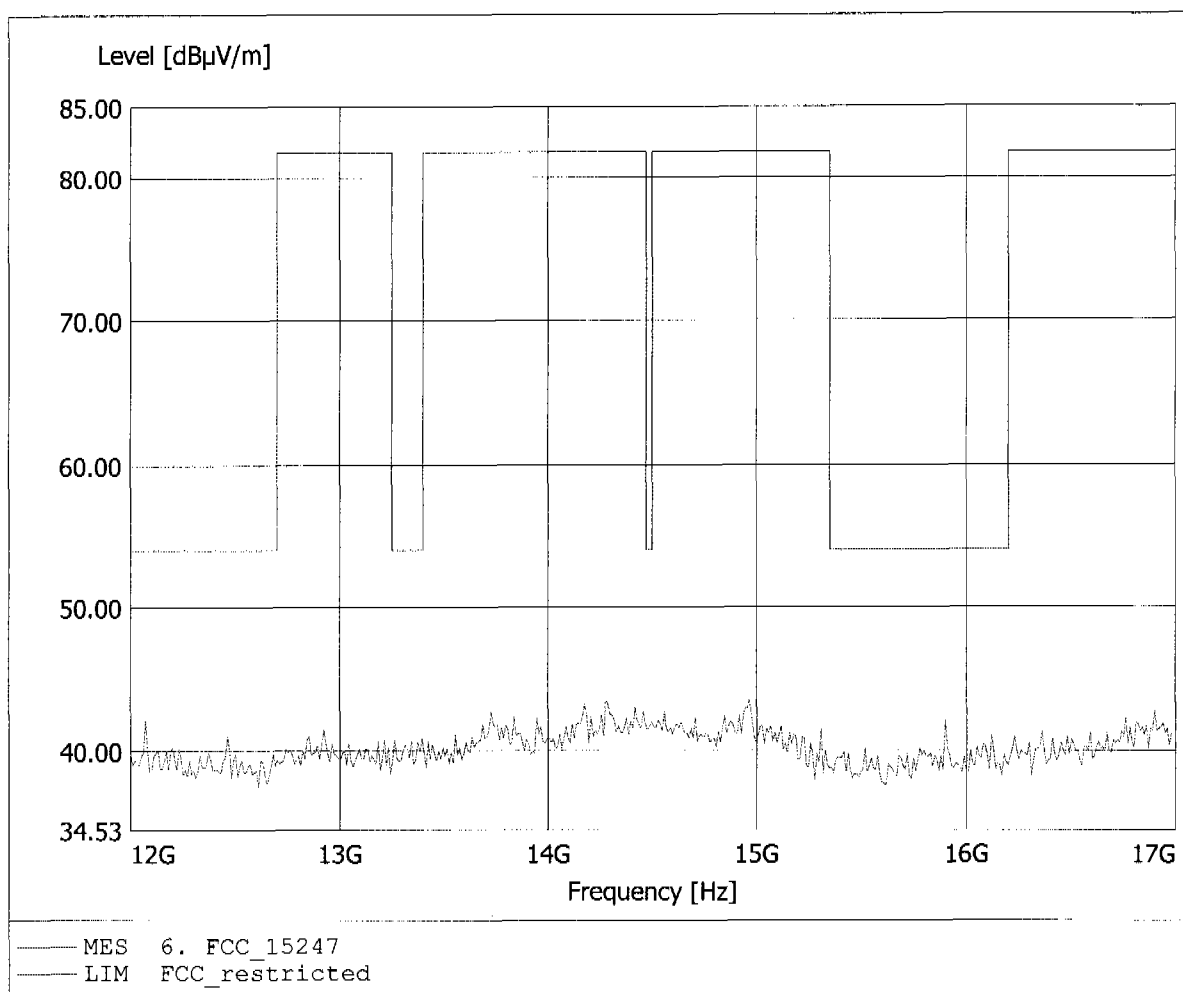
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2441 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.764GHz, Emax: 42.97dBμV/m, RBW: 1MHz



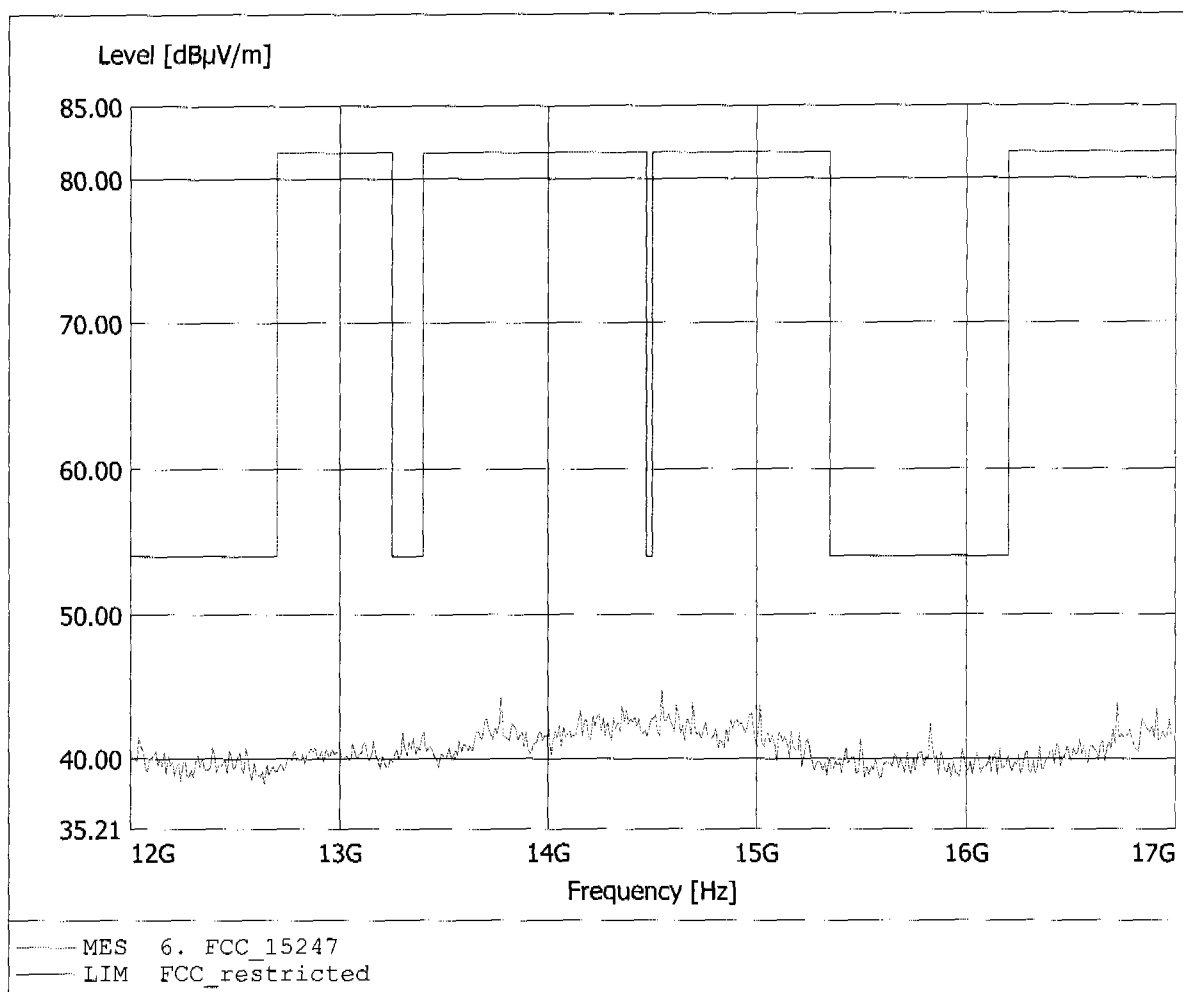
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2441 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.966GHz, Emax: 43.53dBµV/m, RBW: 1MHz



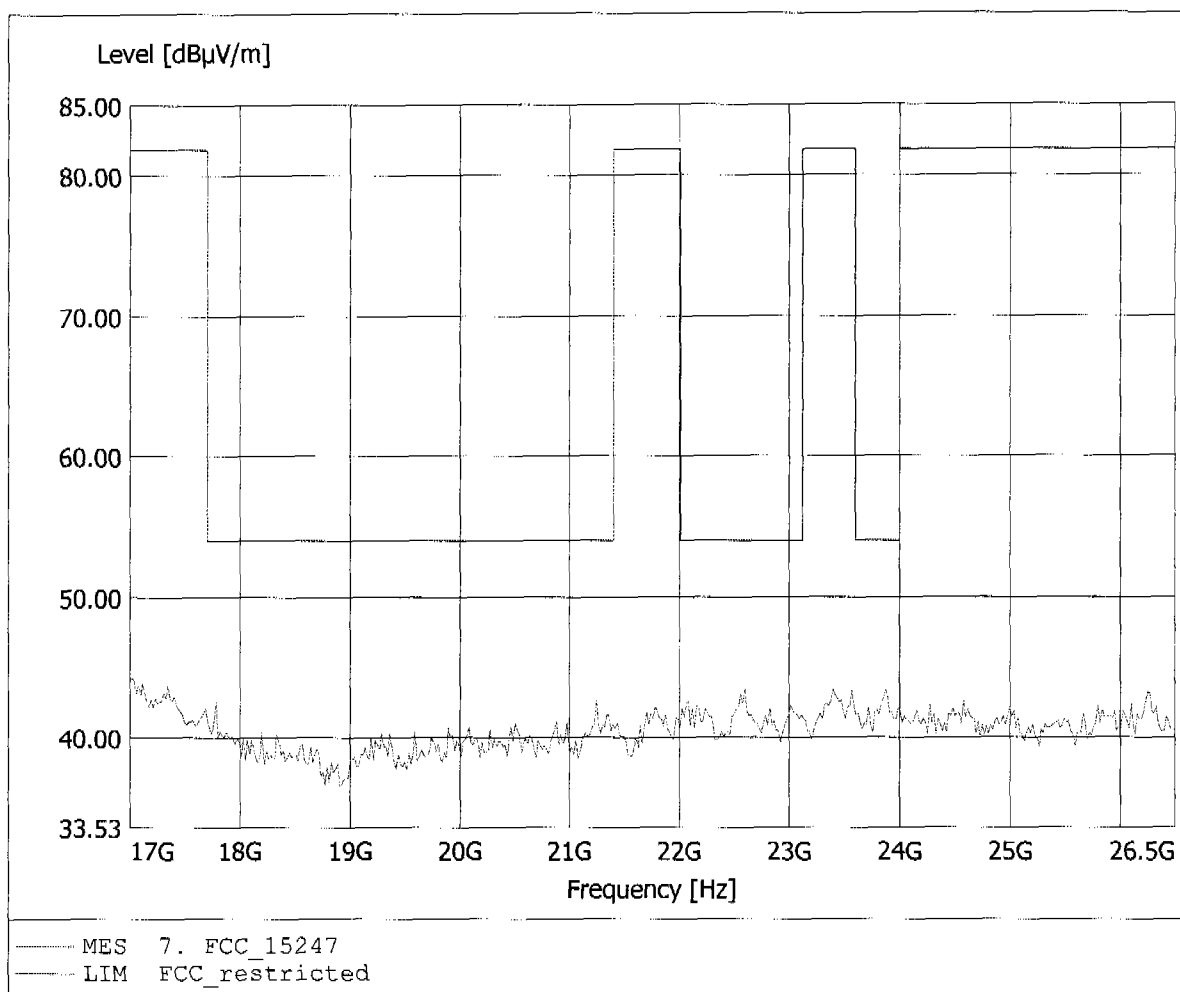
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2441 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.545GHz, Emax: 44.76dBμV/m, RBW: 1MHz



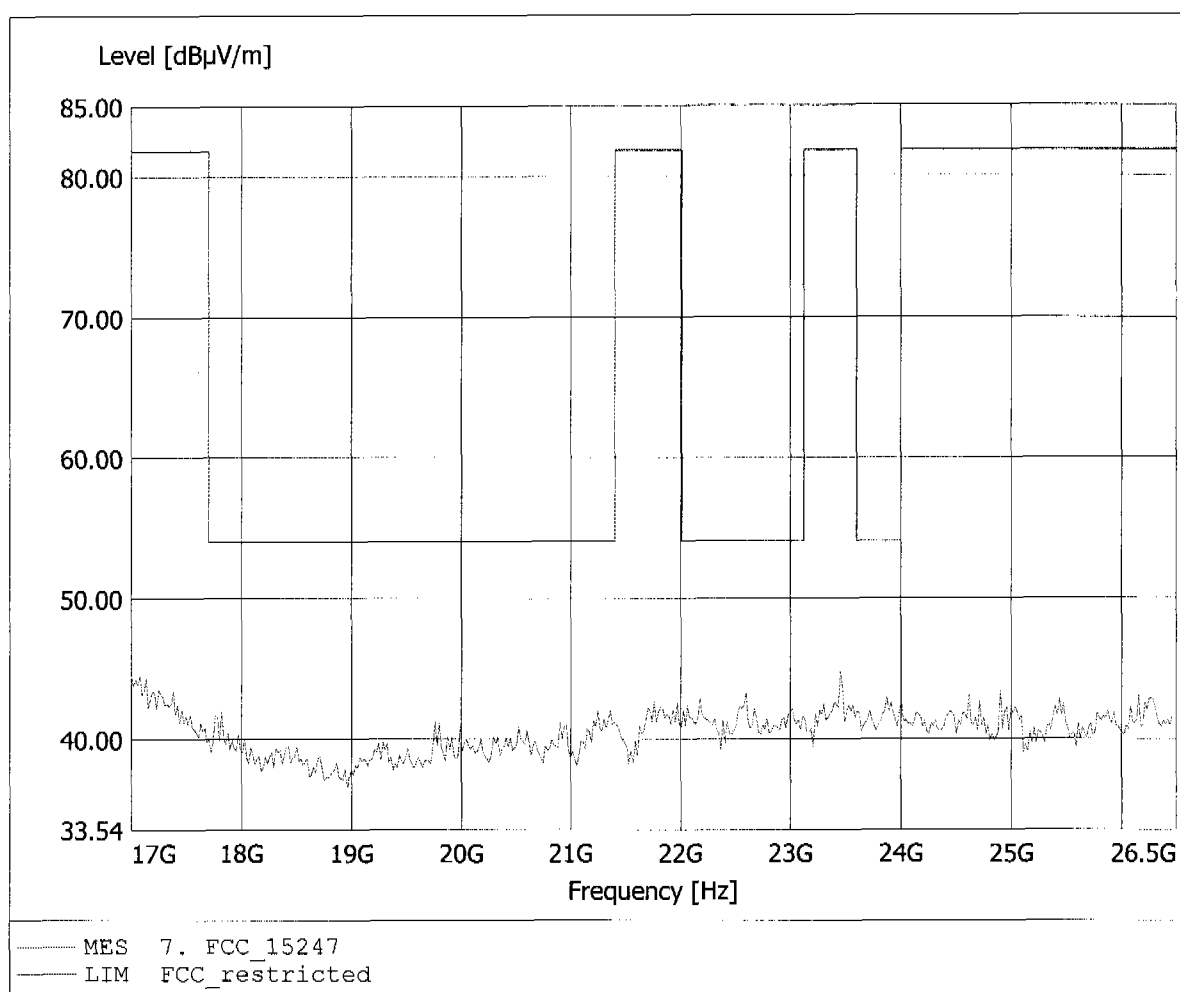
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2441 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.019GHz, Emax: 44.31dBμV/m, RBW: 1MHz



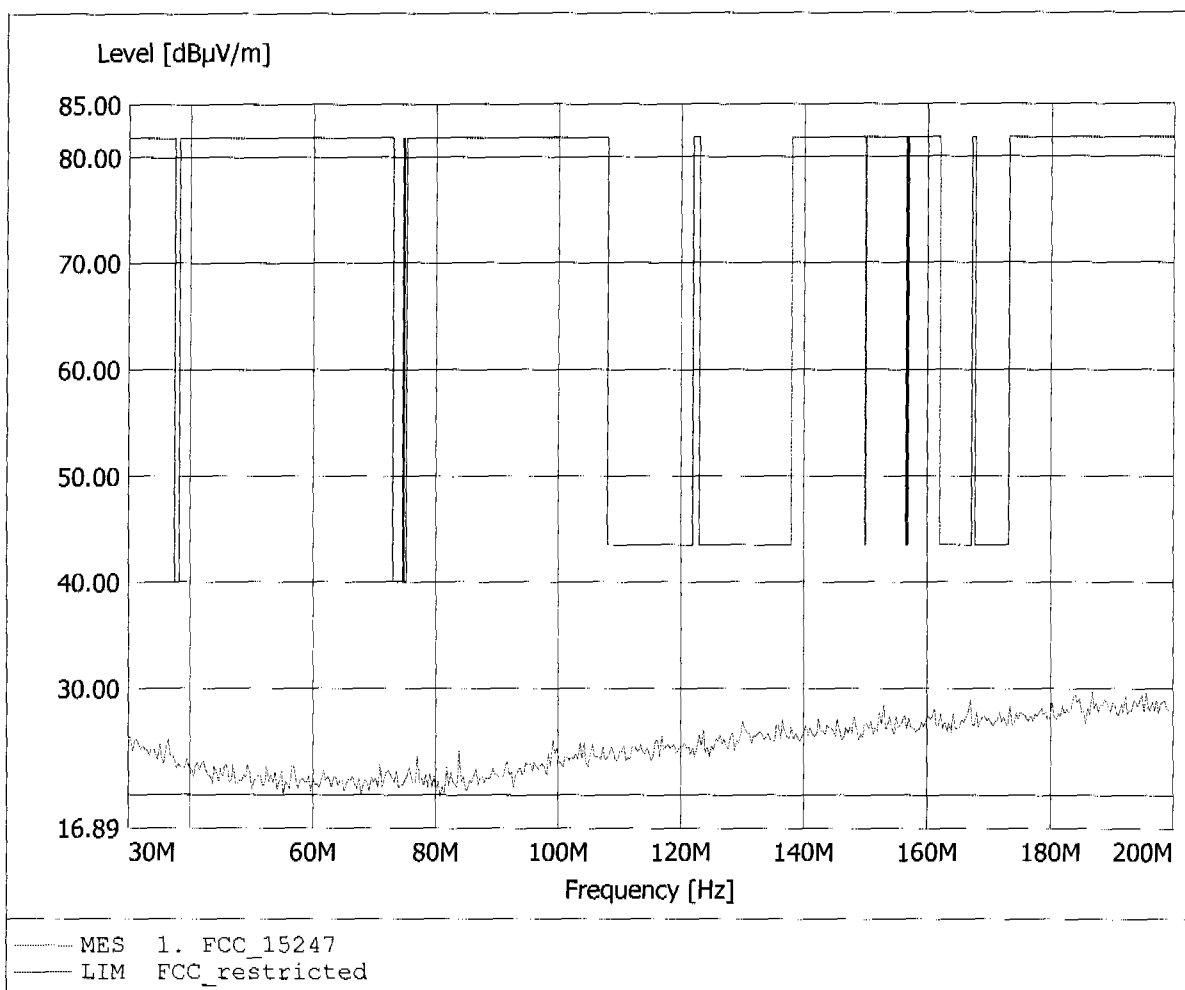
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2441 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 23.454GHz, Emax: 44.76dBµV/m, RBW: 1MHz



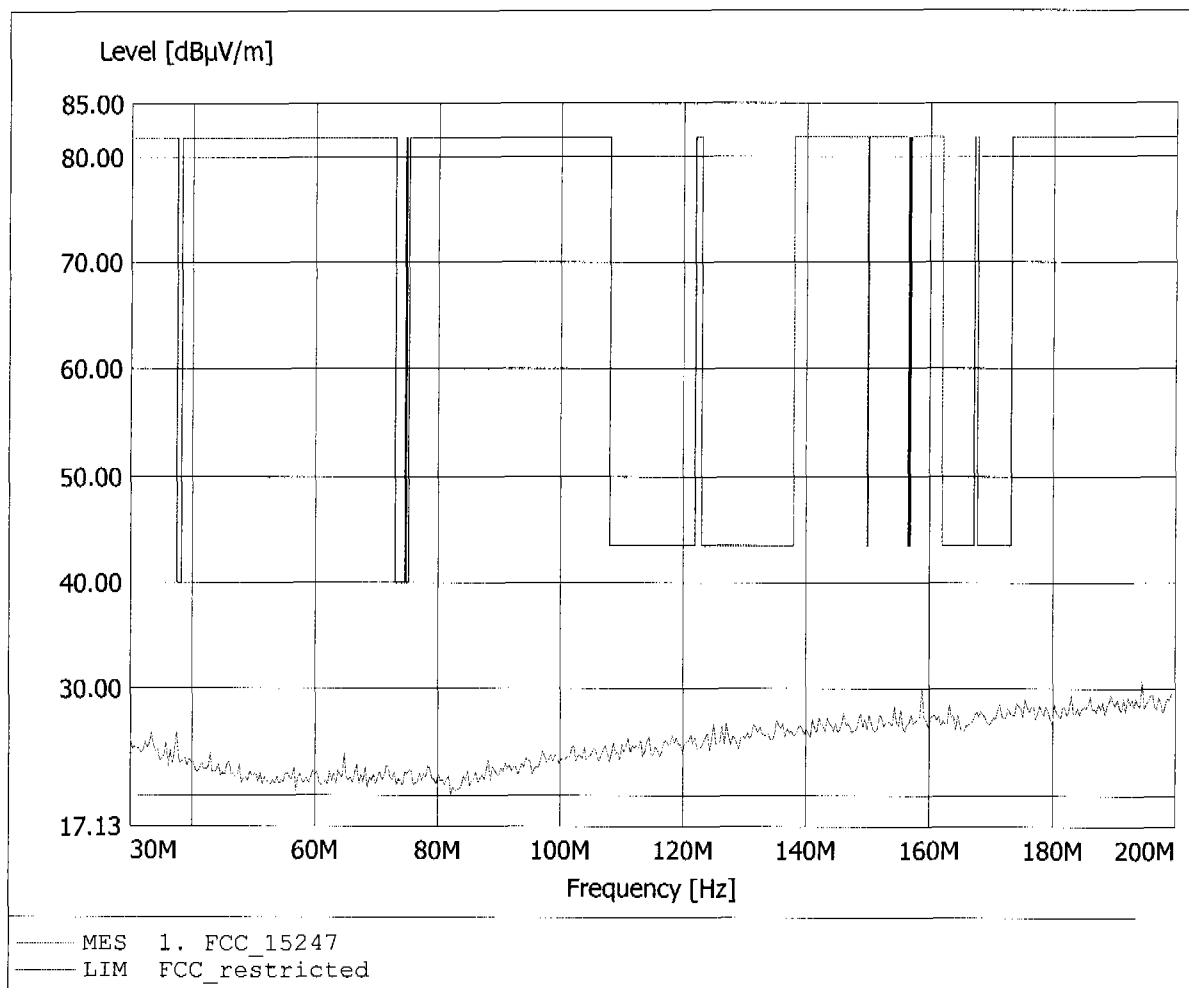
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2480 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 195.571MHz, Emax: 29.72dBµV/m, RBW: 100kHz



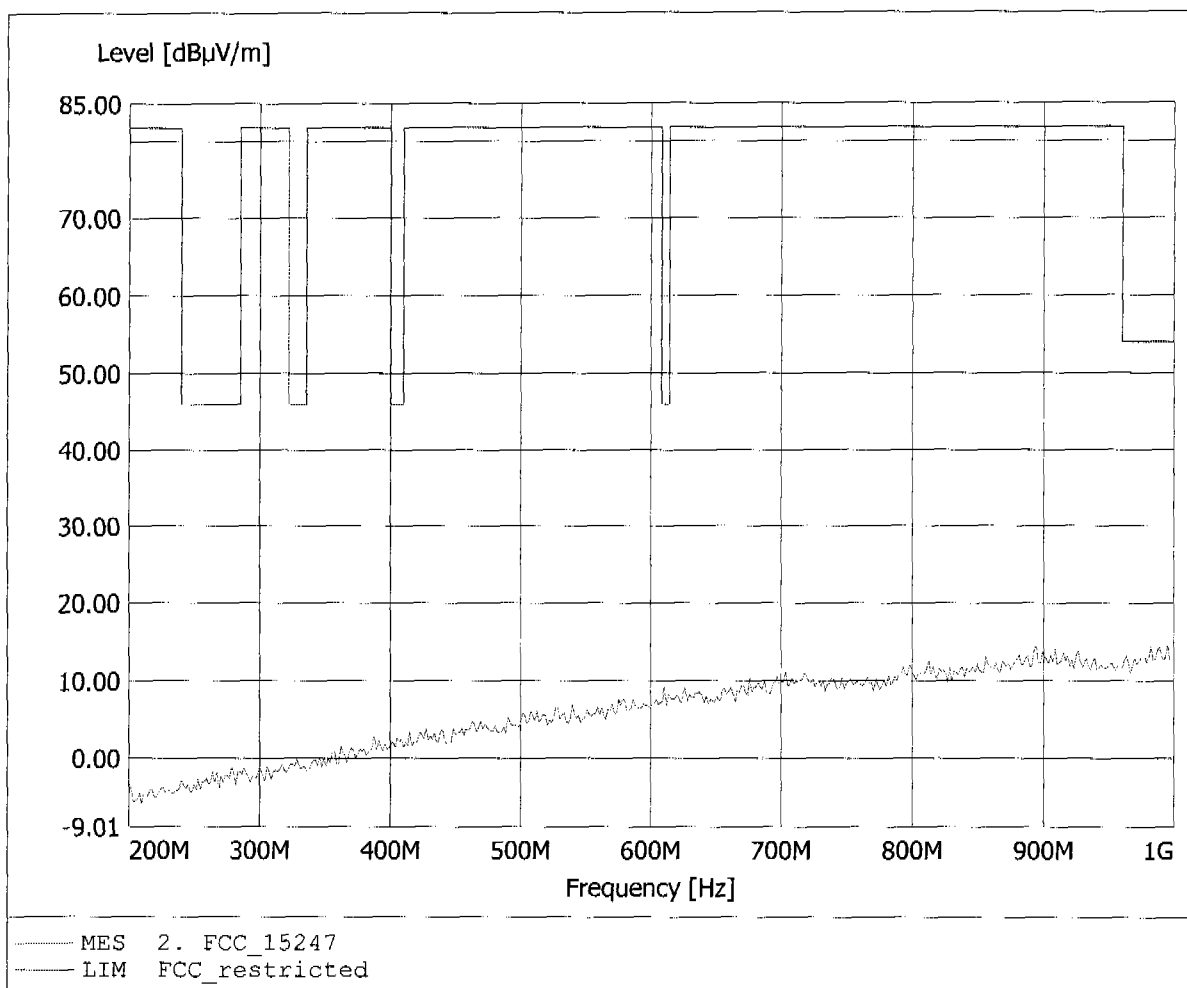
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2480 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 194.549MHz, Emax: 30.75dBµV/m, RBW: 100kHz



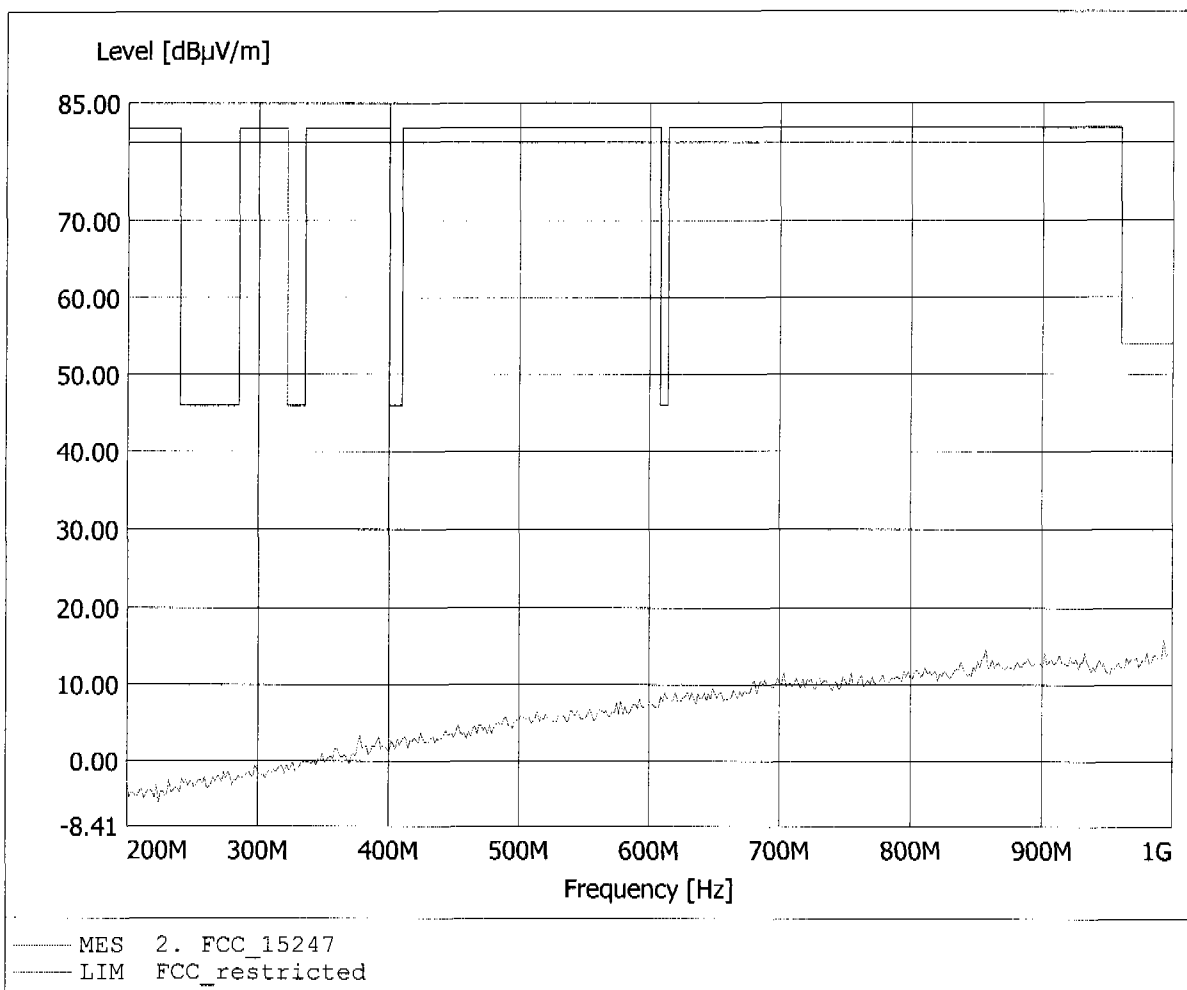
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2480 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 995.190MHz, Emax: 14.56dBµV/m, RBW: 100kHz



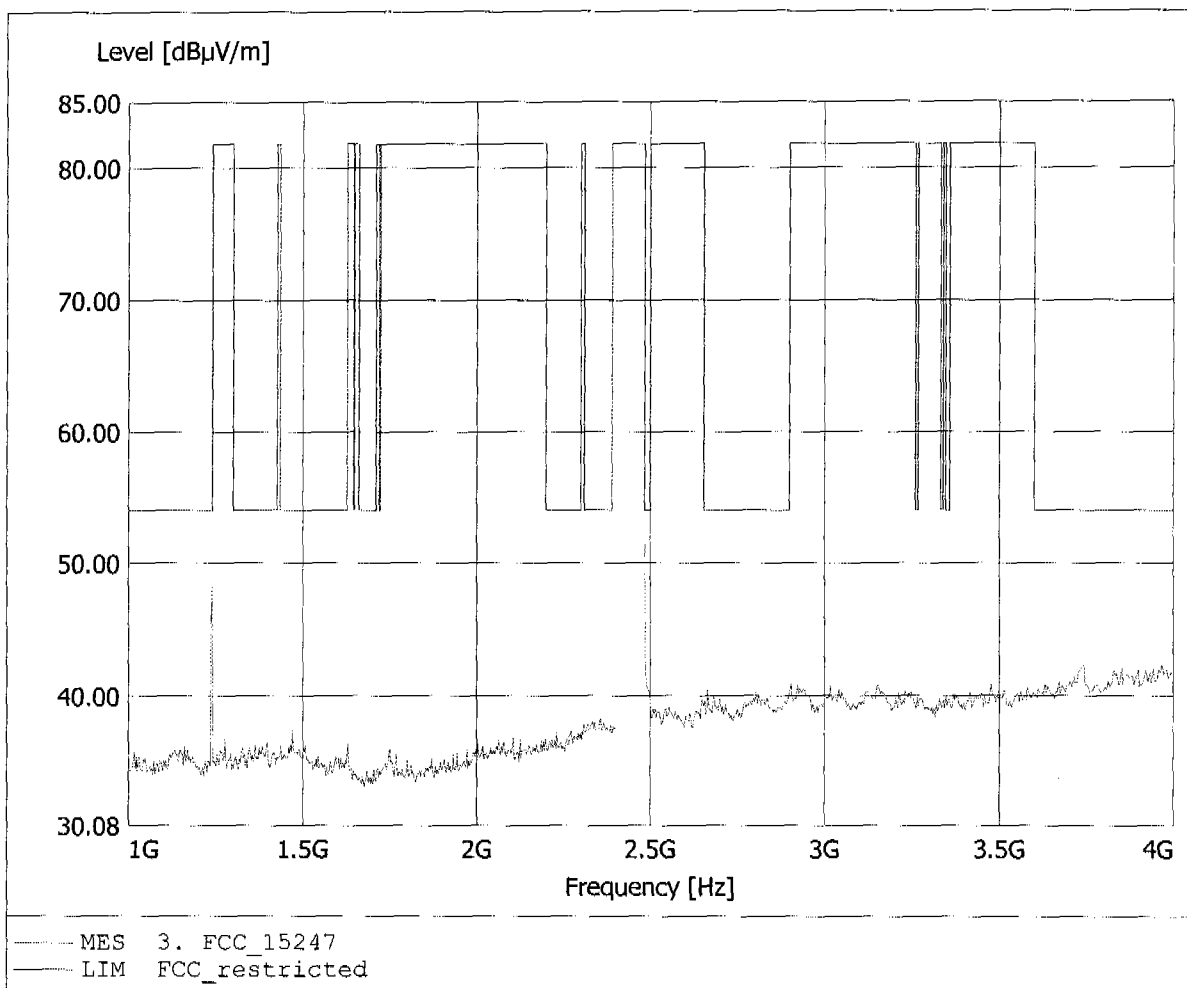
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2480 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 993.587MHz, Emax: 16.01dBµV/m, RBW: 100kHz



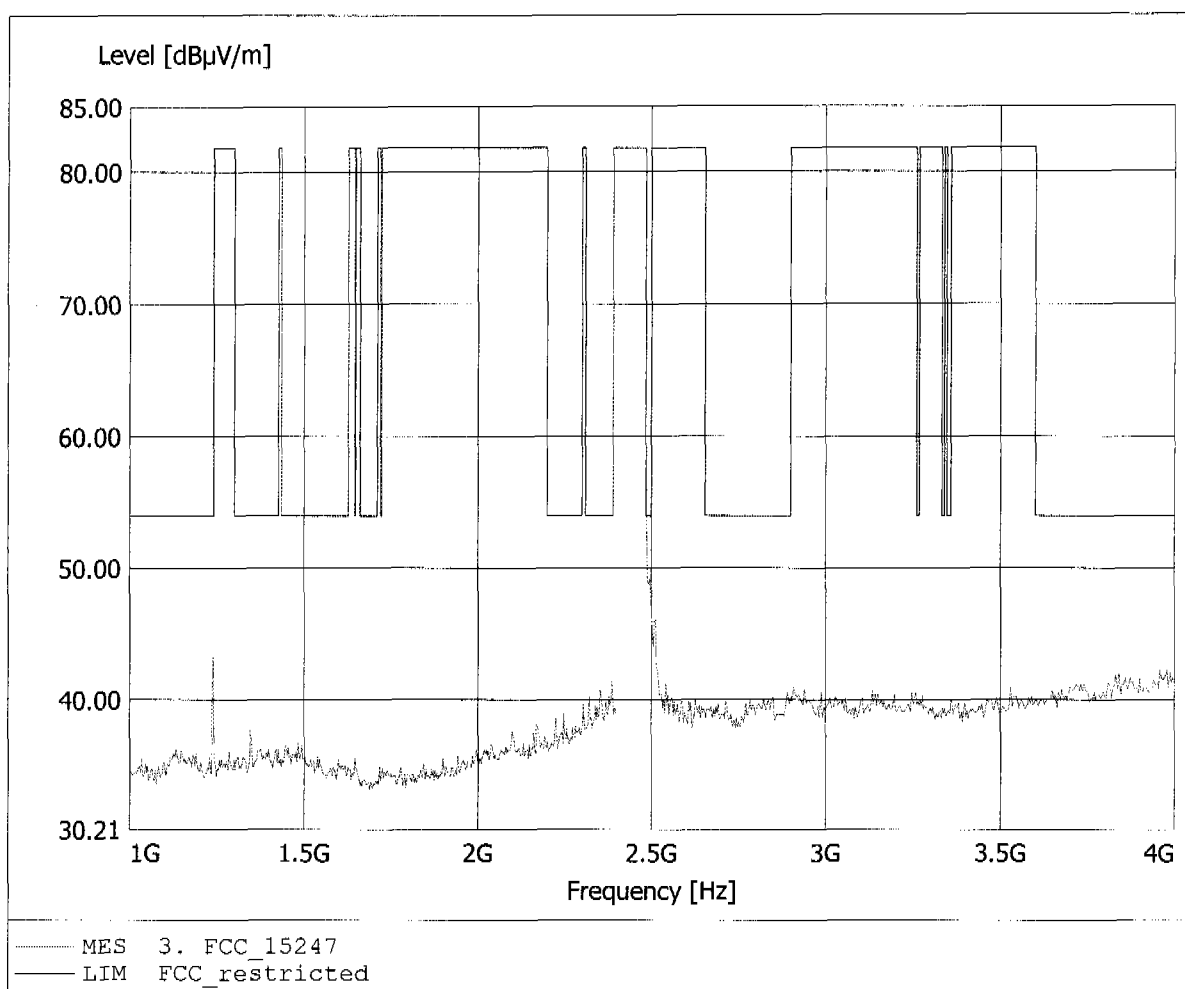
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2480 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 51.46dBµV/m, RBW: 1MHz



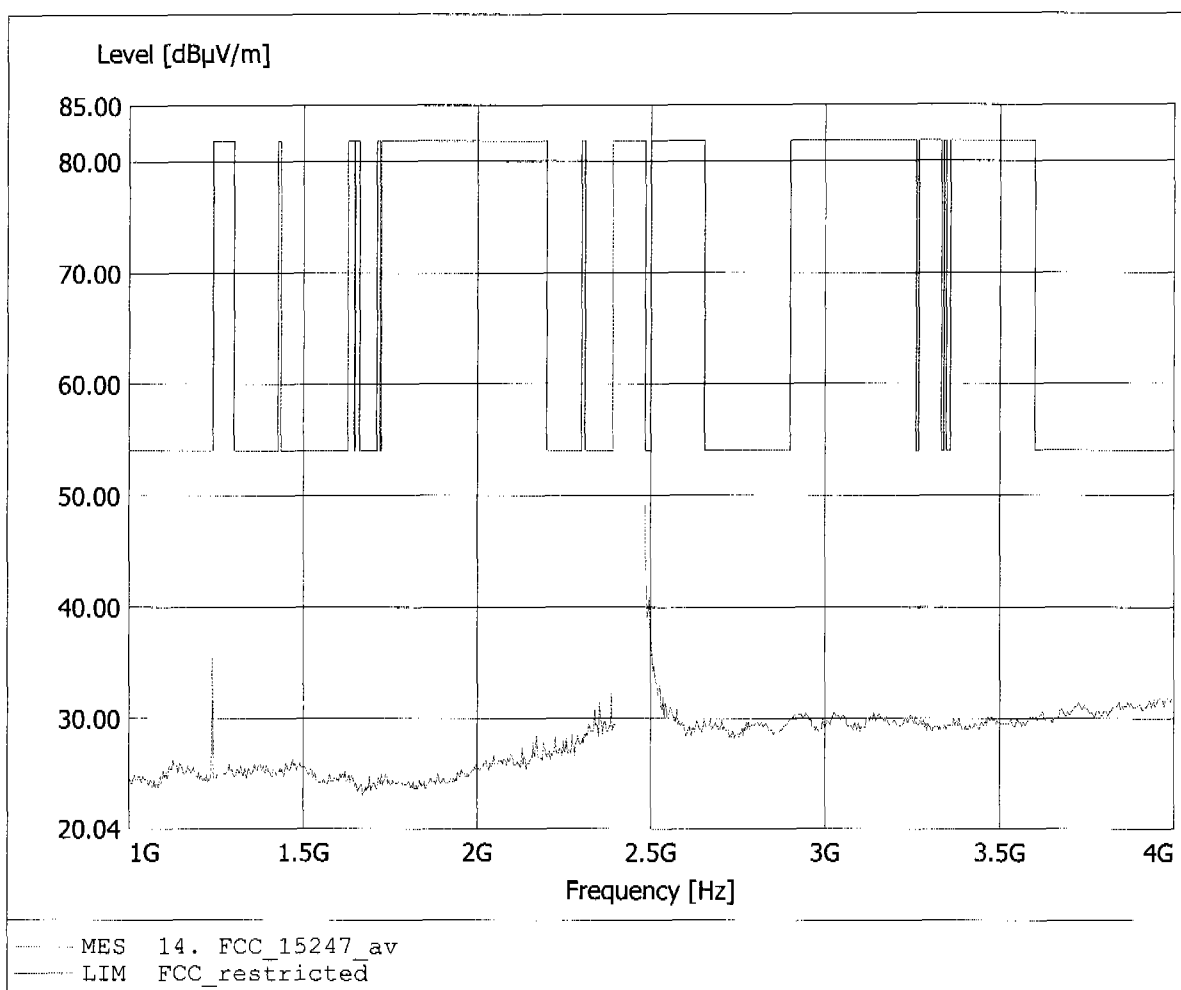
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2480 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 62.48dBµV/m, RBW: 1MHz



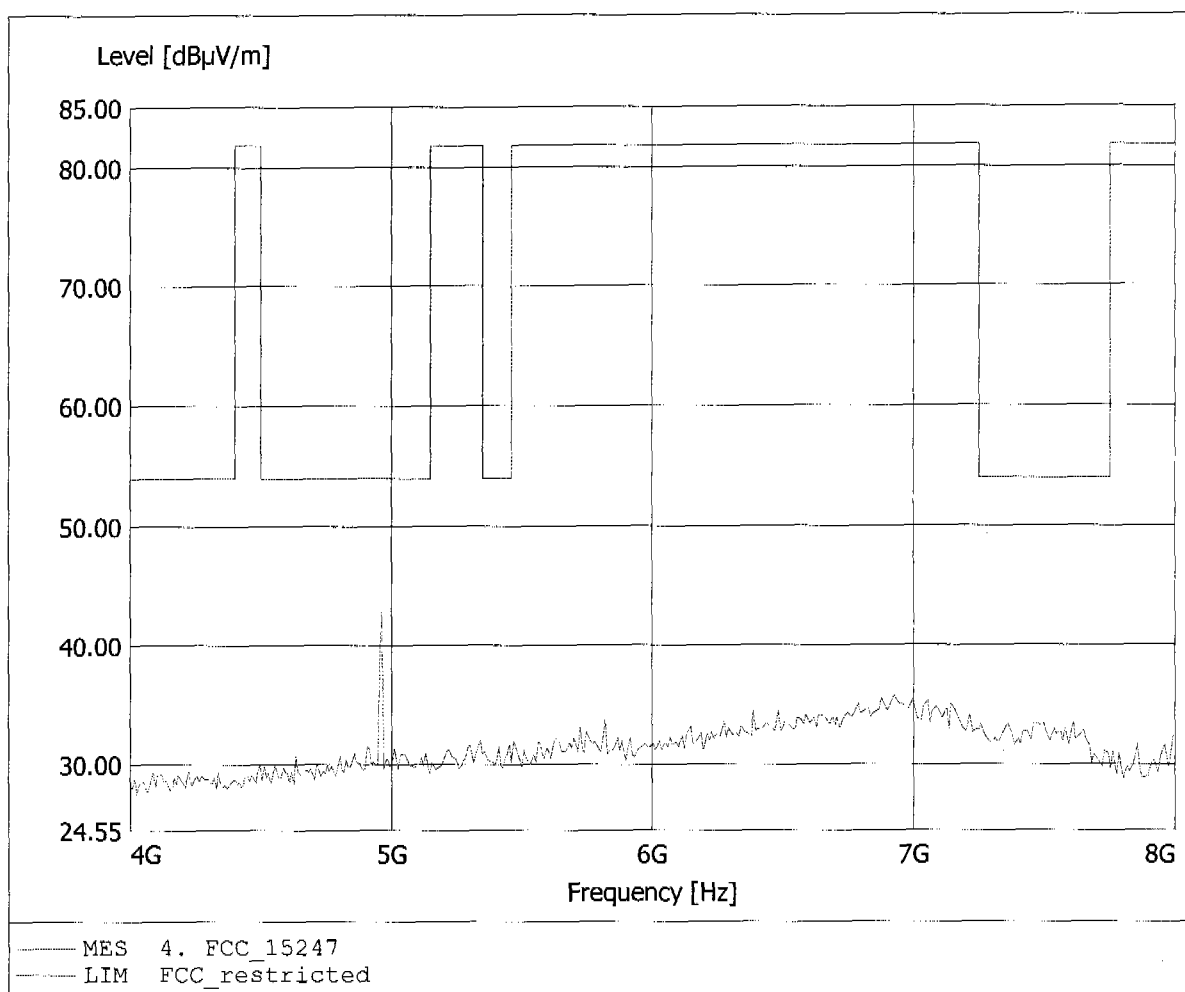
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2480 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 49.11dBµV/m, RBW: 1MHz



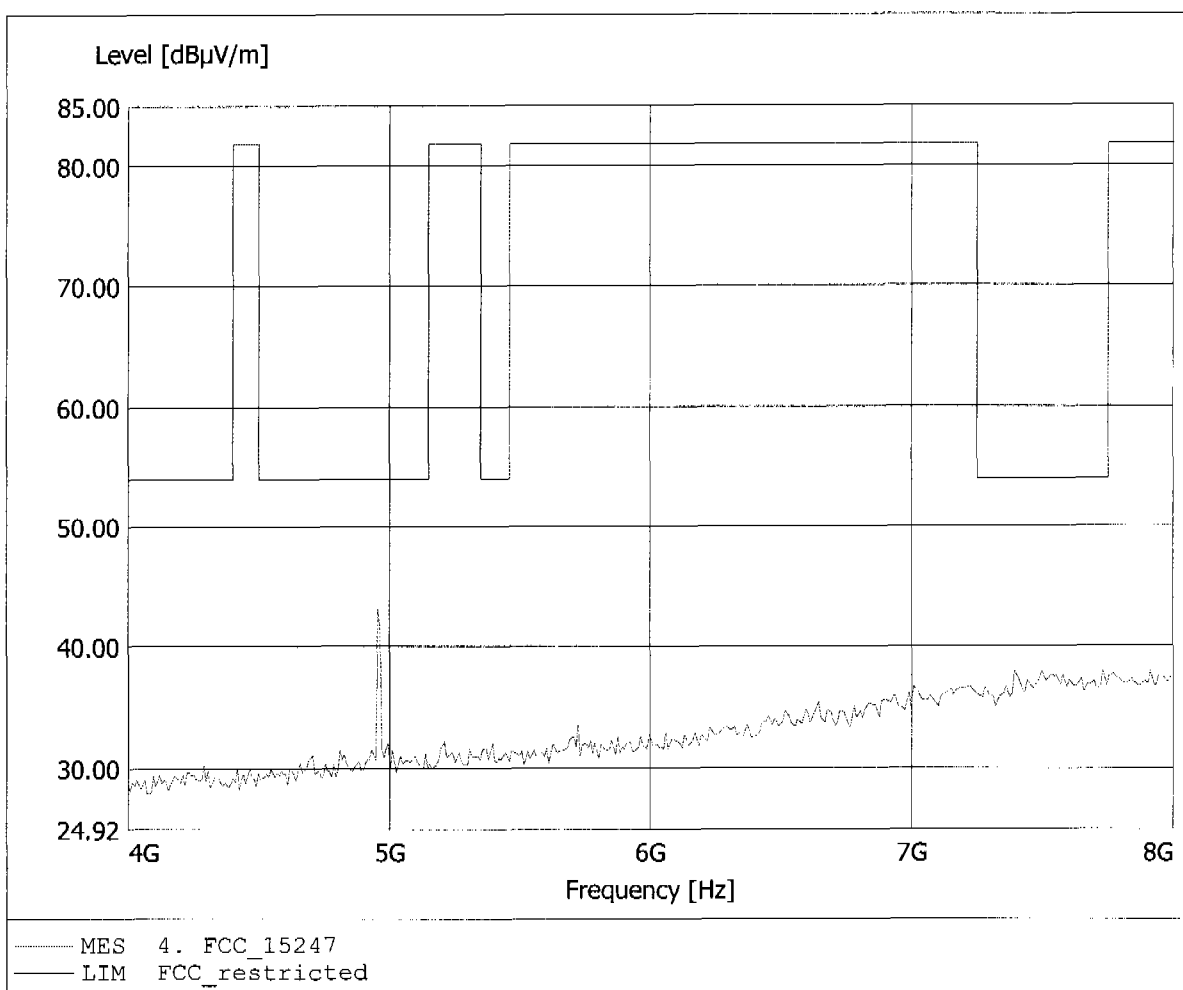
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2480 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.962GHz, Emax: 42.82dBμV/m, RBW: 1MHz



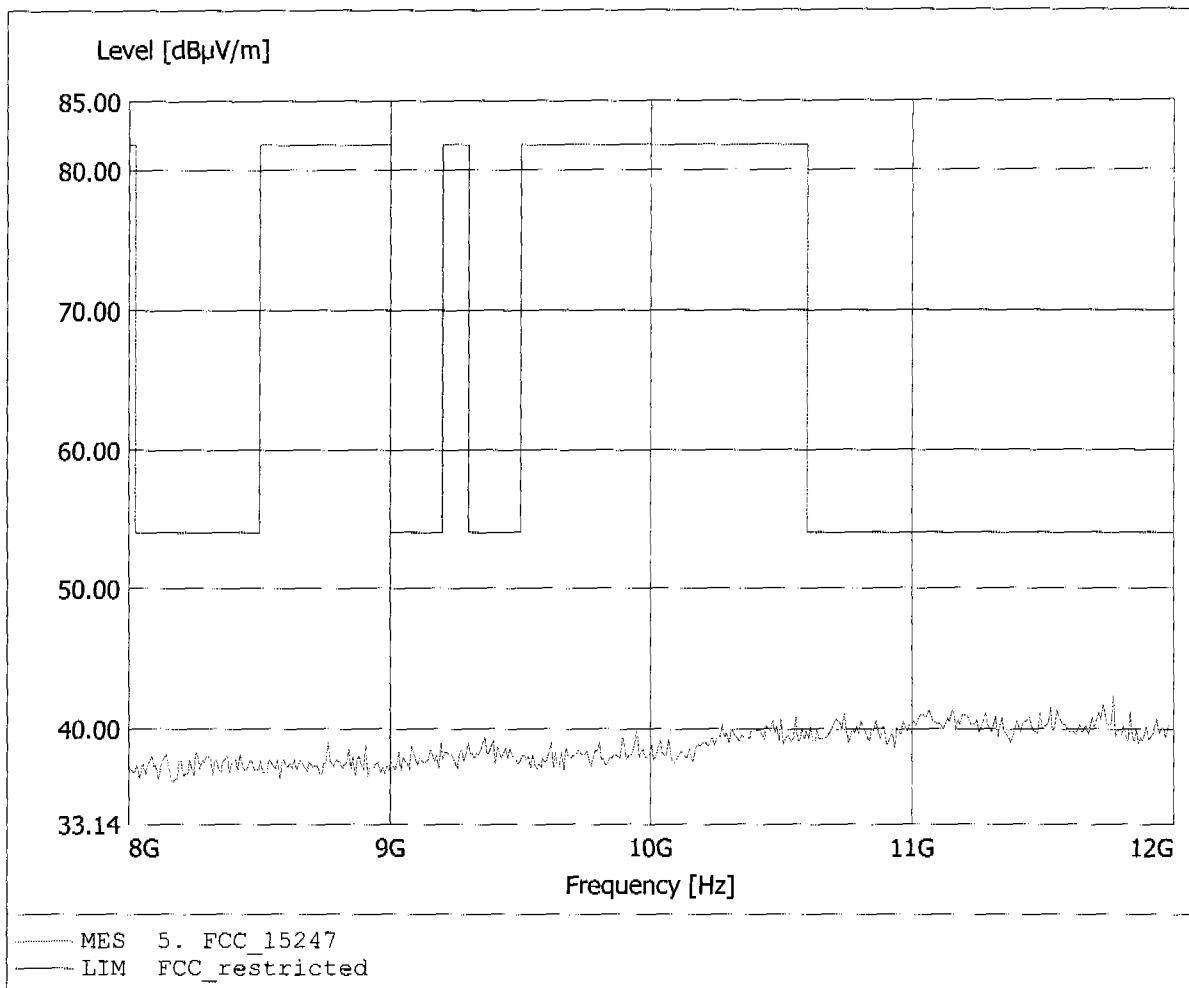
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2480 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.954GHz, Emax: 43.36dBμV/m, RBW: 1MHz



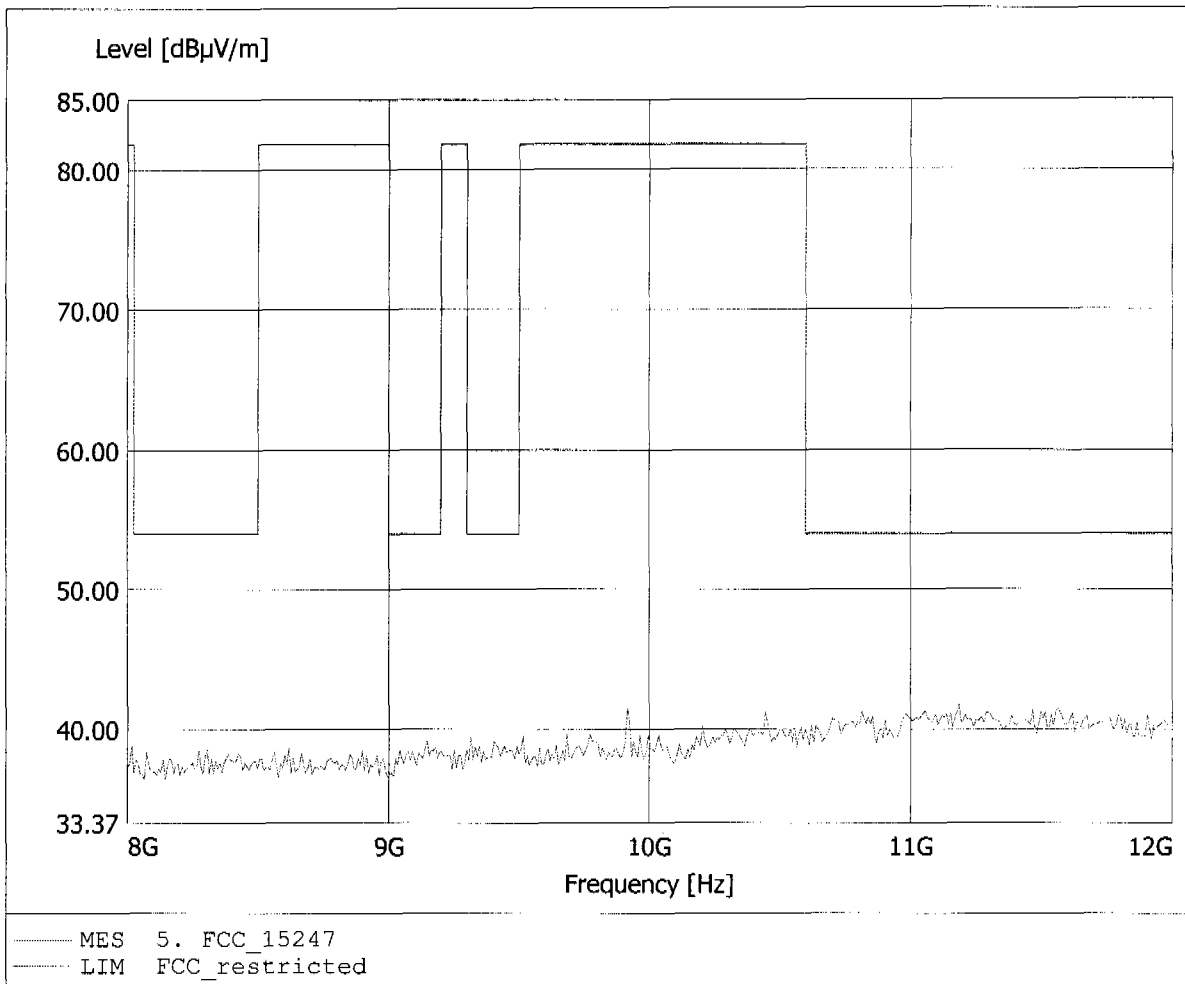
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2480 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.768GHz, Emax: 42.39dBµV/m, RBW: 1MHz



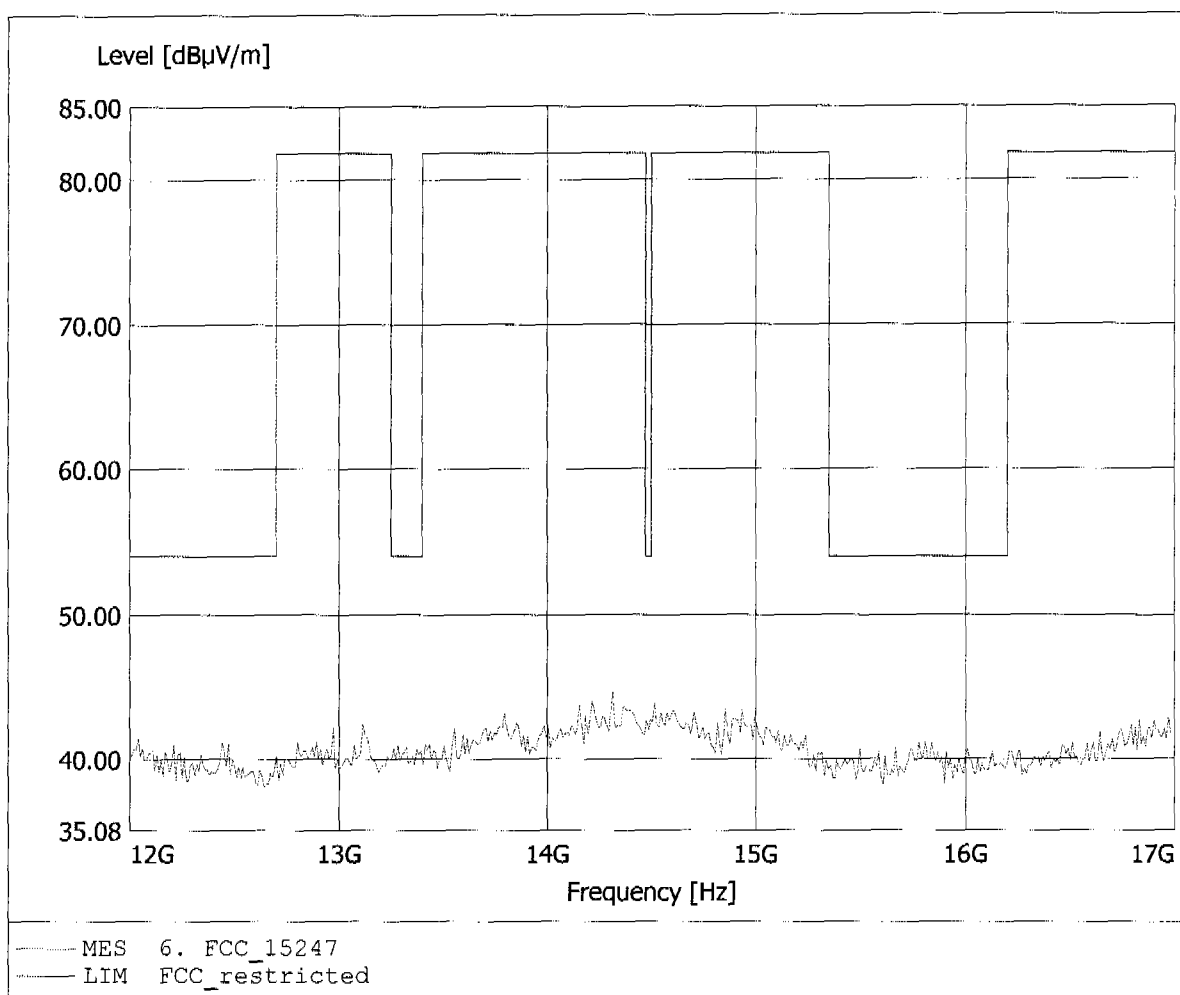
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2480 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.182GHz, Emax: 41.69dBμV/m, RBW: 1MHz



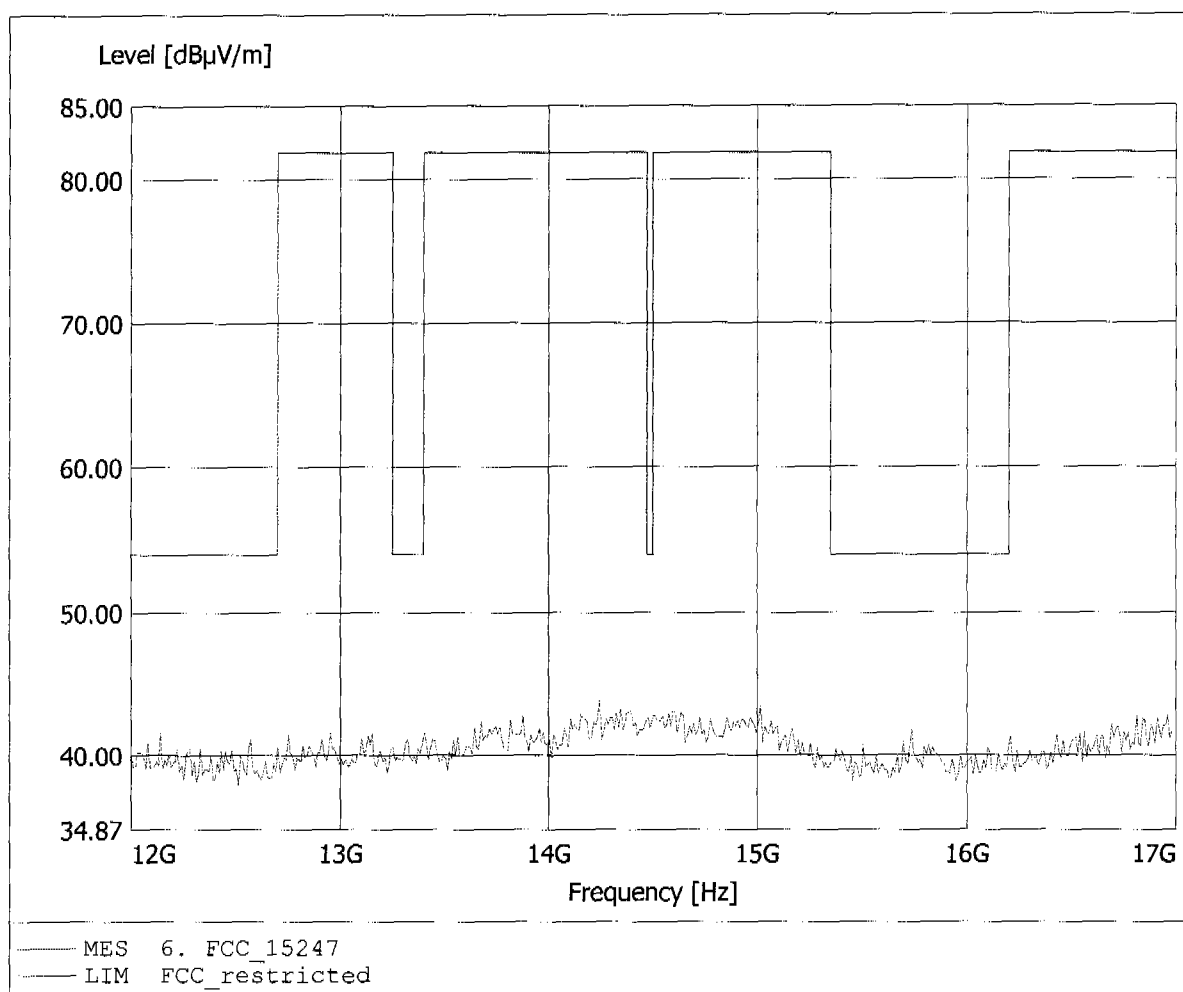
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2480 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.315GHz, Emax: 44.70dBuV/m, RBW: 1MHz



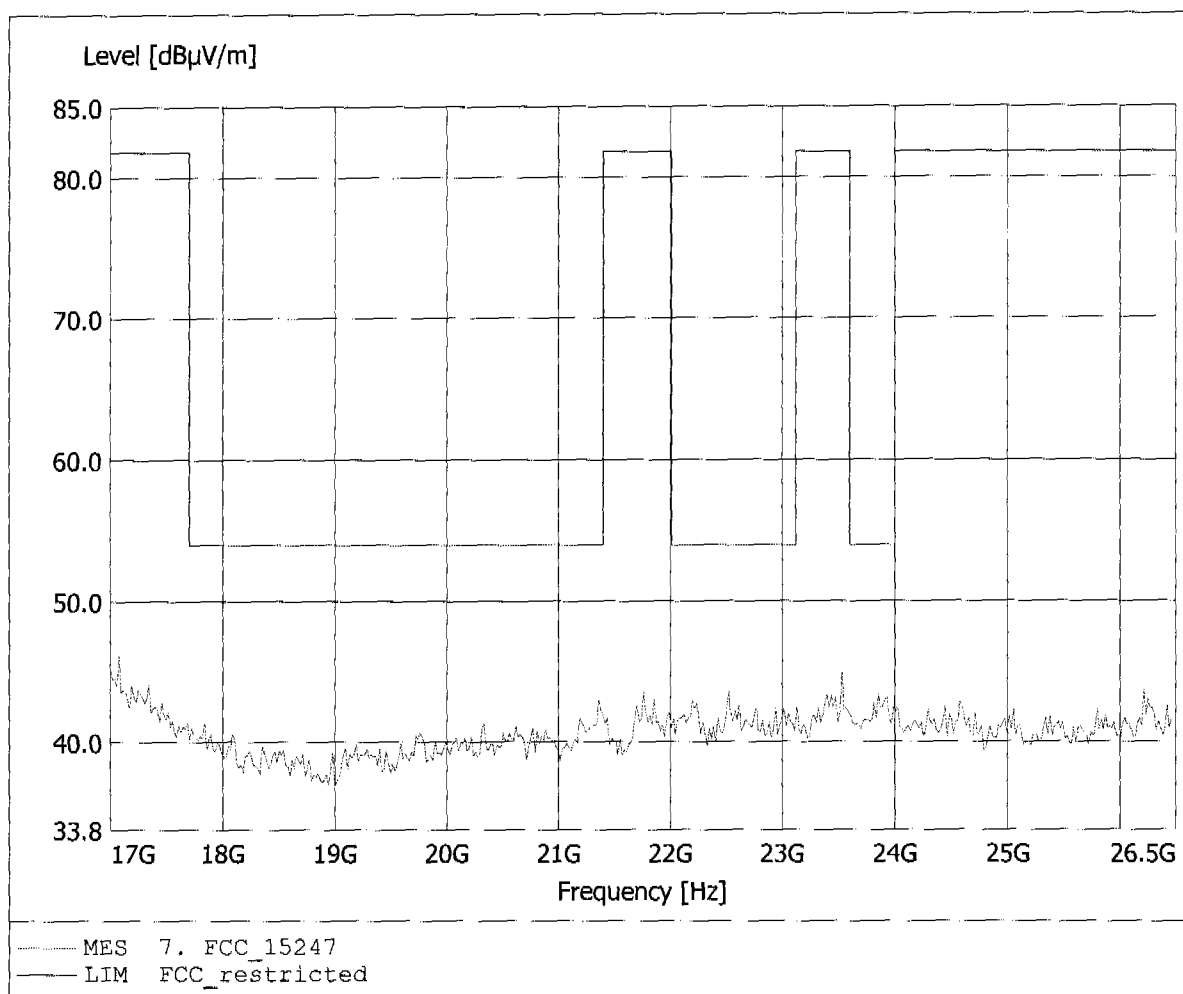
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2480 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cerovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.244GHz, Emax: 43.84dBμV/m, RBW: 1MHz



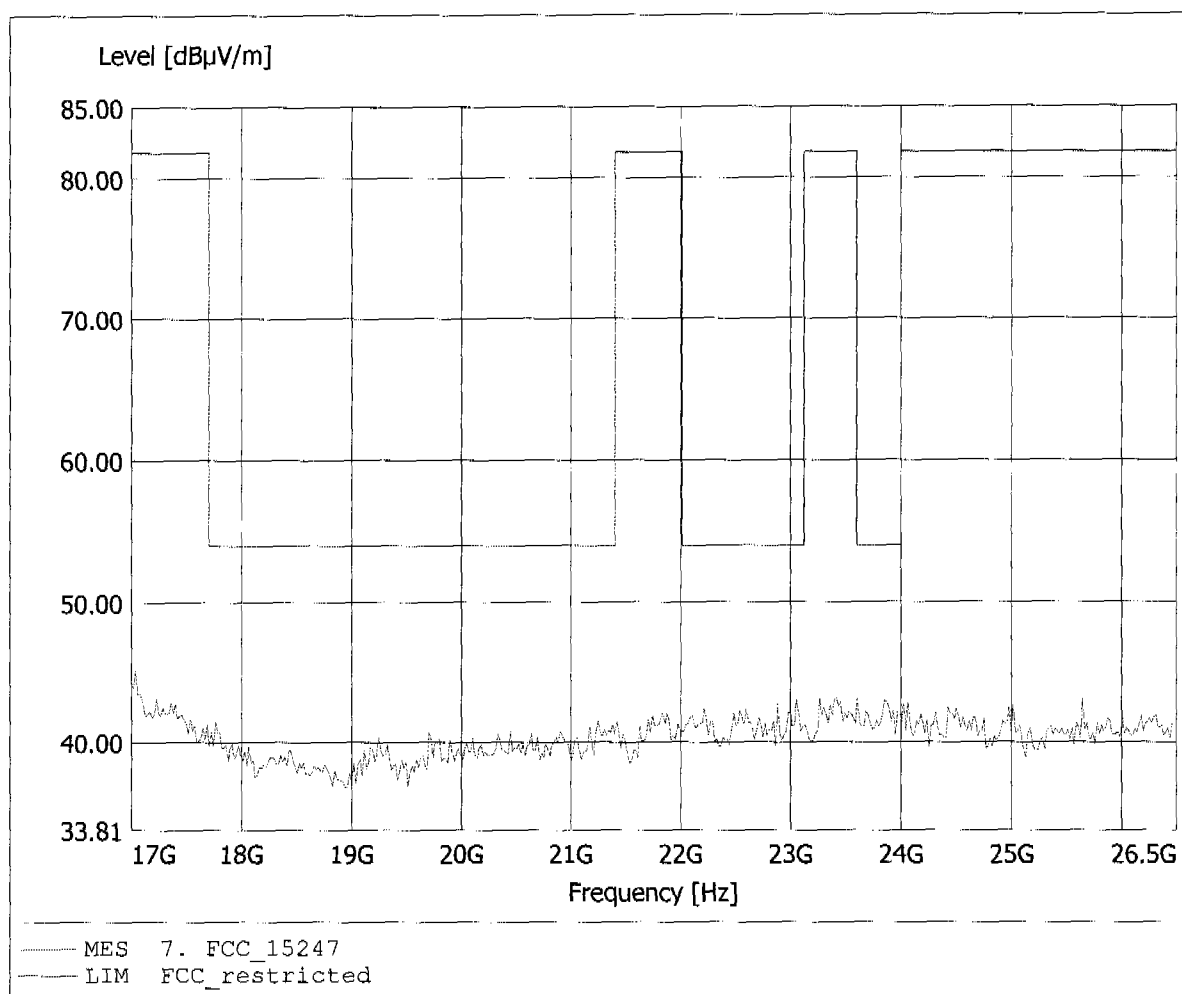
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2480 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.076GHz, Emax: 46.20dBµV/m, RBW: 1MHz



Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: BlueTooth Headset
Model / Freq.: HS820 / 2480 MHz
Approval Holder: GN Netcom
Operating Condition: Tnom: 23°C / Unom: 3.7 V DC (Lit-Polymer battery)
Test Site / Operator: ETS / Mr. Cersovsky
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.038GHz, Emax: 45.14dBµV/m, RBW: 1MHz



Appendix D

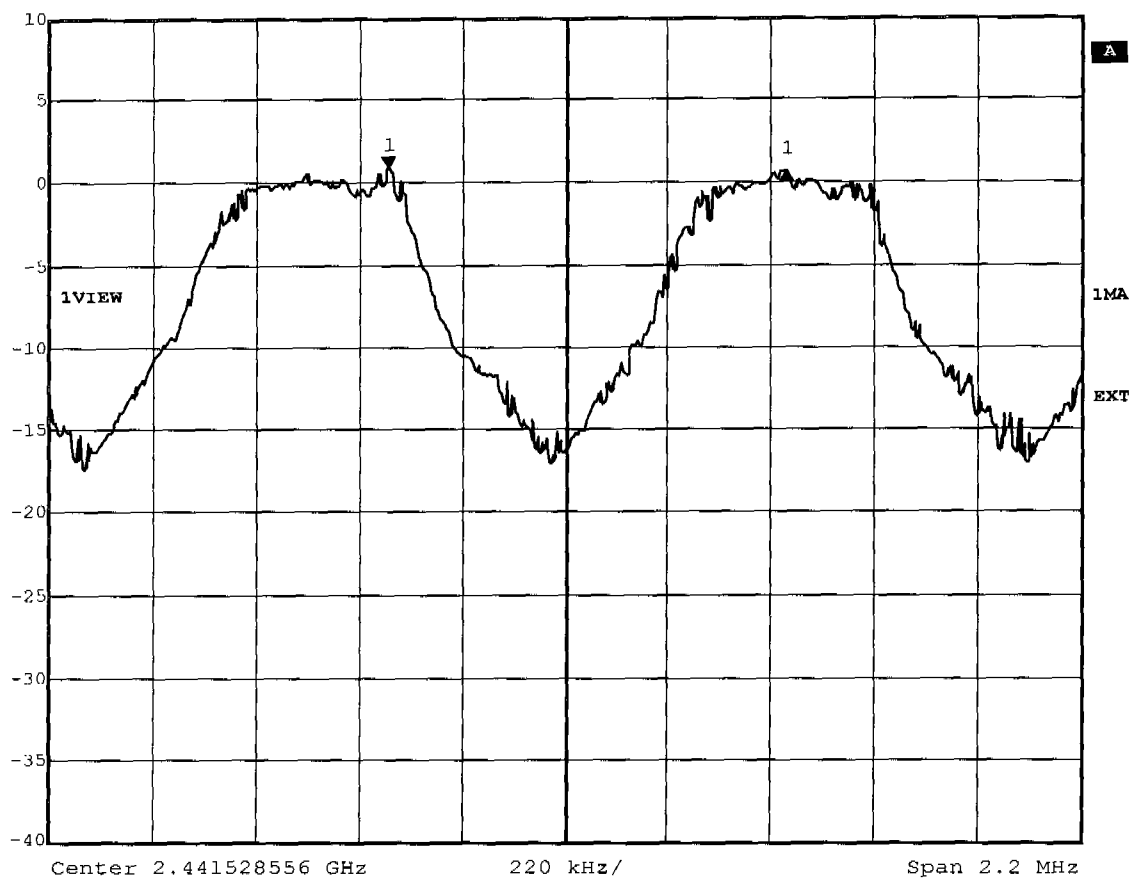
Spurious Emissions conducted - Transmitter operating

Appendix E

Carrier Frequency Separation



Delta 1 [T1] RBW 100 kHz RF Att 40 dB
Ref Lvl -0.24 dB VBW 100 kHz
10 dBm 850.90180361 kHz SWT 5 ms Unit dBm



Title: Carrier Frequency Separation
Comment A: HS820
Date: 4.MAR.2004 10:10:51

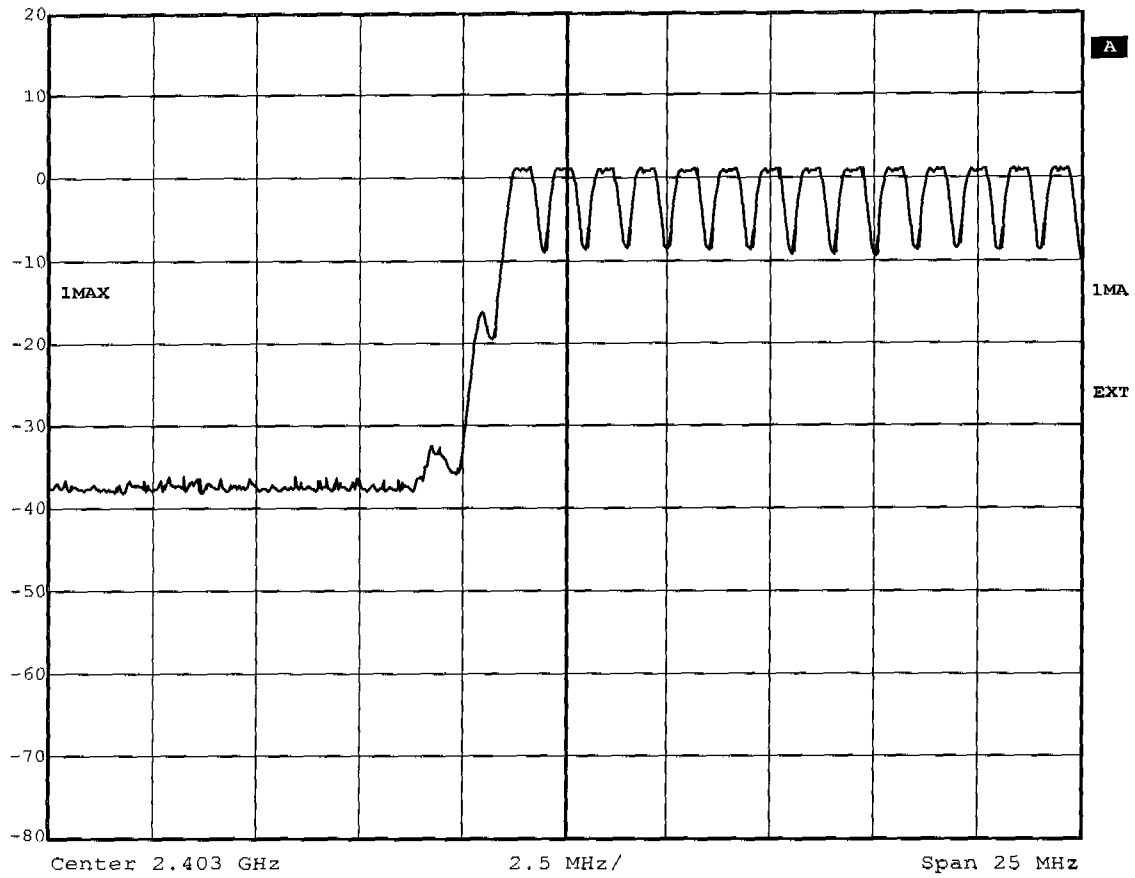
Appendix F

Number of Hopping Frequencies



Ref Lvl
20 dBm

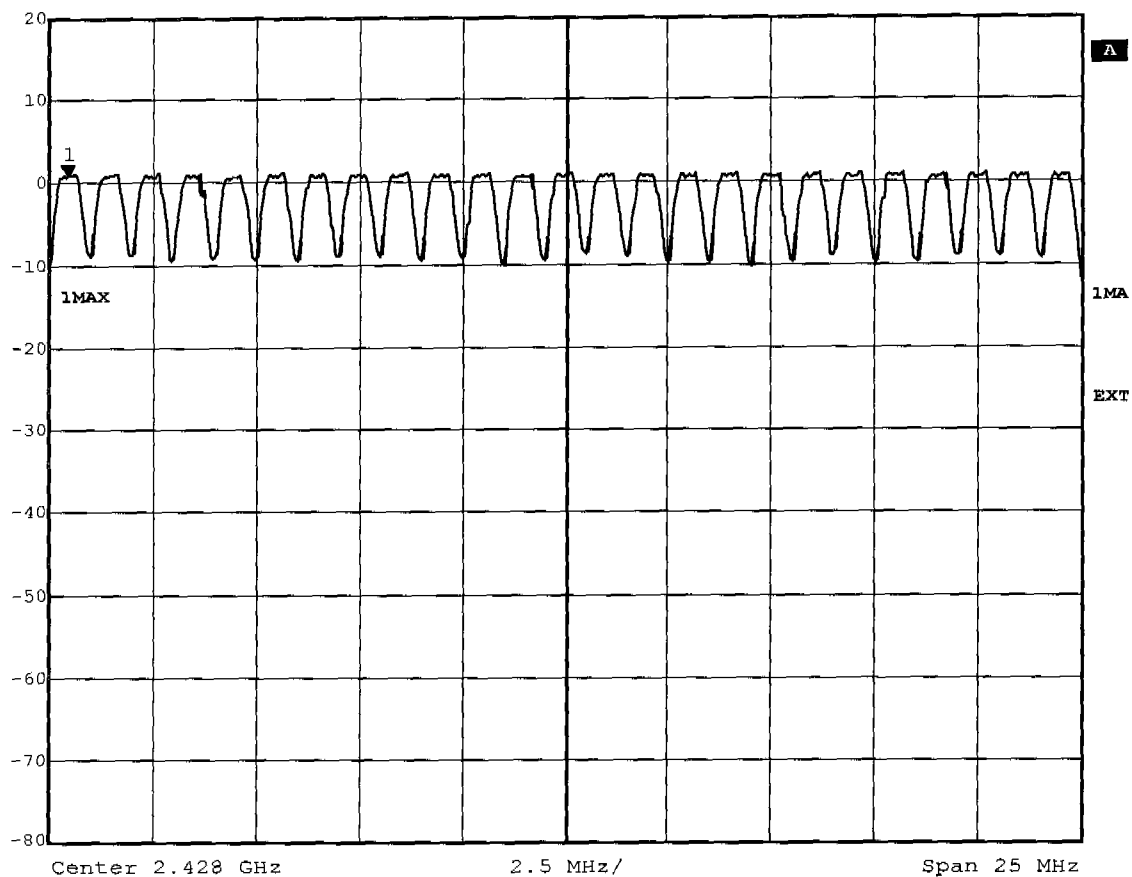
RBW 300 kHz RF Att 50 dB
VBW 300 kHz
SWT 5 ms Unit dBm



Title: Number of Hopping Frequencies Ch.: 0-13
Comment A: HS820
Date: 4.MAR.2004 10:20:26



Marker 1 [T1] RBW 300 kHz RF Att 50 dB
Ref Lvl 0.59 dBm VBW 300 kHz
20 dBm 2.41595090 GHz SWT 5 ms Unit dBm

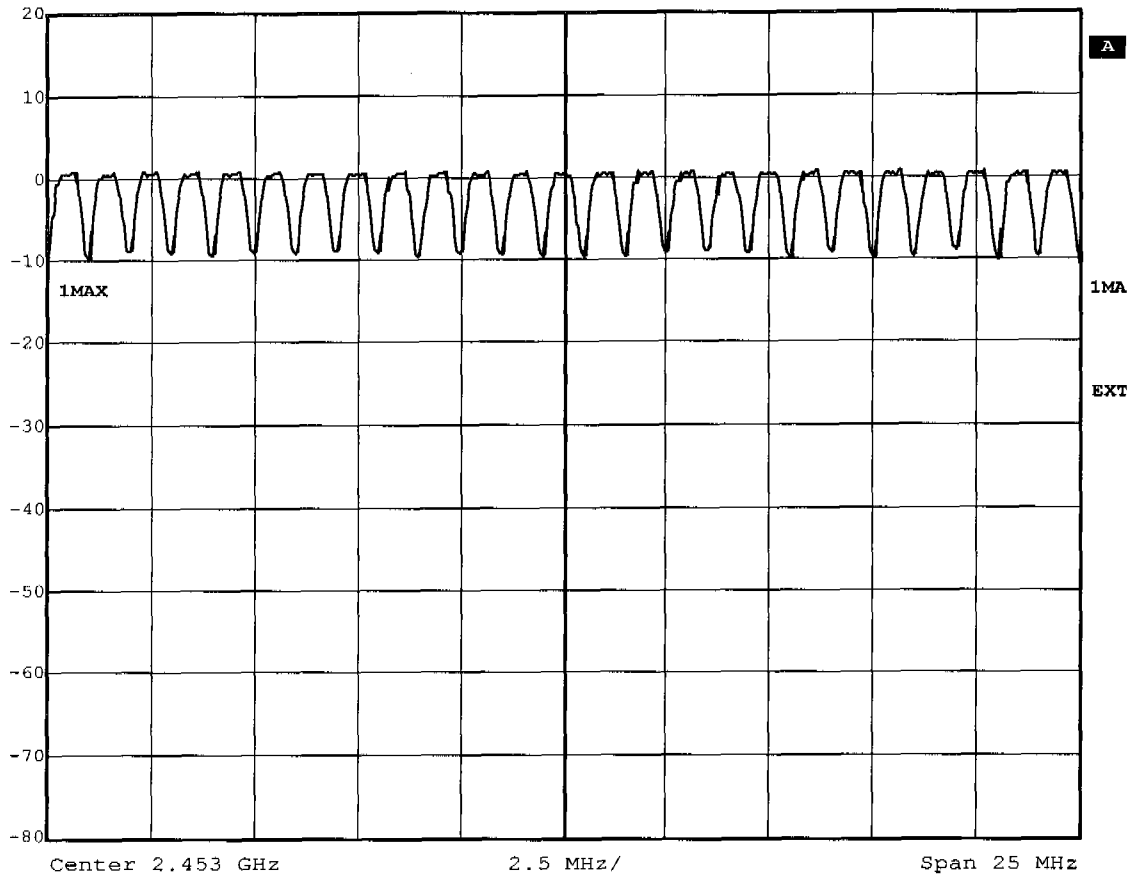


Title: Number of Hopping Frequencies Ch.: 14-38
Comment A: HS820
Date: 4.MAR.2004 10:21:51



Ref Lvl
20 dBm

RBW 300 kHz RF Att 50 dB
VBW 300 kHz
SWT 5 ms Unit dBm

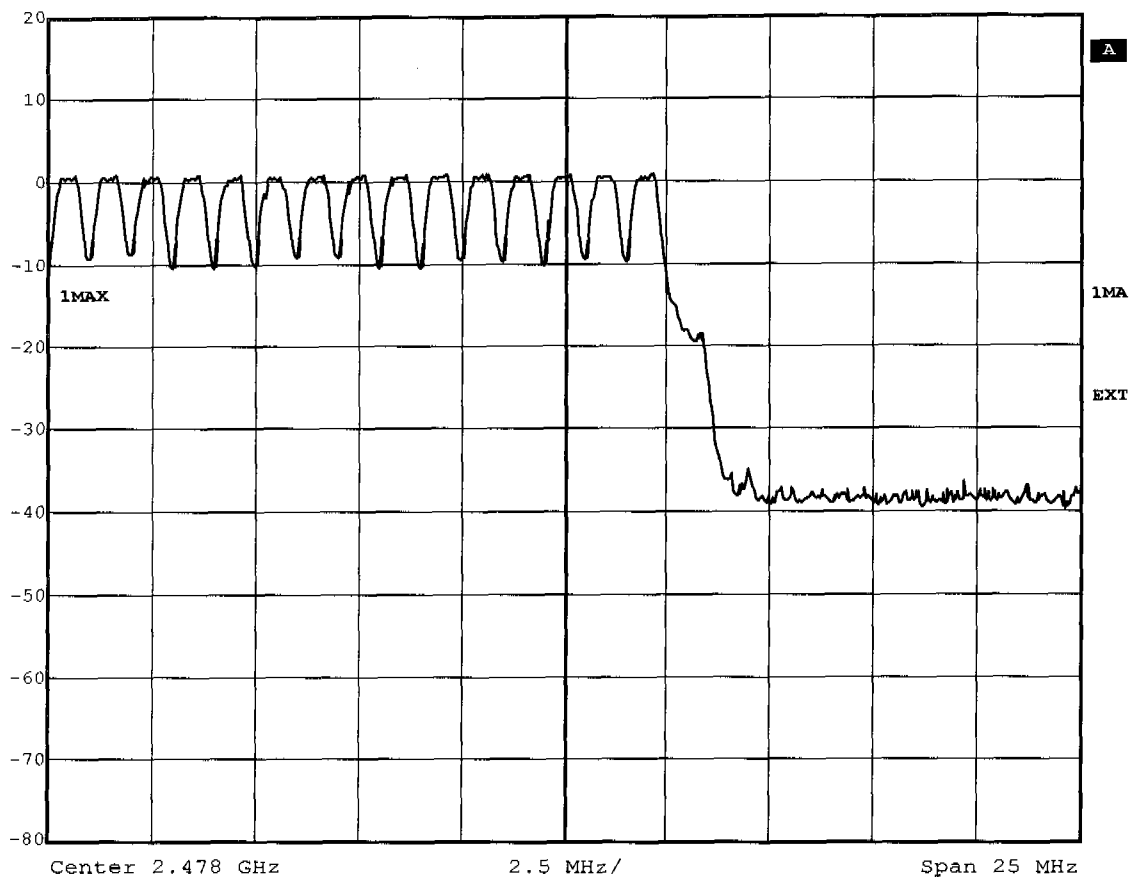


Title: Number of Hopping Frequencies Ch.: 39-63
Comment A: HS820
Date: 4.MAR.2004 10:23:13



Ref Lvl
20 dBm

RBW 300 kHz RF Att 50 dB
VBW 300 kHz
SWT 5 ms Unit dBm



Title: Number of Hopping Frequencies Ch.: 64-78
Comment A: HS820
Date: 4.MAR.2004 10:24:24

Appendix G

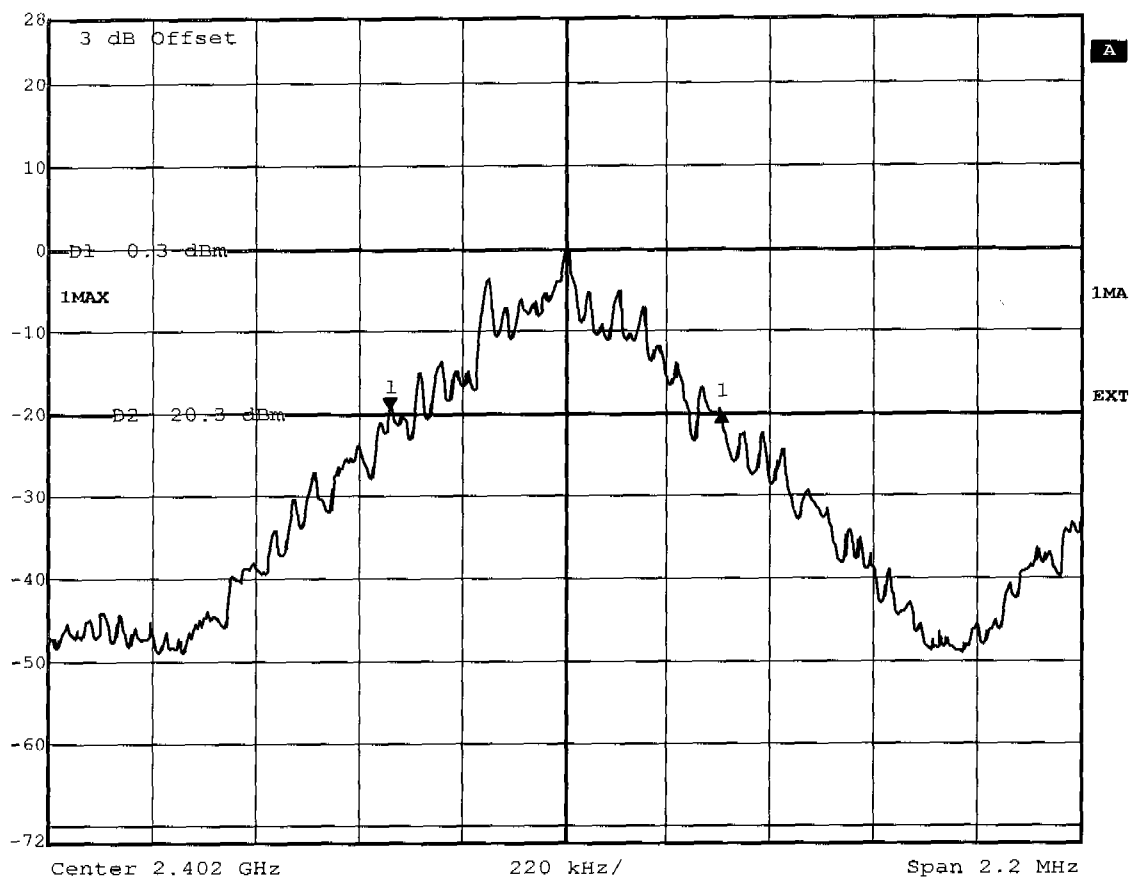
Time of Occupancy (Dwell Time)

Appendix H

20dB Bandwidth



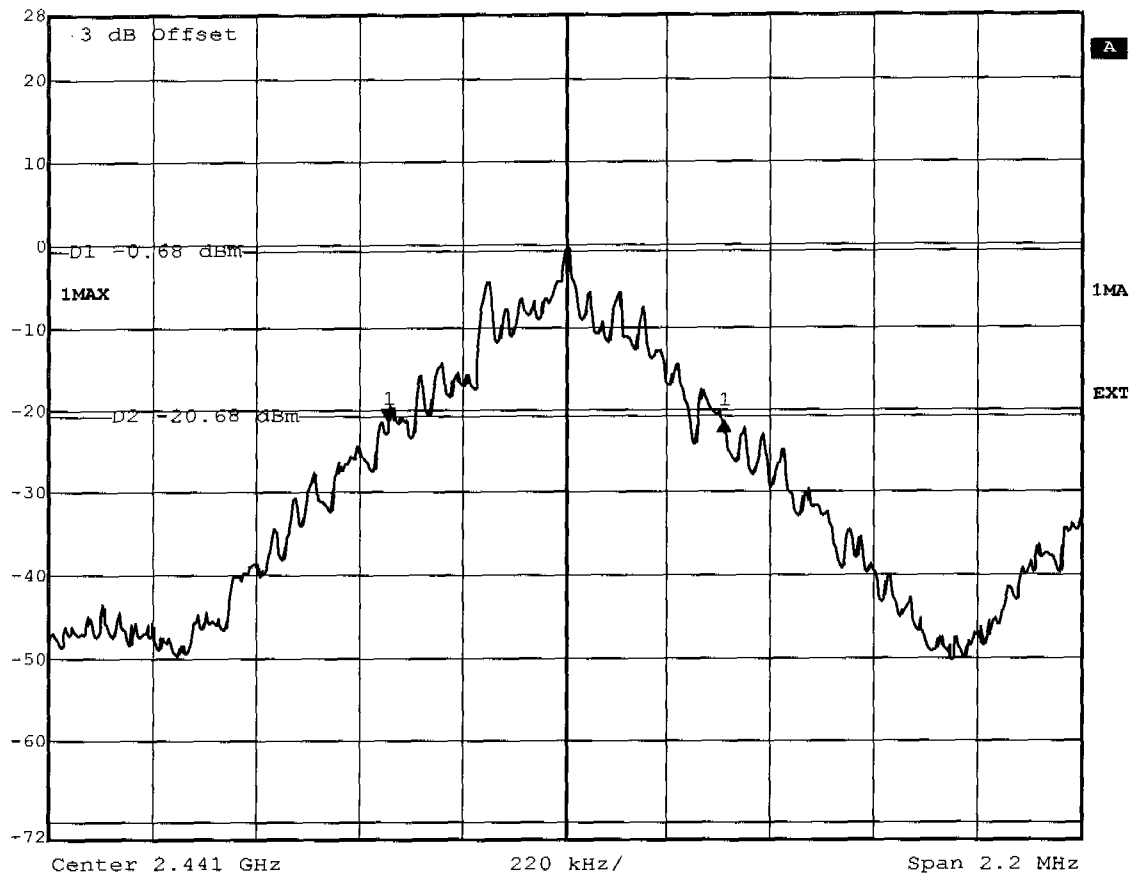
Delta 1 [T1] RBW 10 kHz RF Att 50 dB
Ref Lvl -0.37 dB VBW 10 kHz
28 dBm 709.81963928 kHz SWT 56 ms Unit dBm



Title: -20dB Bandwidth Ch.: 0
Comment A: HS820
Date: 4.MAR.2004 21:08:28



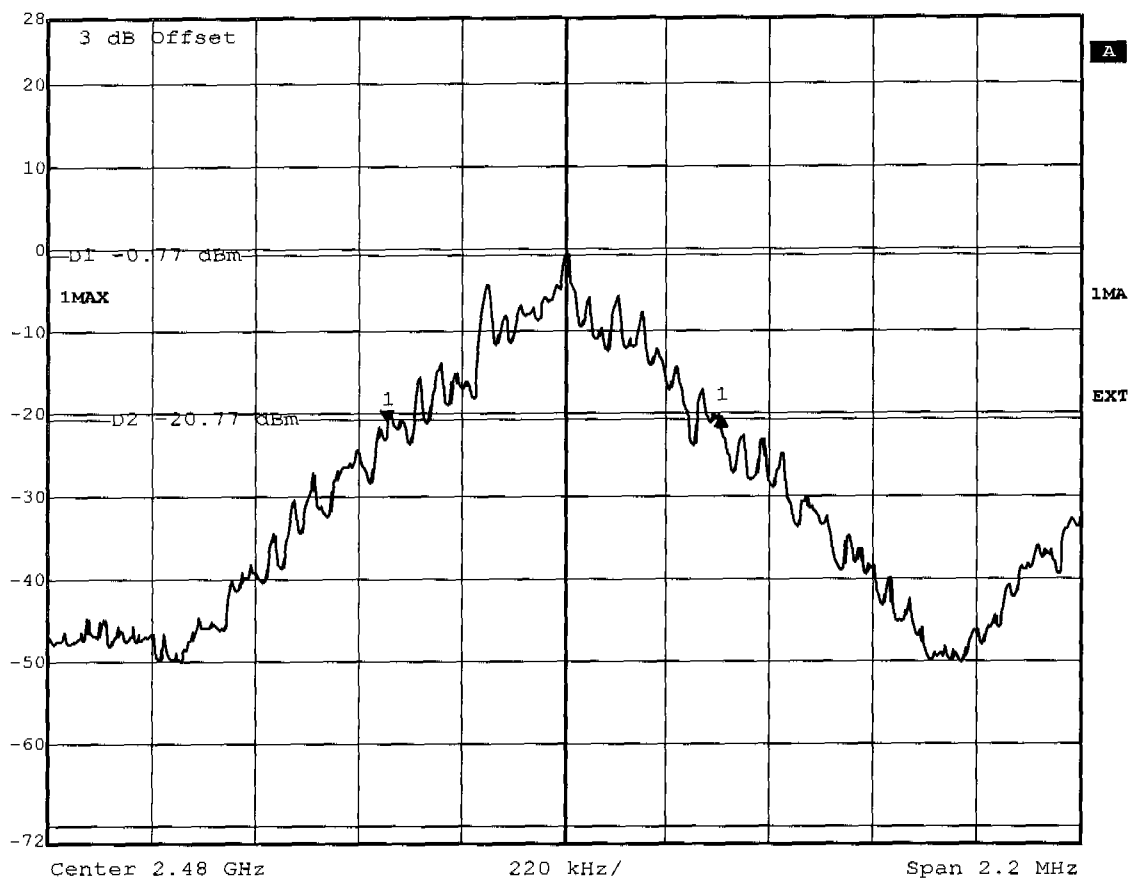
Delta 1 [T1] RBW 10 kHz RF Att 50 dB
Ref Lvl -0.09 dB VBW 10 kHz
28 dBm 718.63727455 kHz SWT 56 ms Unit dBm



Title: -20dB Bandwidth Ch.: 39
Comment A: HS820
Date: 4.MAR.2004 21:14:58



Delta 1 [T1] RBW 10 kHz RF Att 50 dB
Ref Lvl 0.53 dB VBW 10 kHz
28 dBm 714.22845691 kHz SWT 56 ms Unit dBm



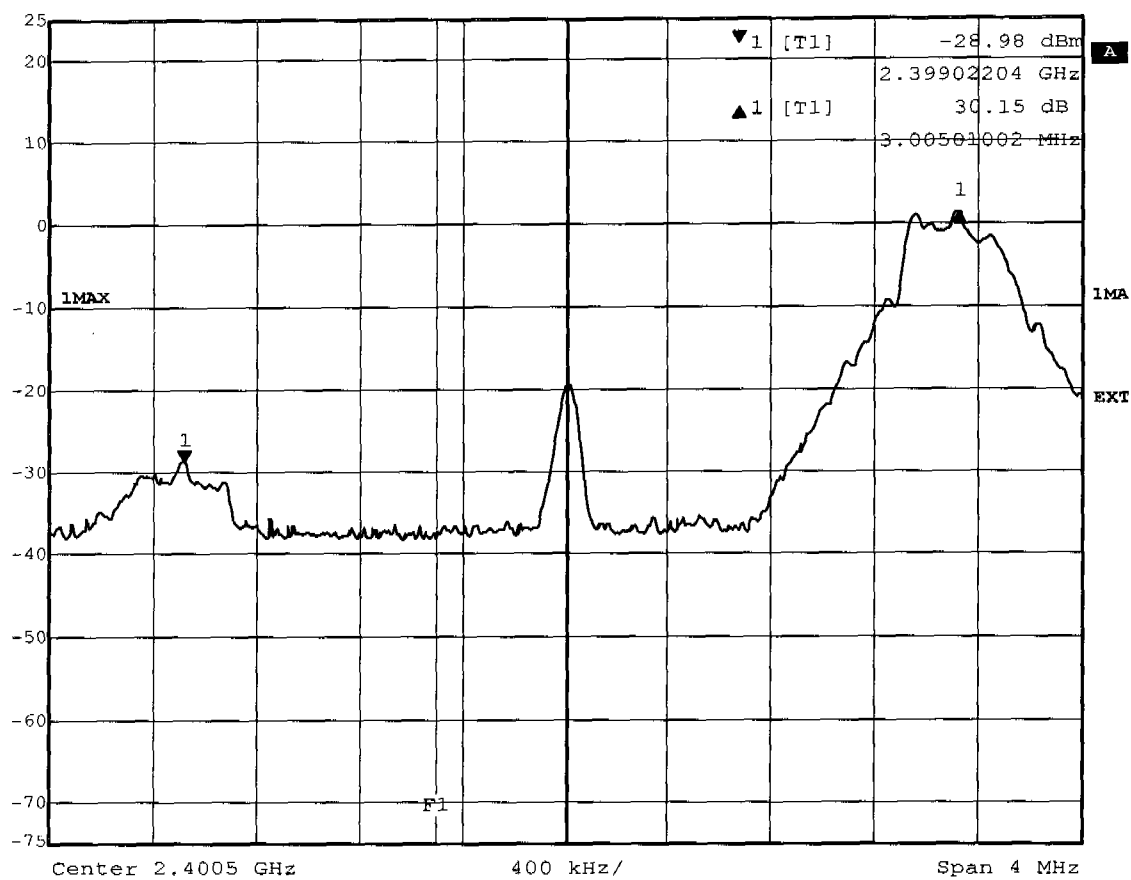
Title: -20dB Bandwidth Ch.: 78
Comment A: HS820
Date: 4.MAR.2004 21:10:56

Appendix I

Band-edge Compliance of RF Emissions



Delta 1 [T1] RBW 50 kHz RF Att 50 dB
Ref Lvl 30.15 dB VBW 50 kHz
25 dBm 3.00501002 MHz SWT 5 ms Unit dBm



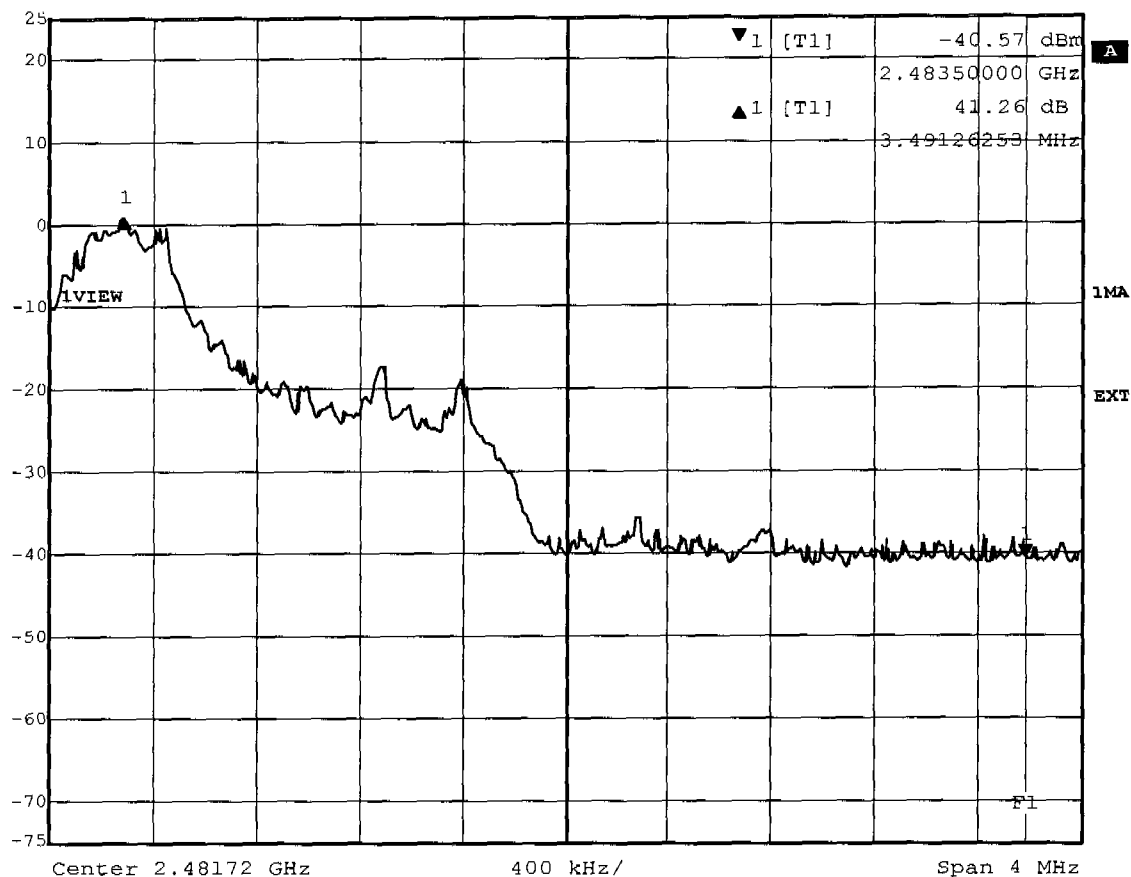
Title: Band-edge Compliance (conducted, single frequency)

Comment A: HS820

Date: 5.MAR.2004 07:51:33



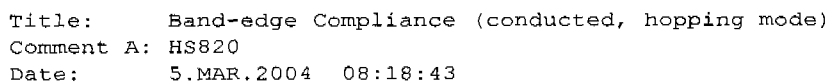
Delta 1 [T1] RBW 50 kHz RF Att 50 dB
Ref Lvl 41.26 dB VBW 50 kHz
25 dBm -3.49126253 MHz SWT 5 ms Unit dBm



Title: Band-edge Compliance (conducted, single frequency)

Comment A: HS820

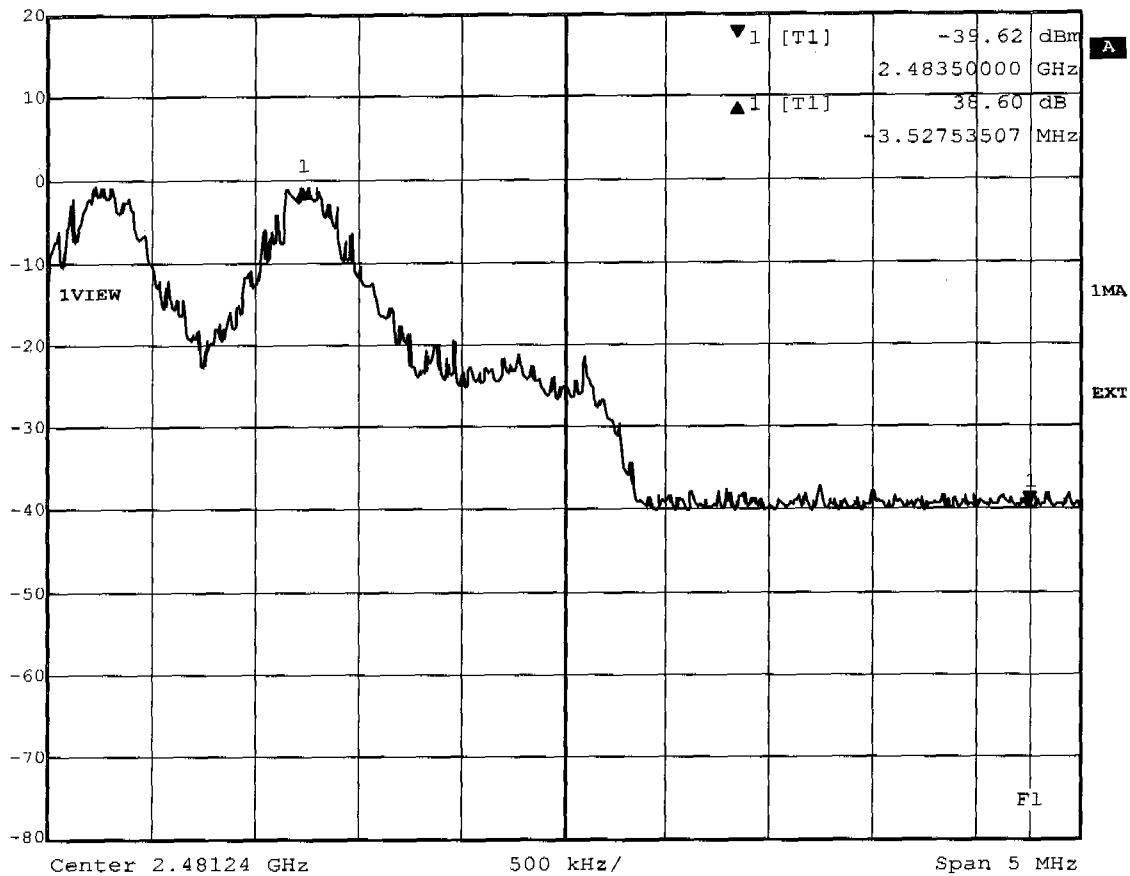
Date: 4.MAR.2004 09:50:13



Title: Band-edge Compliance (conducted, hopping mode)
Comment A: HS820
Date: 5.MAR.2004 08:18:43



Delta 1 [T1] RBW 50 kHz RF Att 50 dB
Ref Lvl 38.60 dB VBW 50 kHz
20 dBm -3.52753507 MHz SWT 5 ms Unit dBm



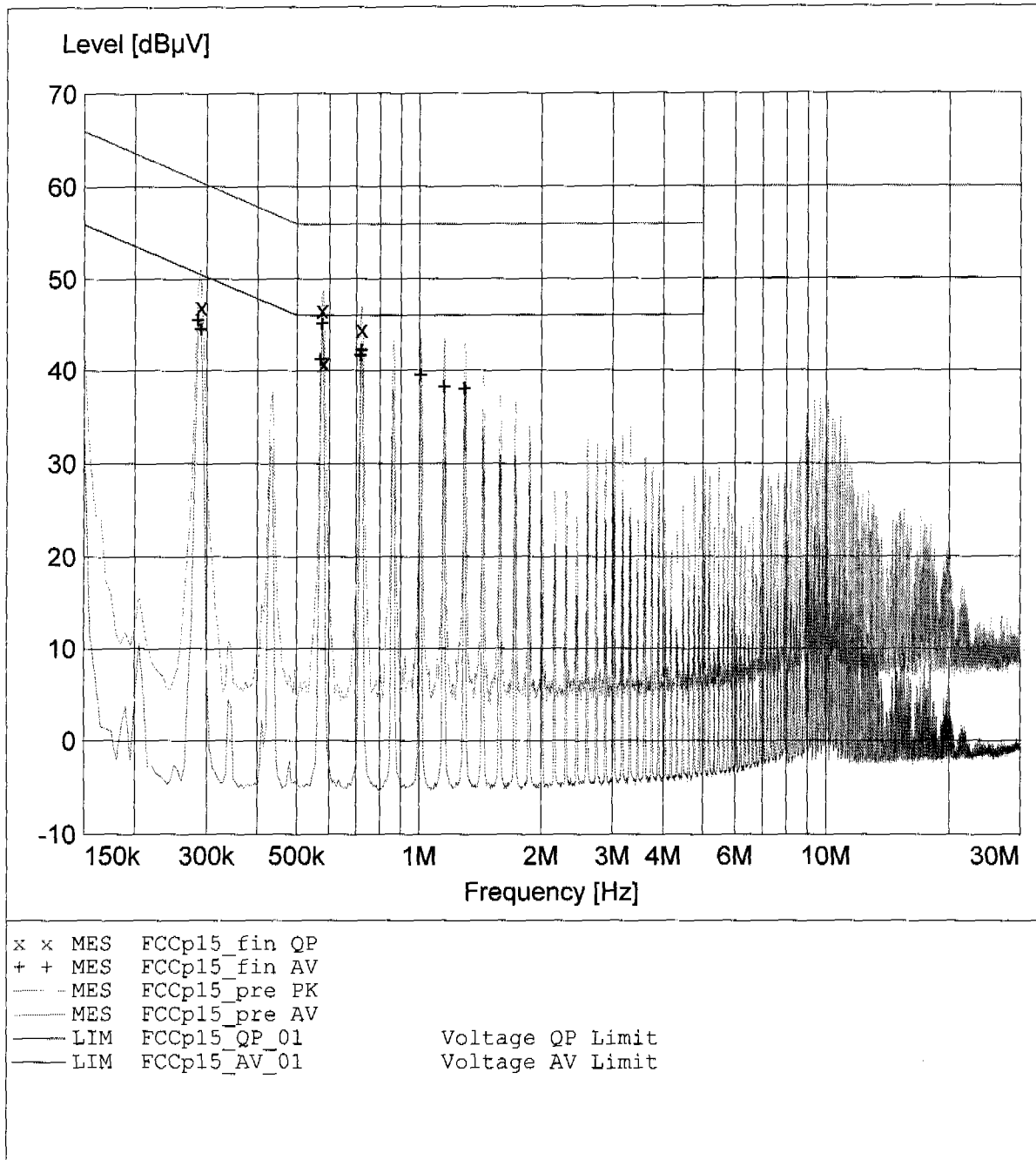
Title: Band-edge Compliance (conducted, hopping mode)
Comment A: HS820
Date: 4.MAR.2004 09:59:16

Appendix J

Conducted Measurement at (AC) Power Line

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

EUT: BLUETOOTH HEADSET HS820
Manufacturer: GN NETCOM
Operating Condition: Unom: 120 V AC (AC / DC -adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: HS820 mode: CHARGING
charger: PSM5037B



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

EUT: BLUETOOTH HEADSET HS820
Manufacturer: GN NETCOM
Operating Condition: Unom: 120 V AC (AC / DC -adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: HS820 mode: CHARGING
charger: PSM5037B

