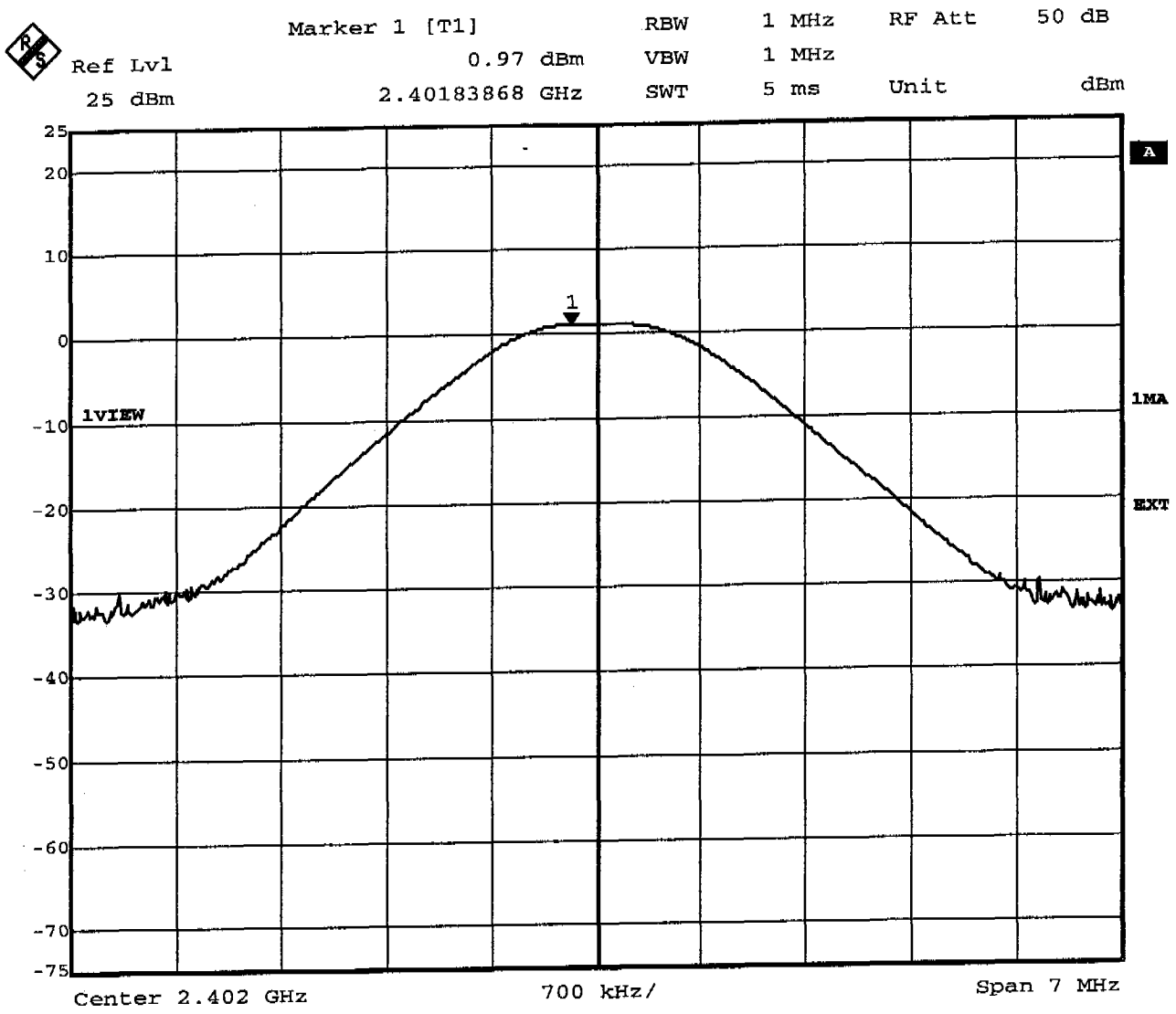
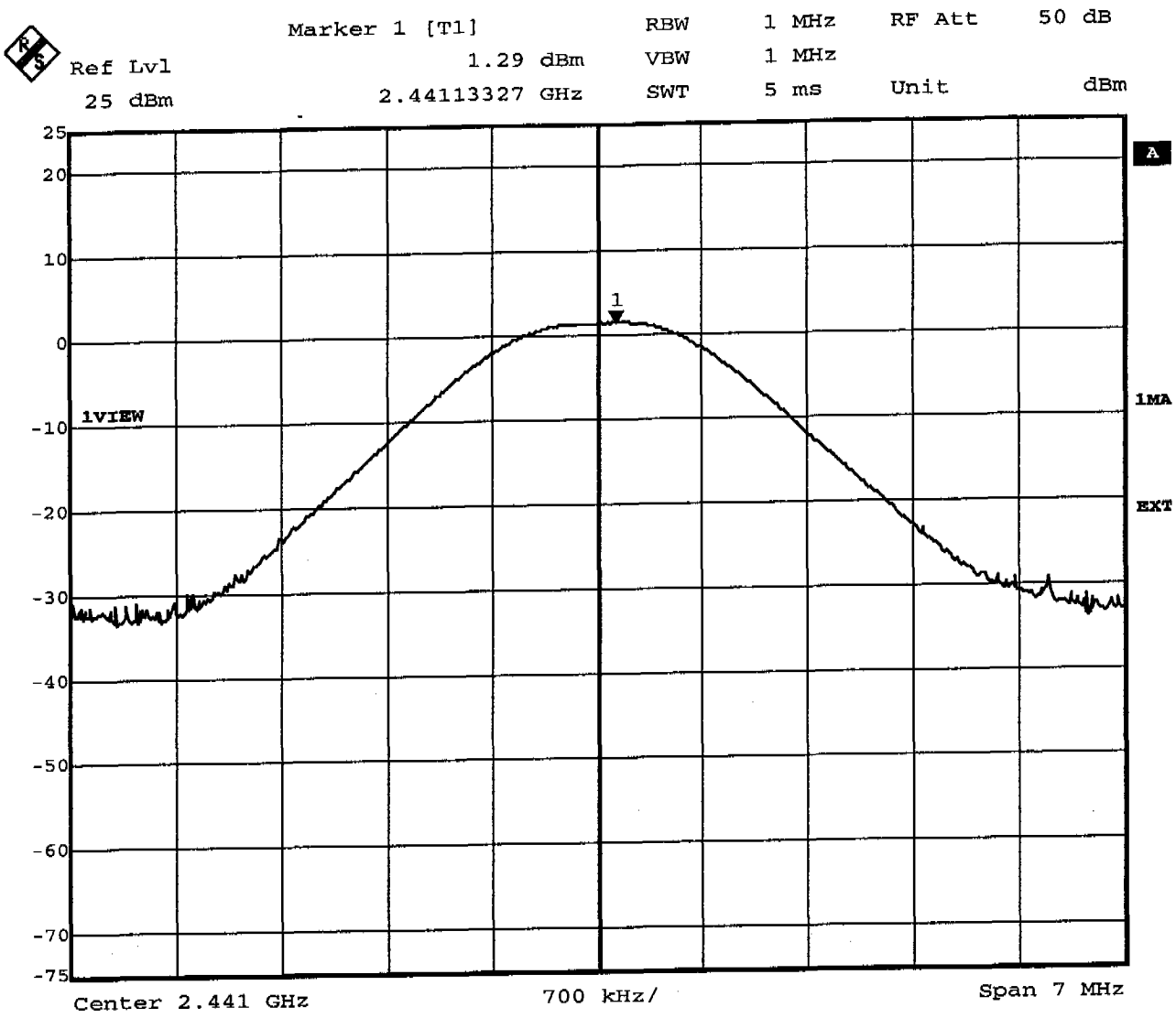
Appendix B

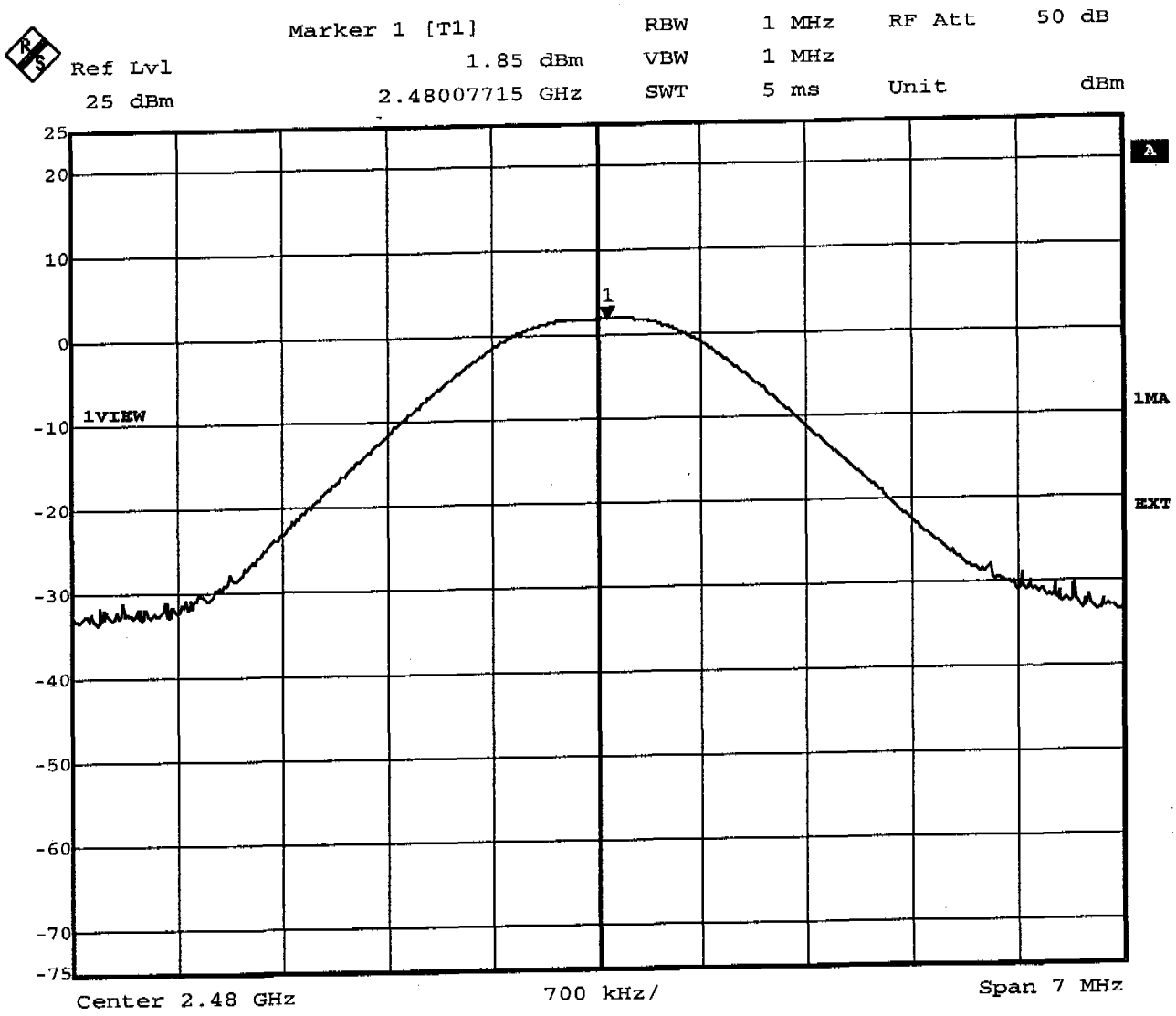
Peak Output Power



Title: Peak Output Power conducted Ch.: 0
Comment A: GN6110CU
Date: 30.OCT.2003 08:31:46



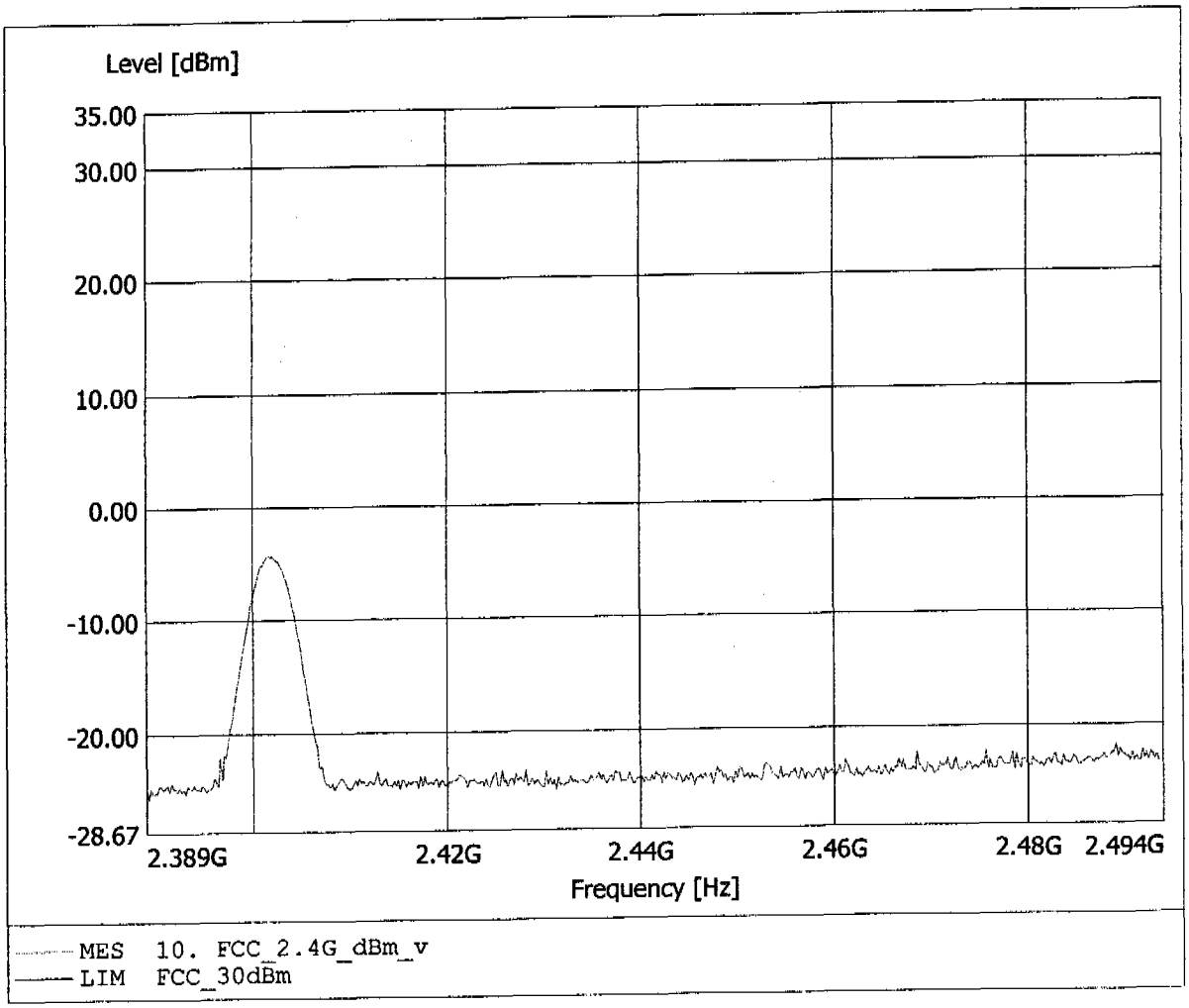
Title: Peak Output Power conducted Ch.: 39
Comment A: GN6110CU
Date: 30.OCT.2003 08:32:53



Title: Peak Output Power conducted Ch.: 78
Comment A: GN6110CU
Date: 30.OCT.2003 08:33:49

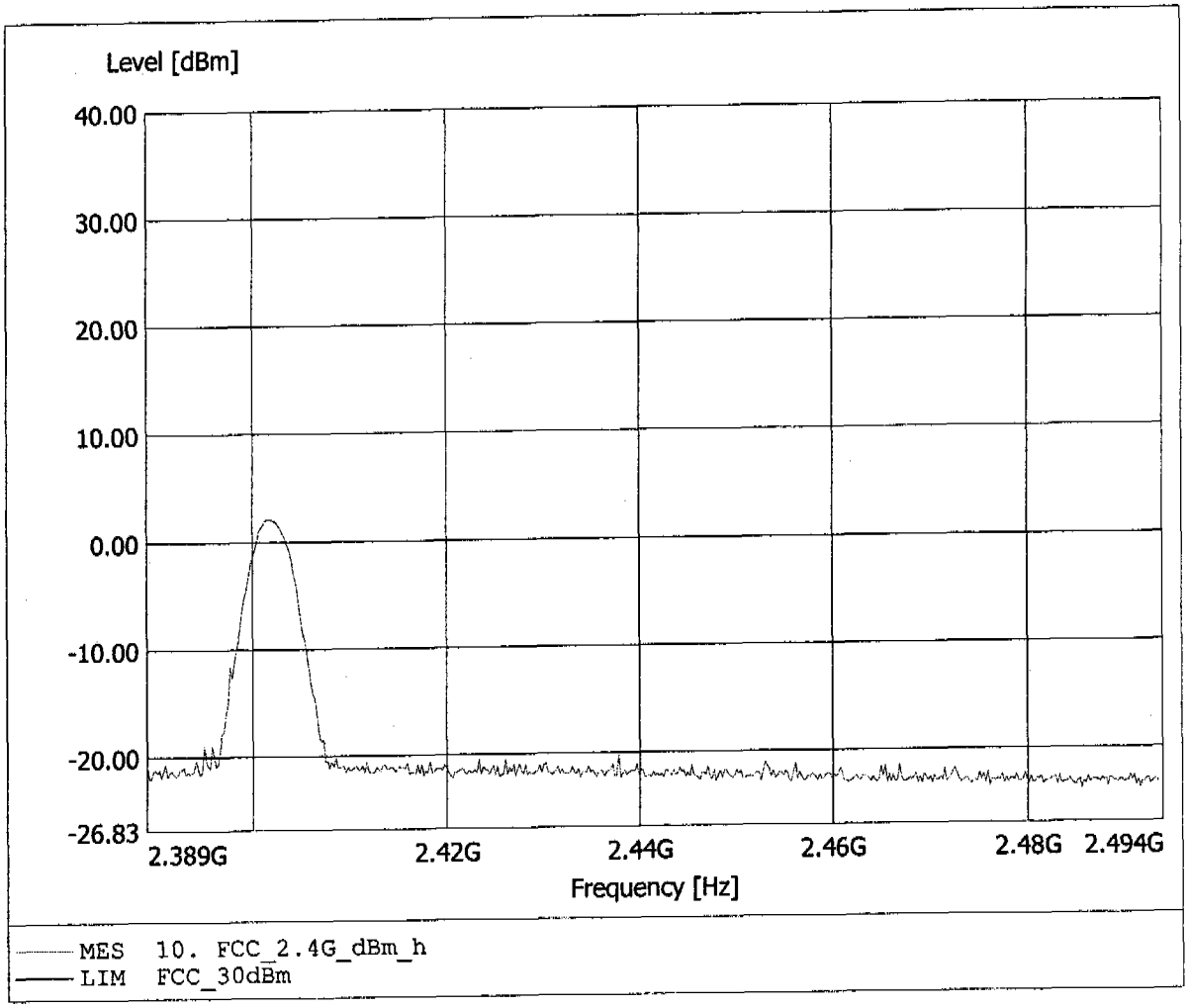
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D
Comment 2:	Freq: 2.402GHz, Pmax: -4.33dBm, RBW: 5MHz



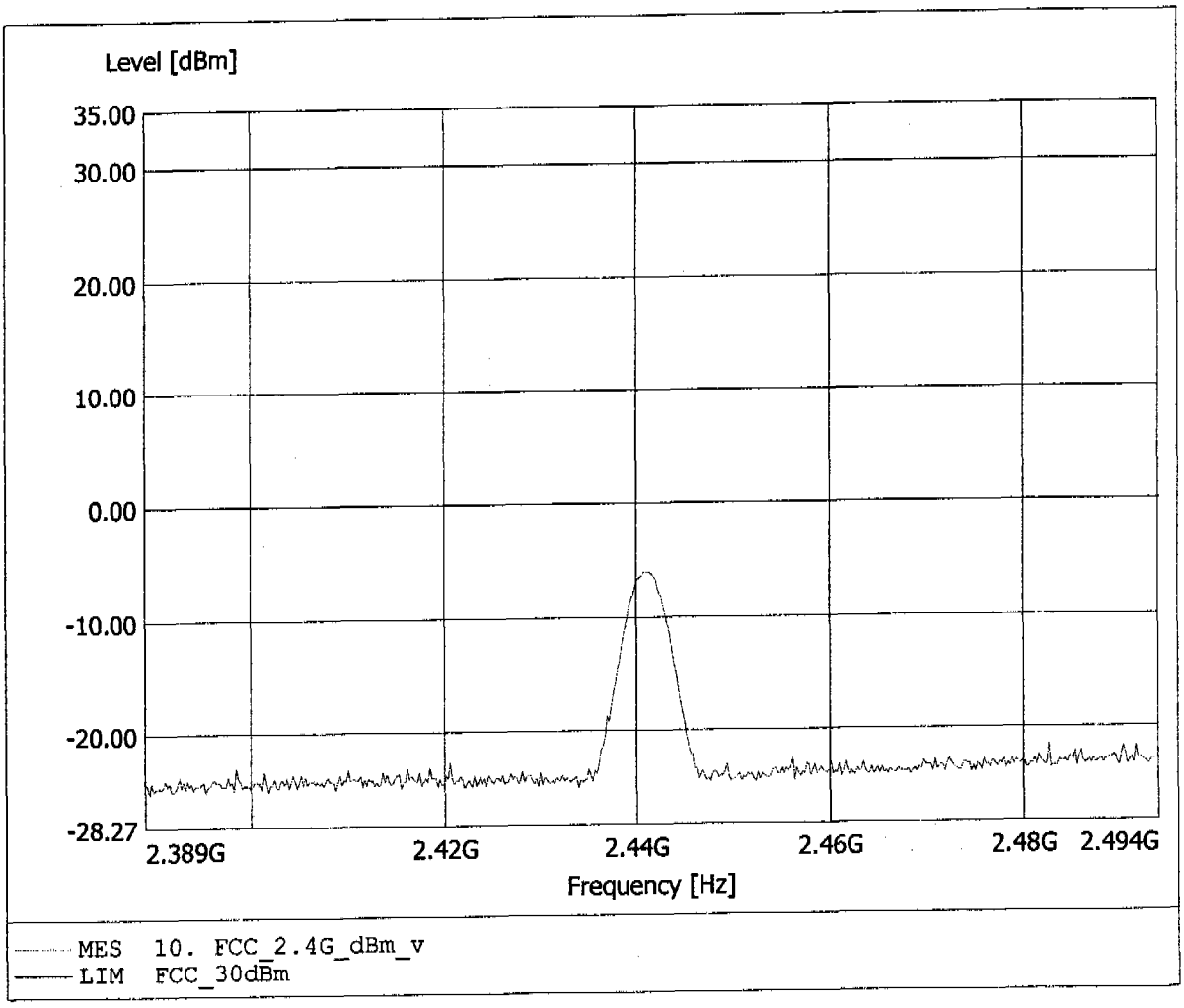
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D
Comment 2:	Freq: 2.402GHz, Pmax: 2.10dBm, RBW: 5MHz



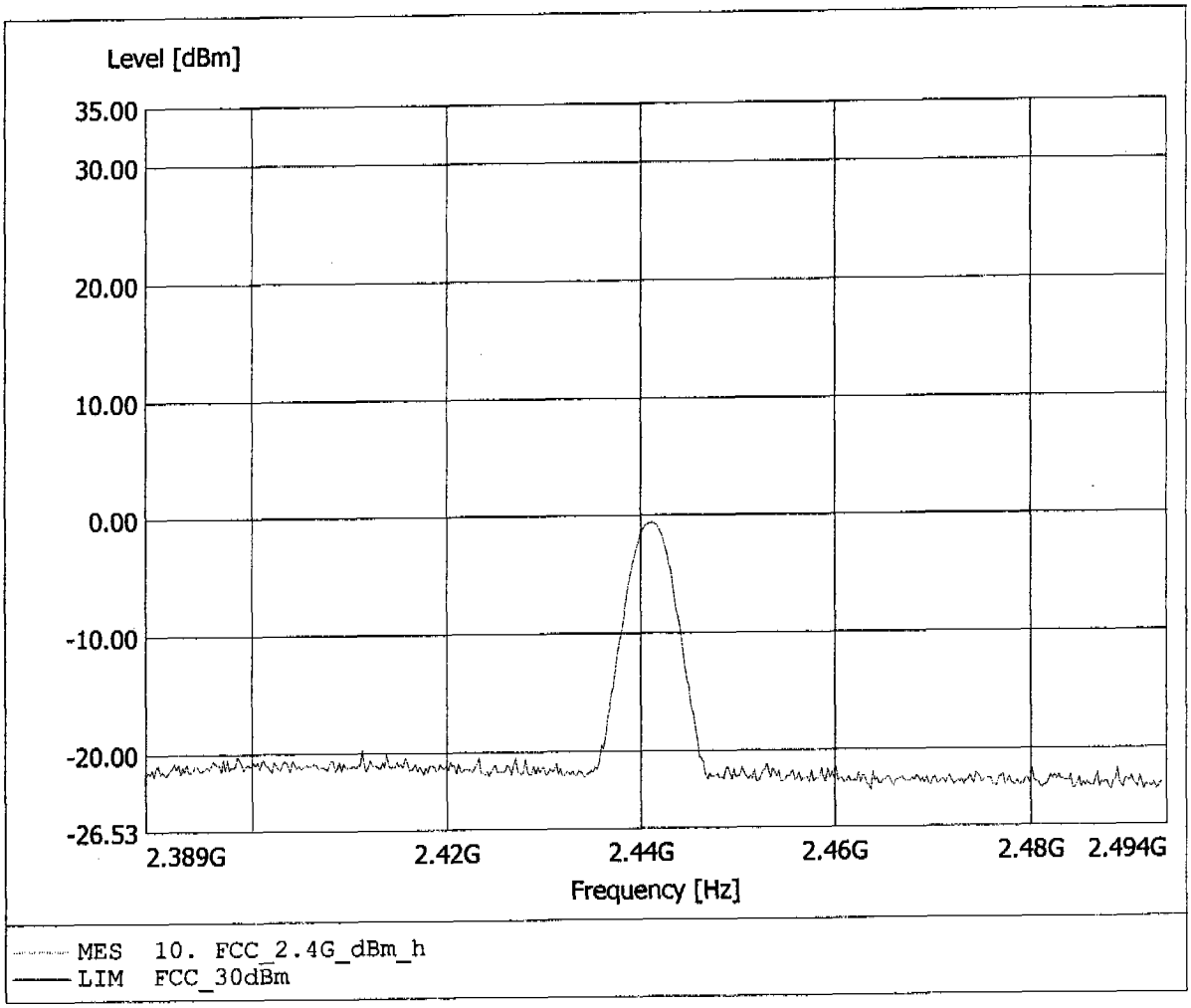
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D
Comment 2:	Freq: 2.441GHz, Pmax: -6.01dBm, RBW: 5MHz



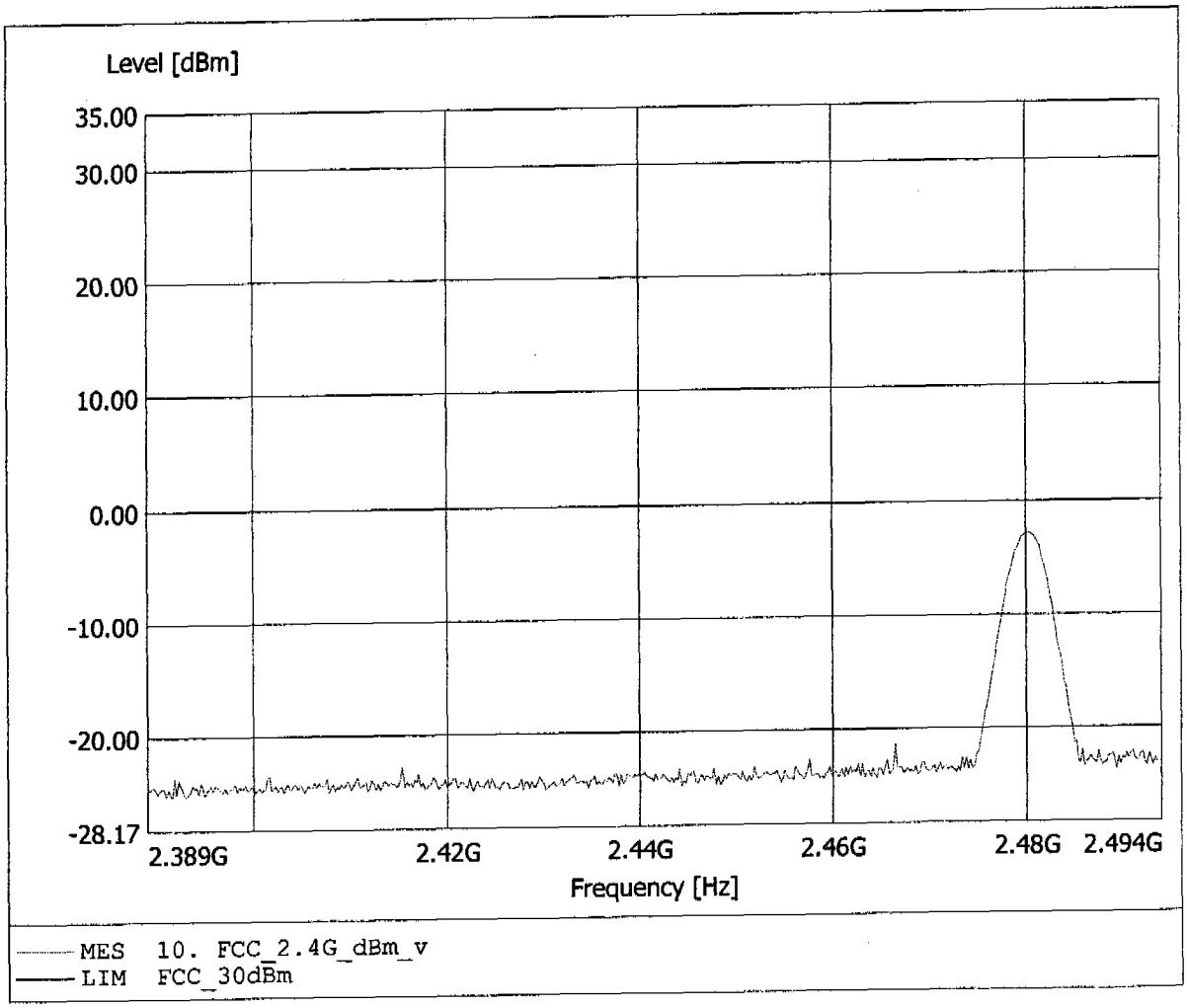
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D
Comment 2:	Freq: 2.441GHz, Pmax: -0.59dBm, RBW: 5MHz



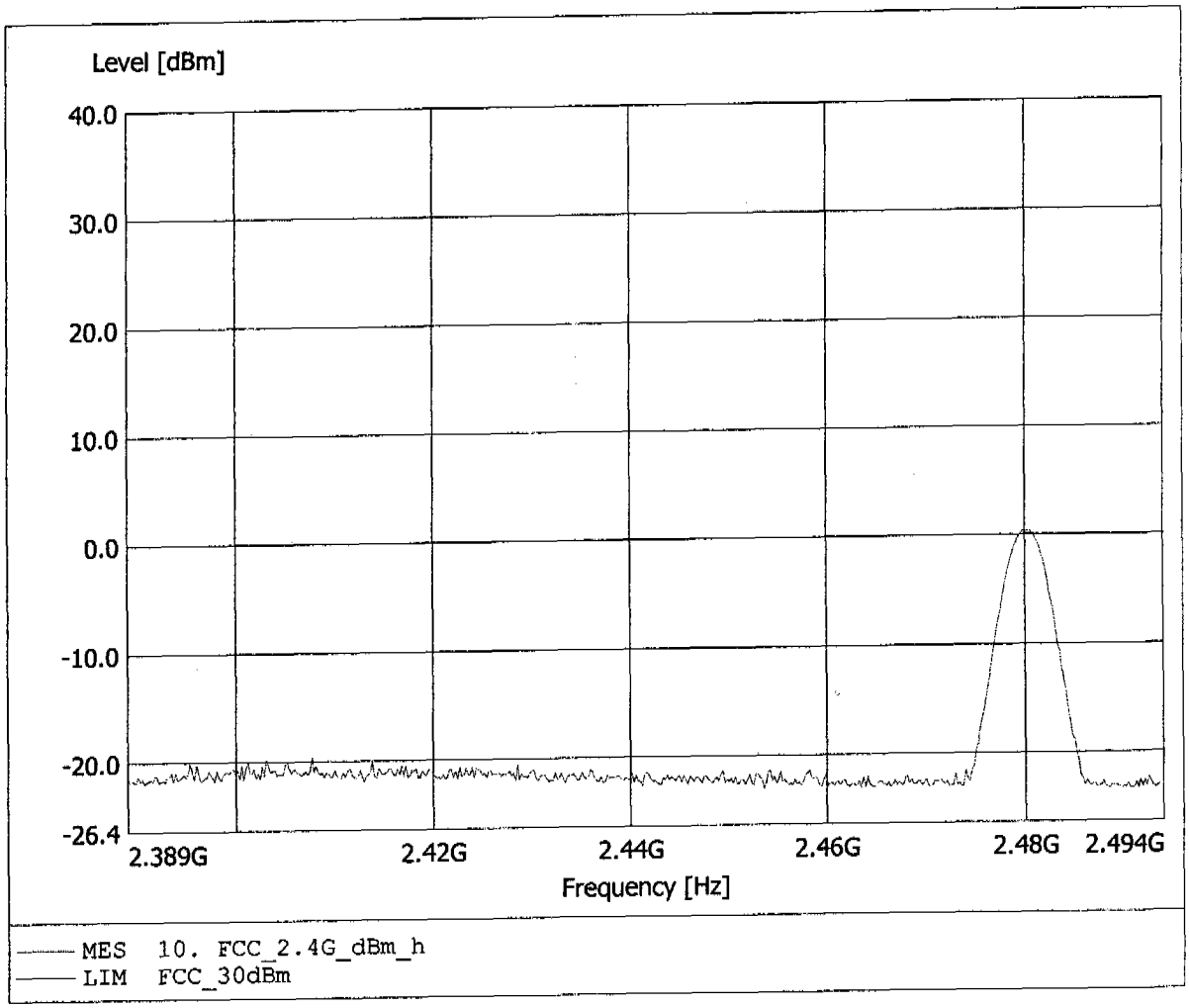
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D
Comment 2:	Freq: 2.480GHz, Pmax: -2.76dBm, RBW: 5MHz



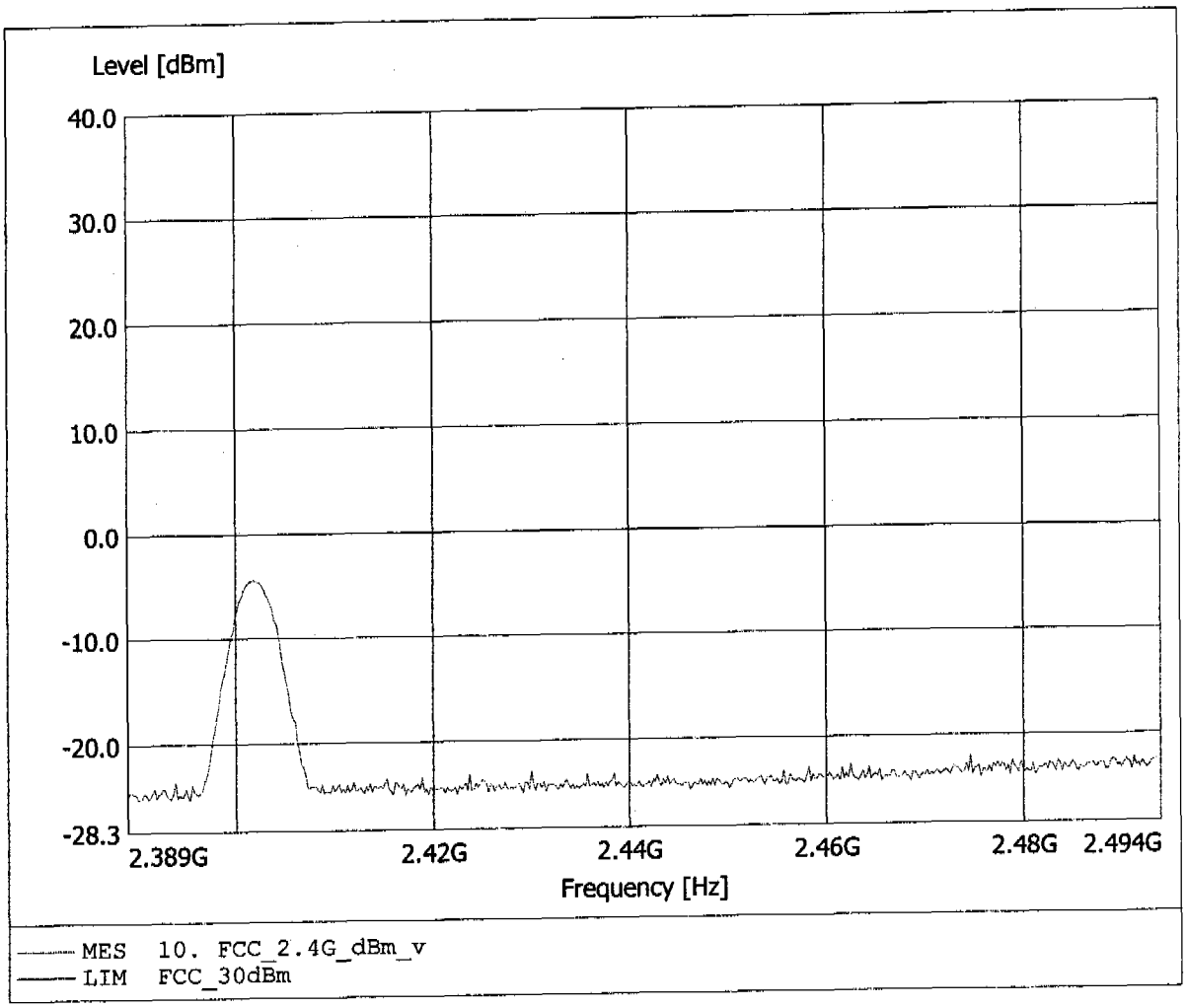
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D
Comment 2:	Freq: 2.480GHz, Pmax: 0.38dBm, RBW: 5MHz



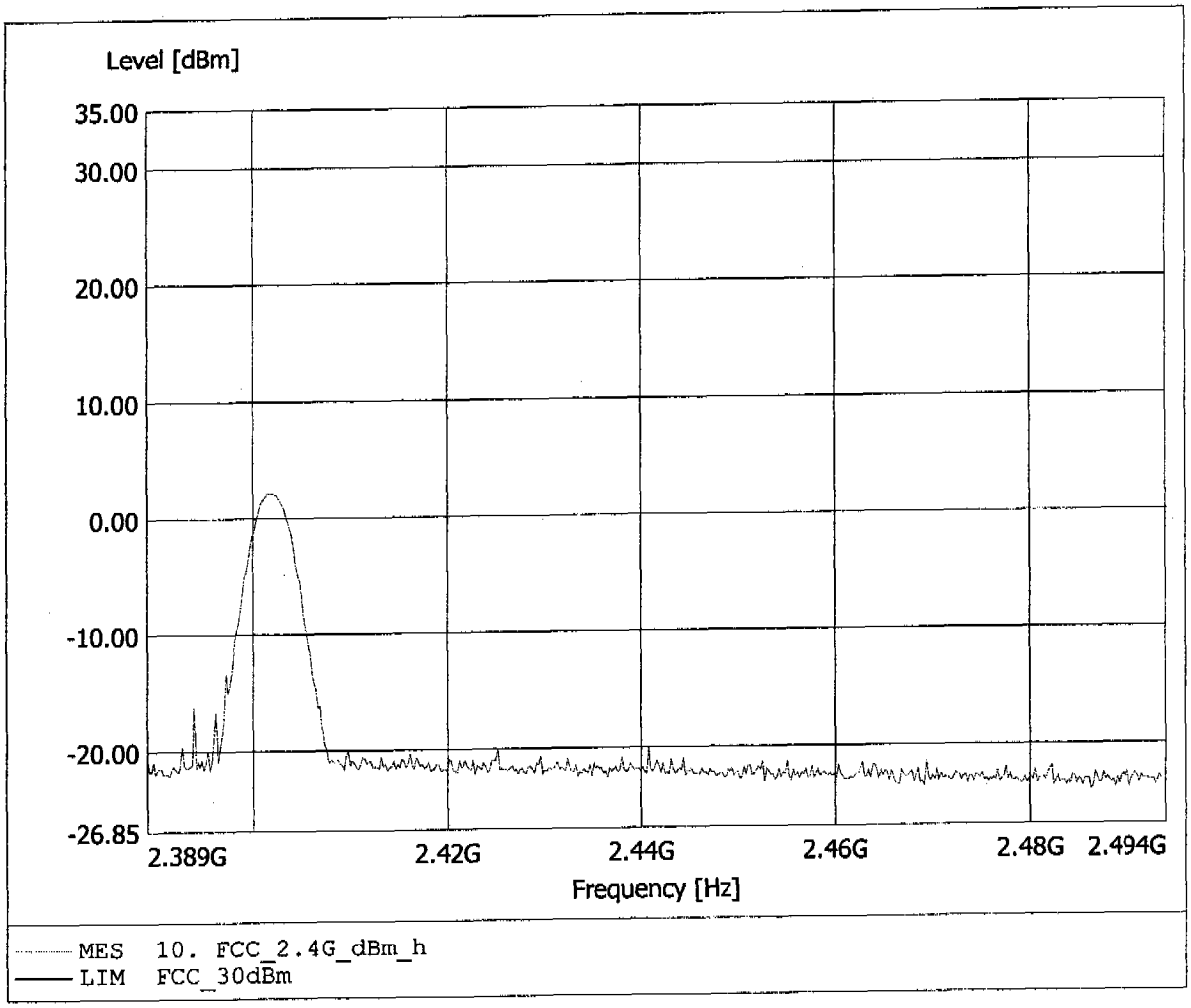
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V +15% AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D
Comment 2:	Freq: 2.402GHz, Pmax: -4.40dBm, RBW: 5MHz



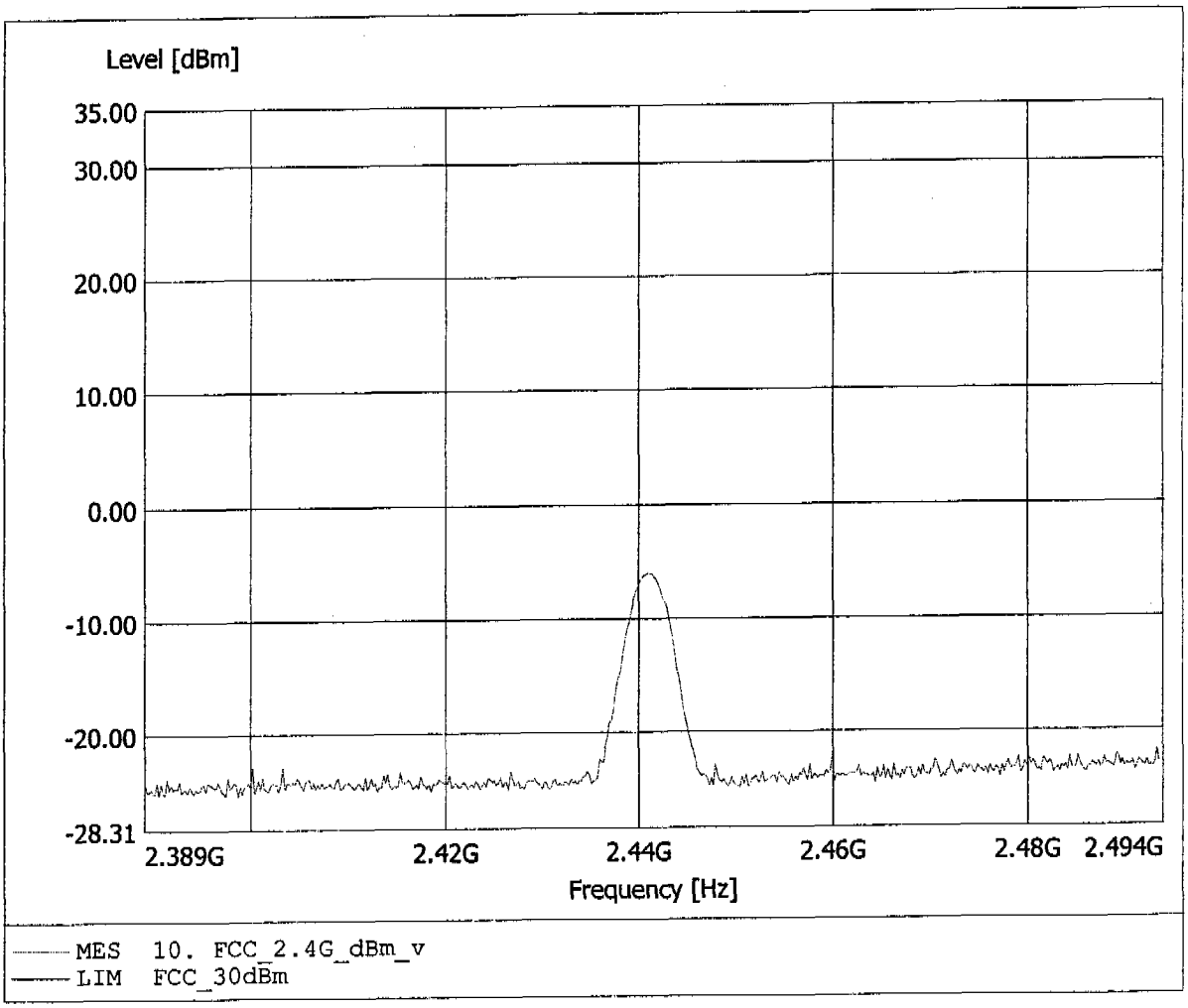
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V +15% AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D
Comment 2:	Freq: 2.402GHz, Pmax: 2.16dBm, RBW: 5MHz



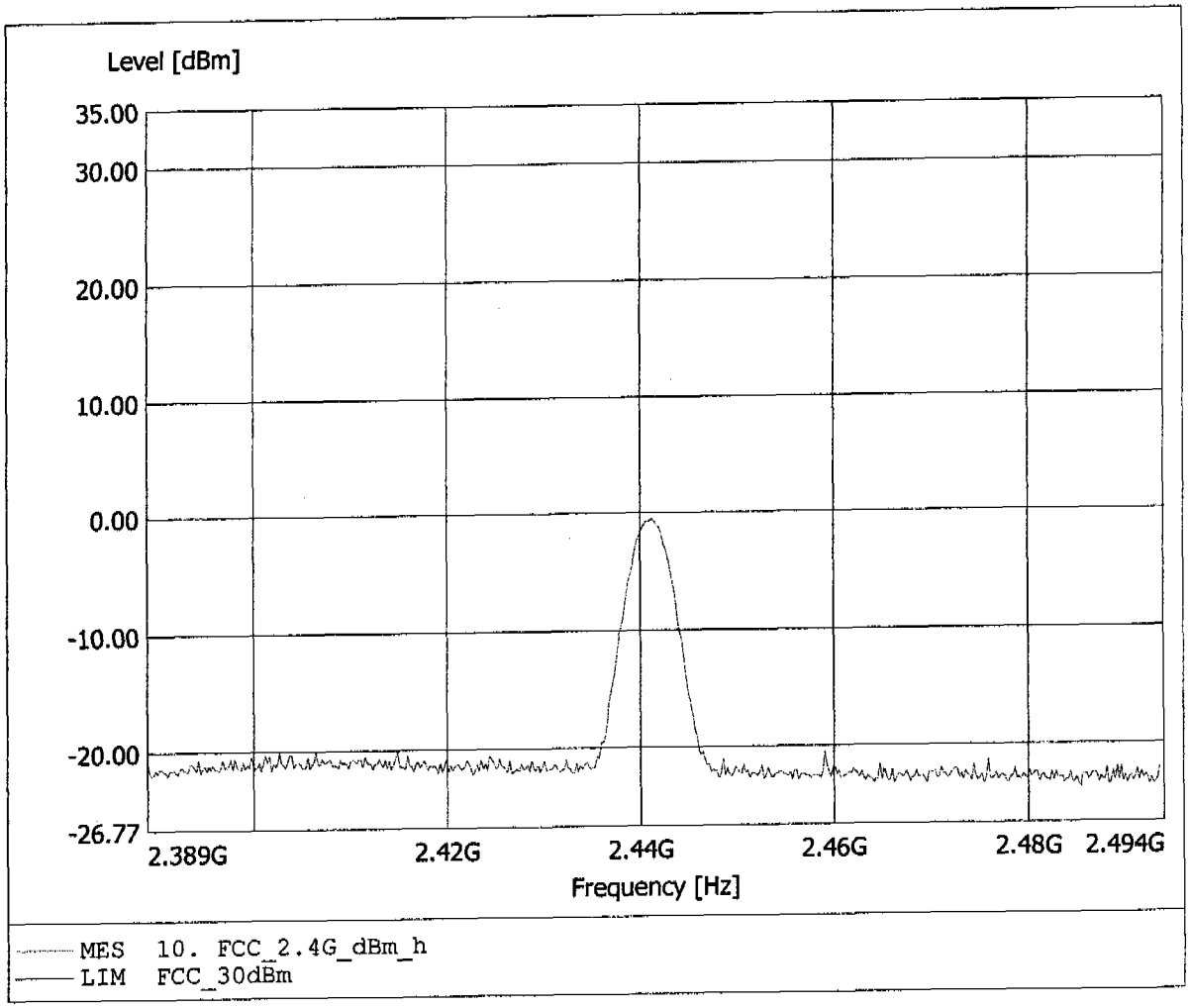
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V +15% AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D
Comment 2:	Freq: 2.441GHz, Pmax: -5.97dBm, RBW: 5MHz



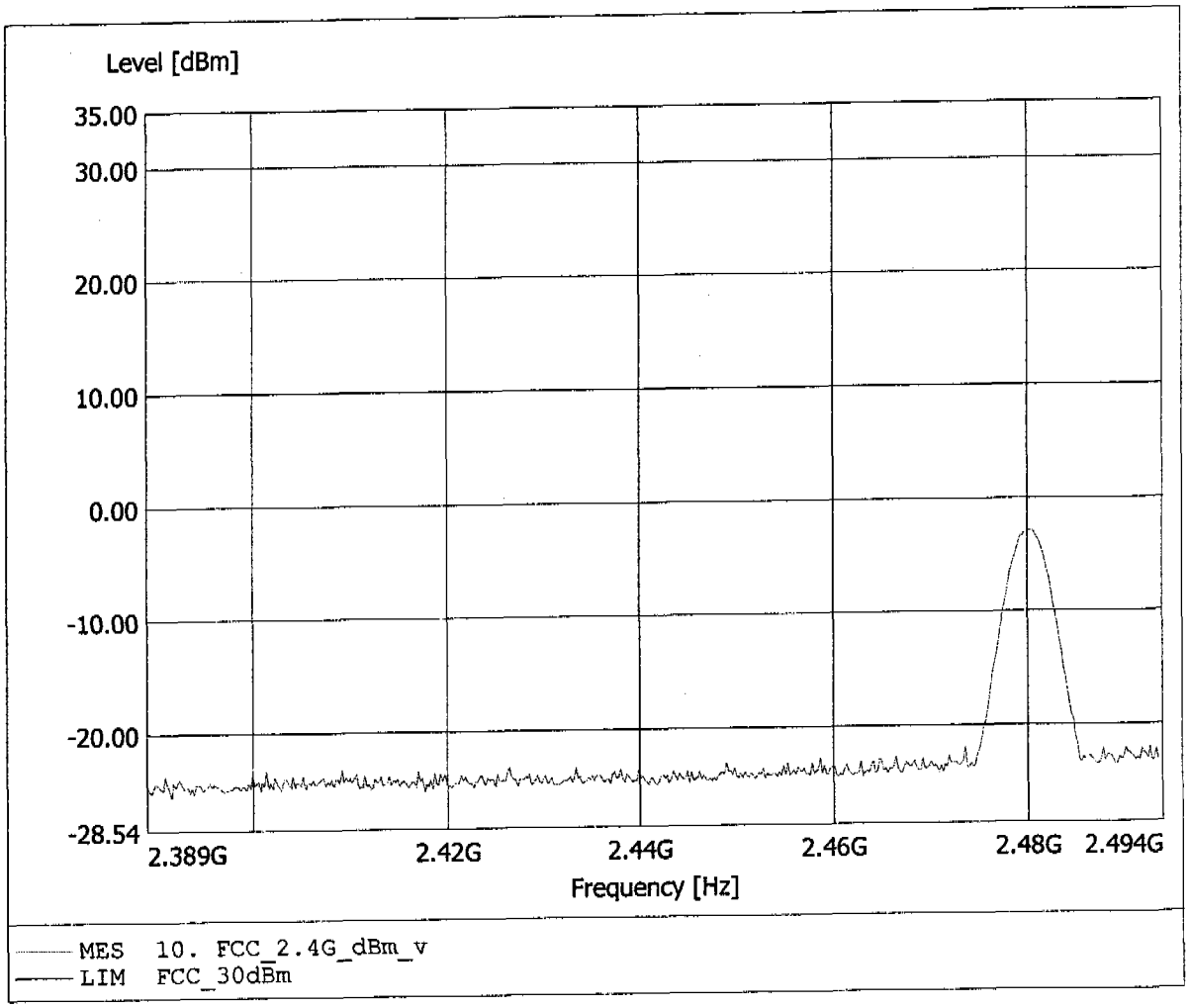
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V +15% AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D
Comment 2:	Freq: 2.441GHz, Pmax: -0.55dBm, RBW: 5MHz



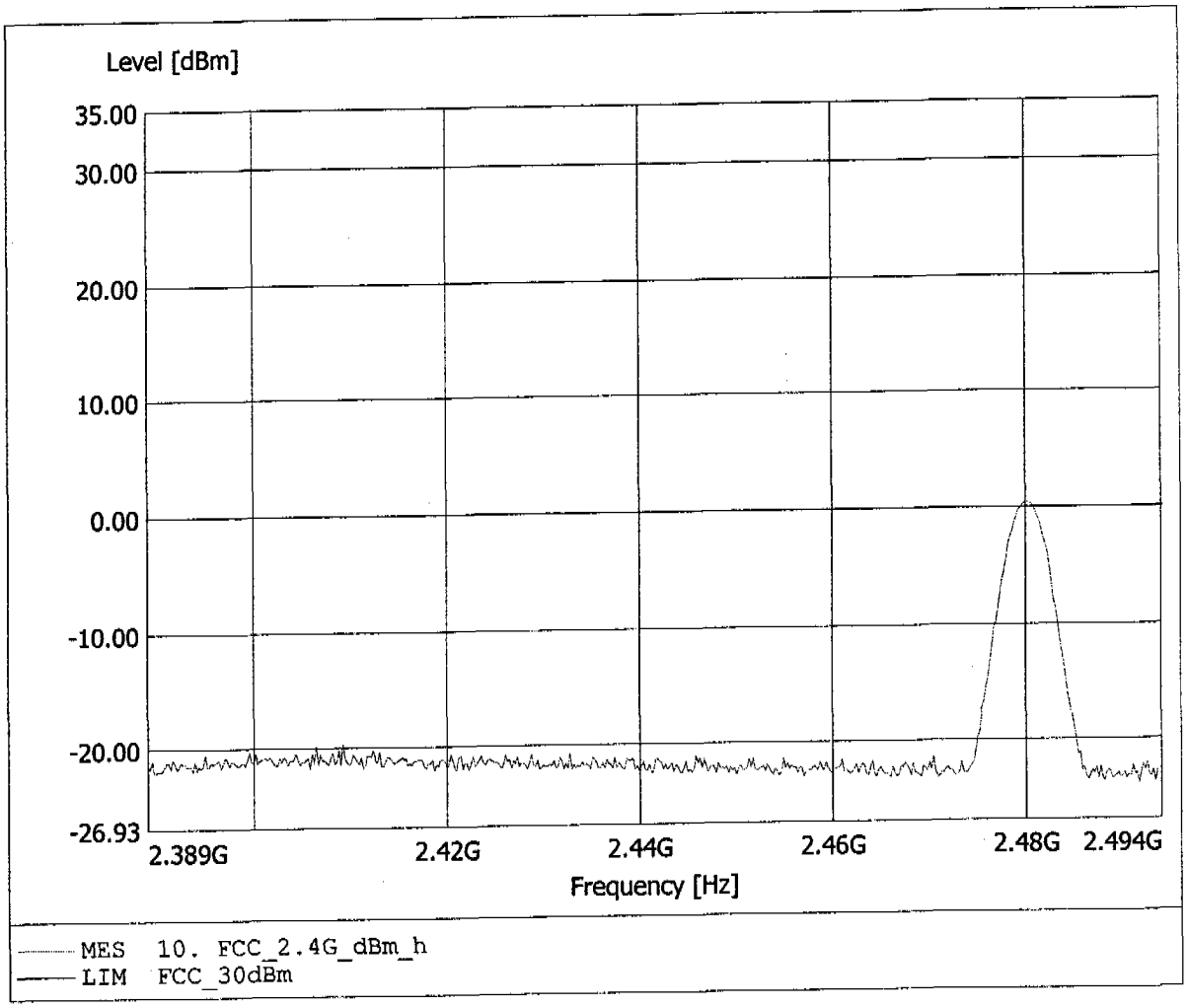
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V +15% AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D
Comment 2:	Freq: 2.481GHz, Pmax: -2.85dBm, RBW: 5MHz



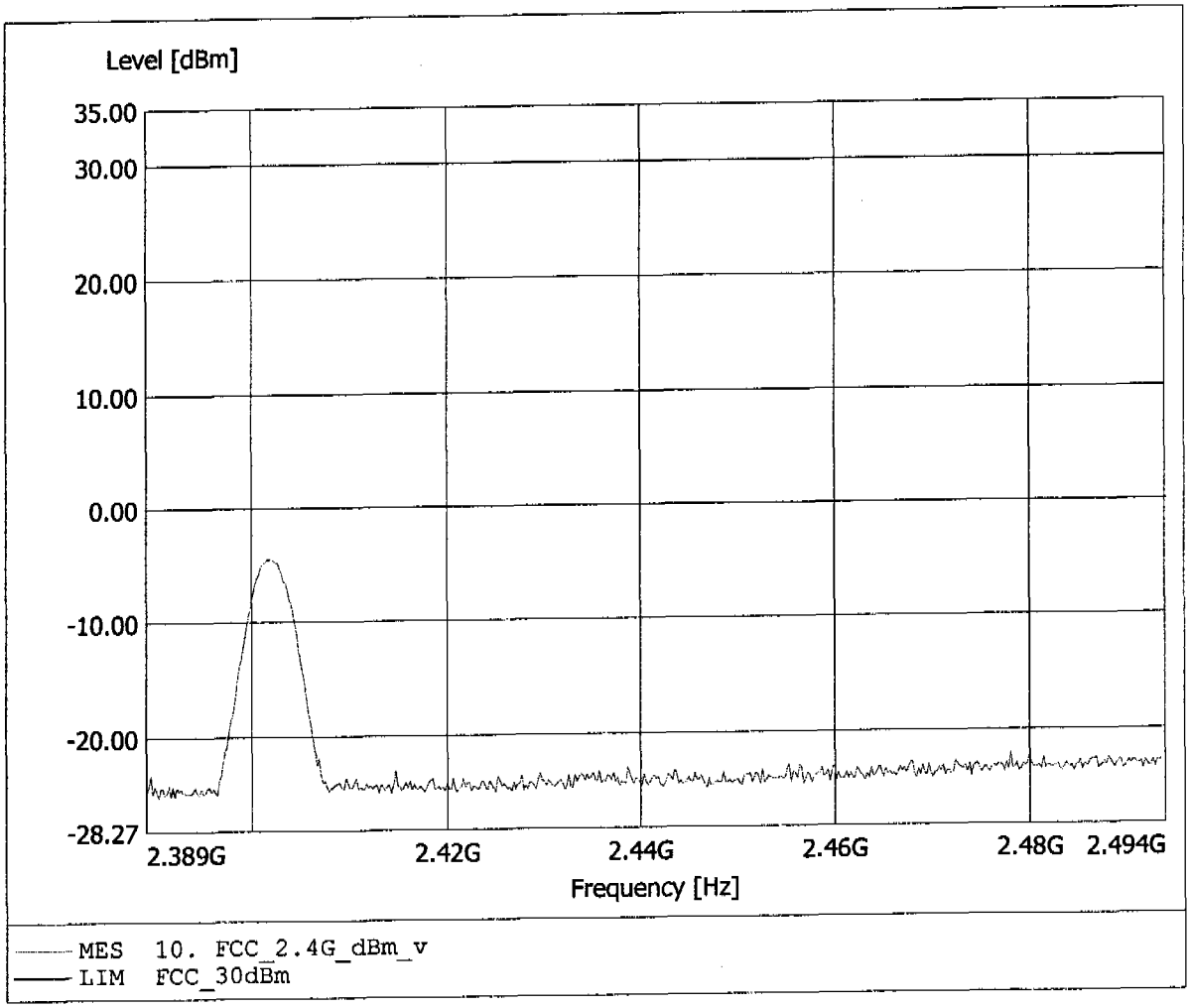
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V +15% AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D
Comment 2:	Freq: 2.480GHz, Pmax: 0.37dBm, RBW: 5MHz



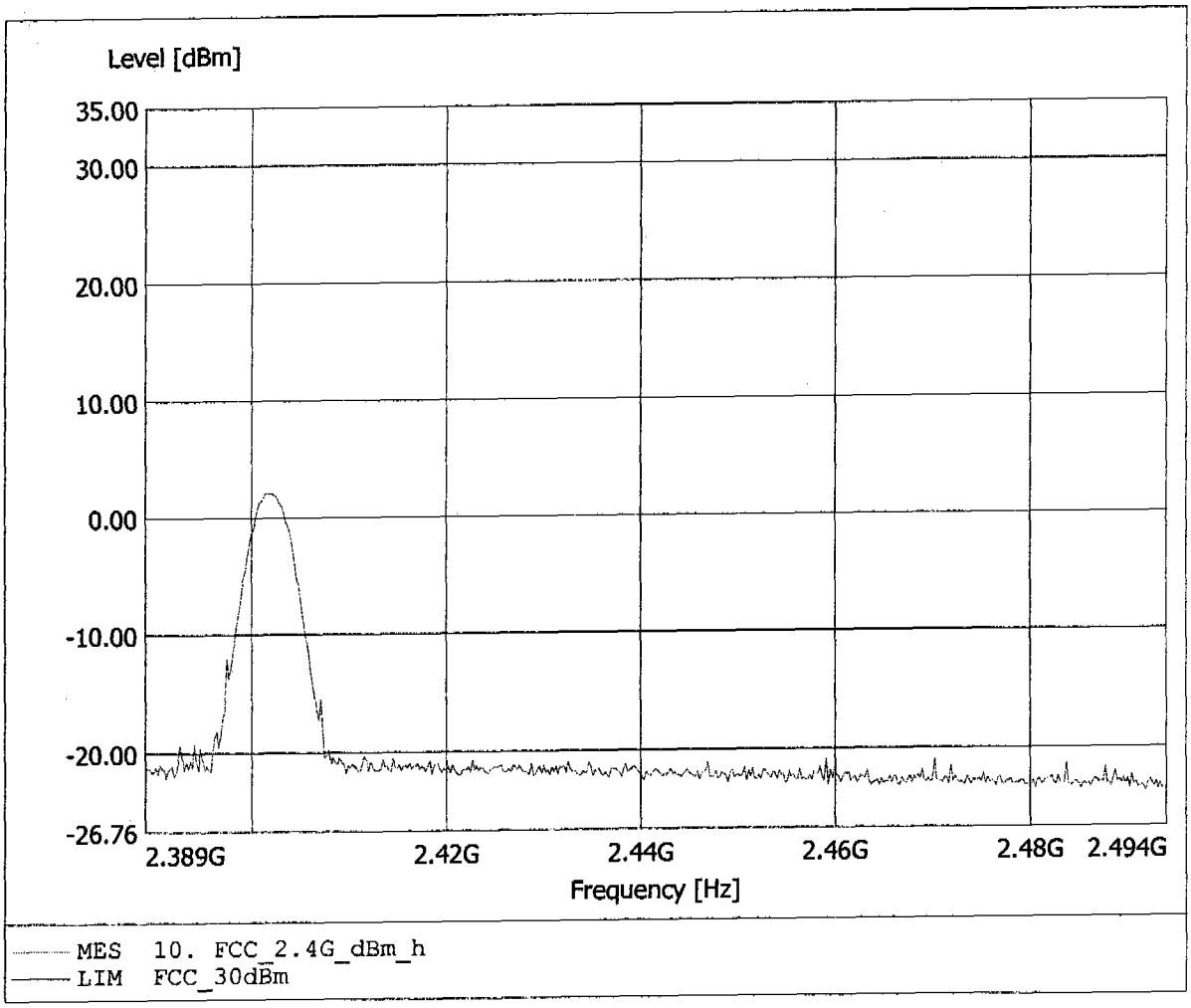
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V -15% AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D
Comment 2:	Freq: 2.402GHz, Pmax: -4.50dBm, RBW: 5MHz



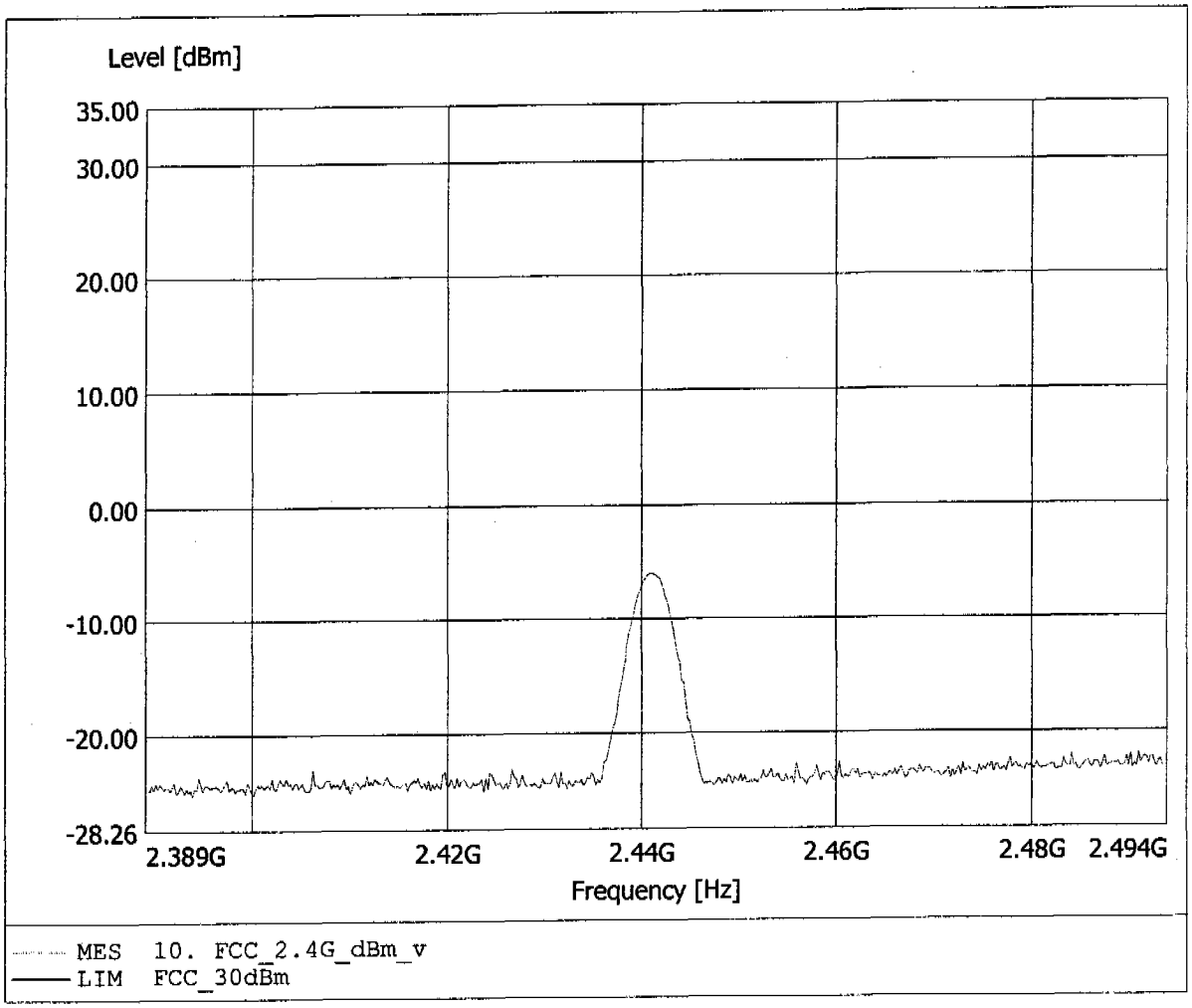
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V -15% AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D
Comment 2:	Freq: 2.402GHz, Pmax: 2.09dBm, RBW: 5MHz



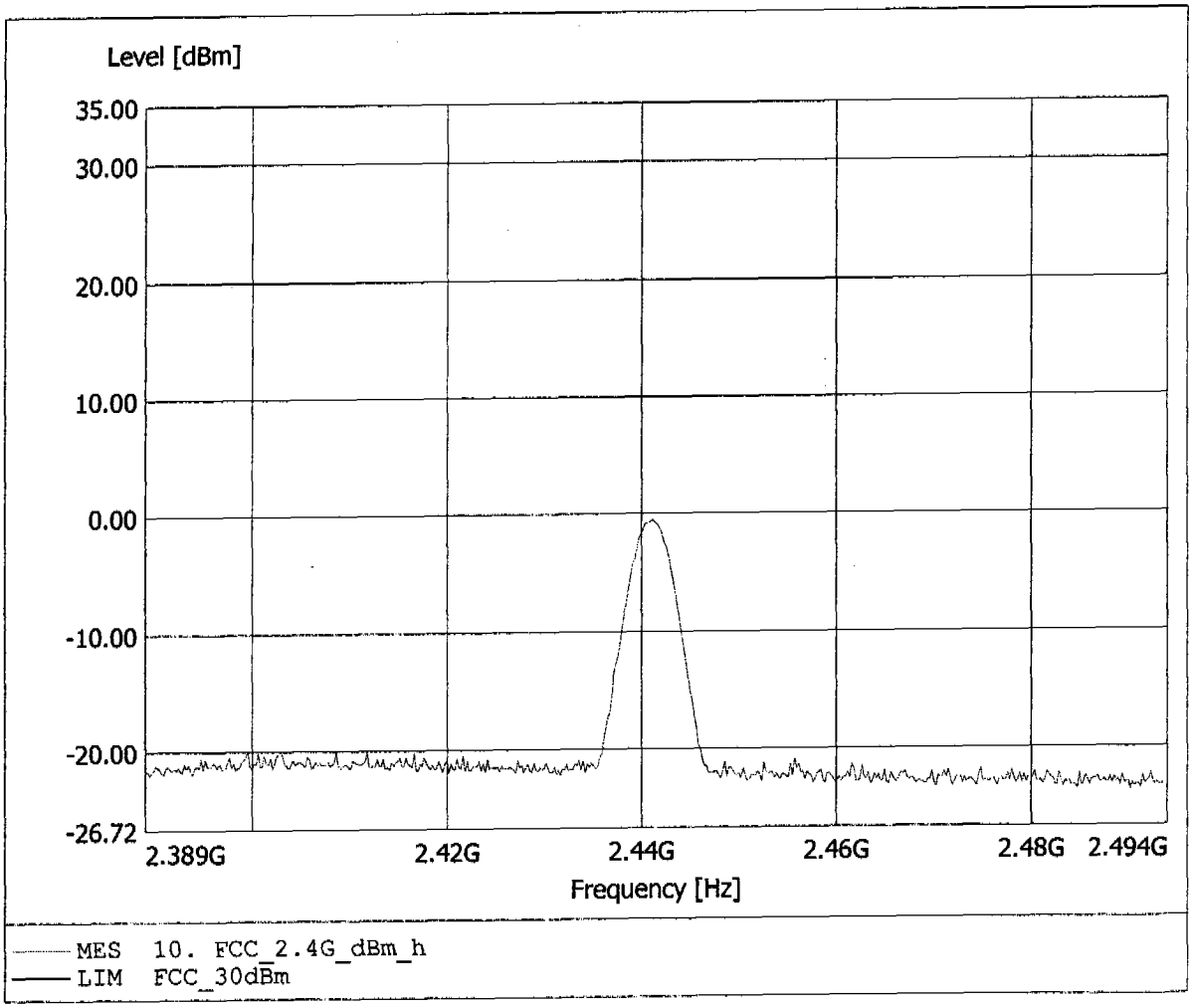
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V -15% AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D
Comment 2:	Freq: 2.441GHz, Pmax: -6.00dBm, RBW: 5MHz



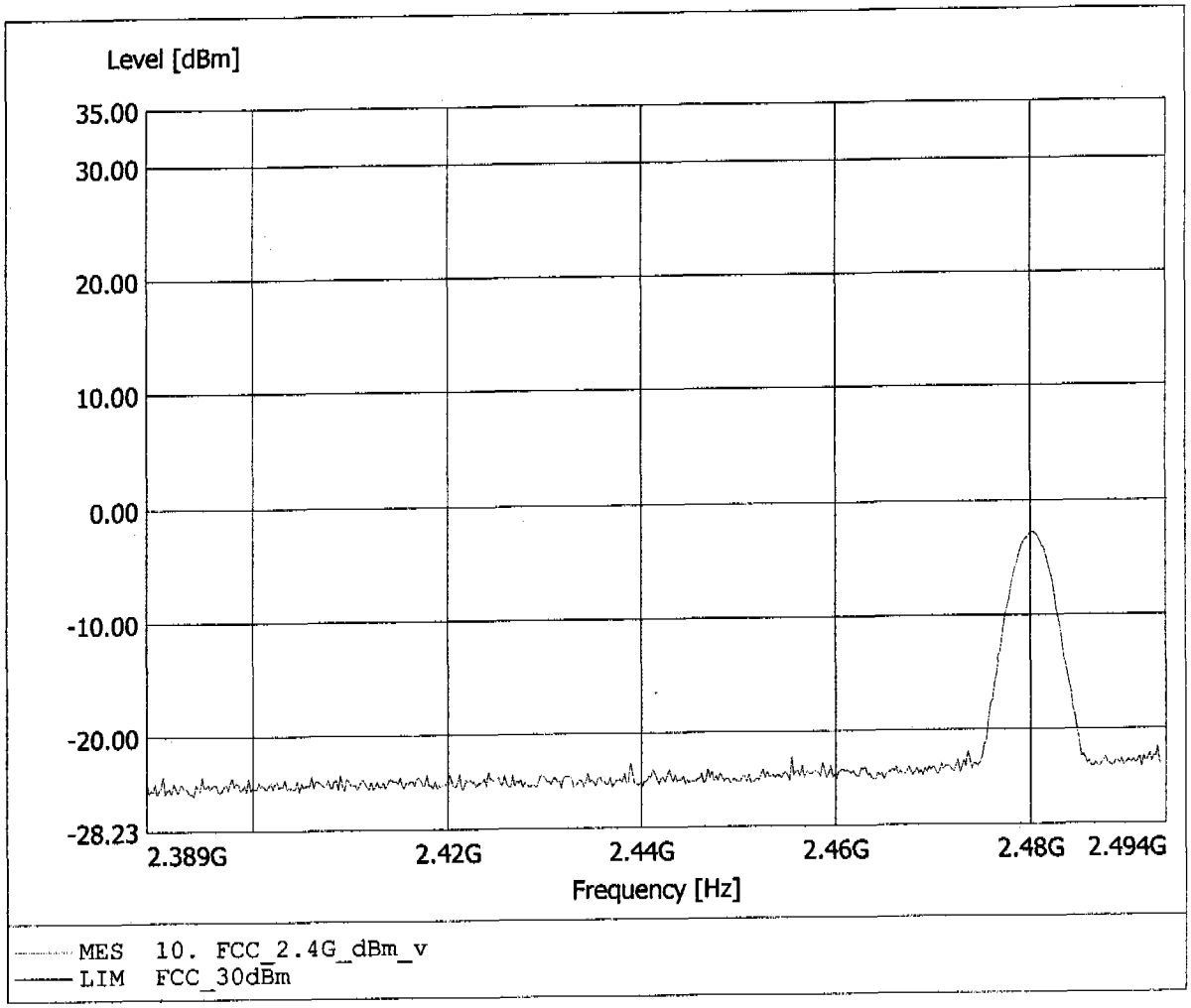
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V -15% AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D
Comment 2:	Freq: 2.441GHz, Pmax: -0.53dBm, RBW: 5MHz



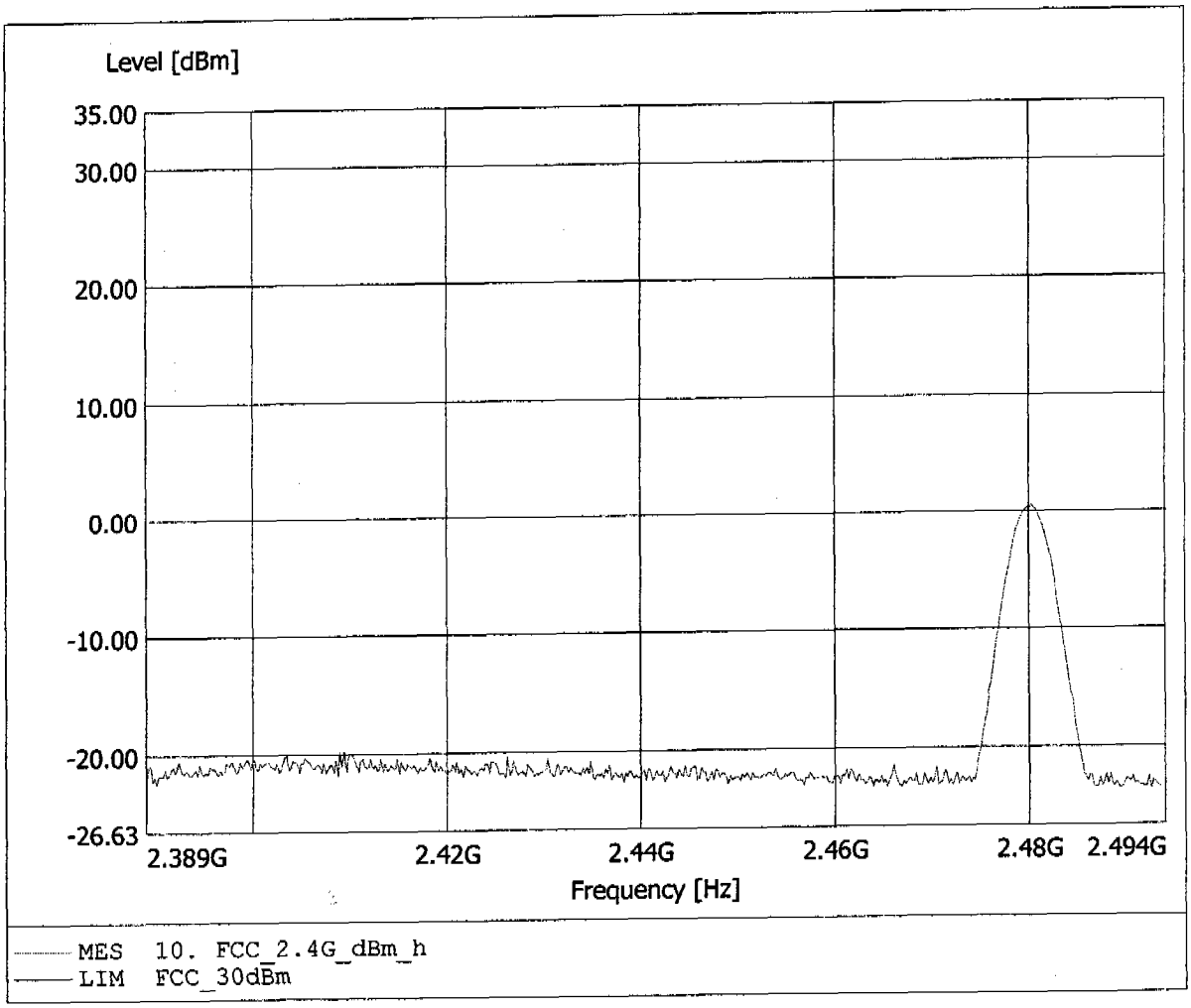
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V -15% AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D
Comment 2:	Freq: 2.480GHz, Pmax: -2.74dBm, RBW: 5MHz



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

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V -15% AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D .
Comment 2:	Freq: 2.480GHz, Pmax: 0.57dBm, RBW: 5MHz

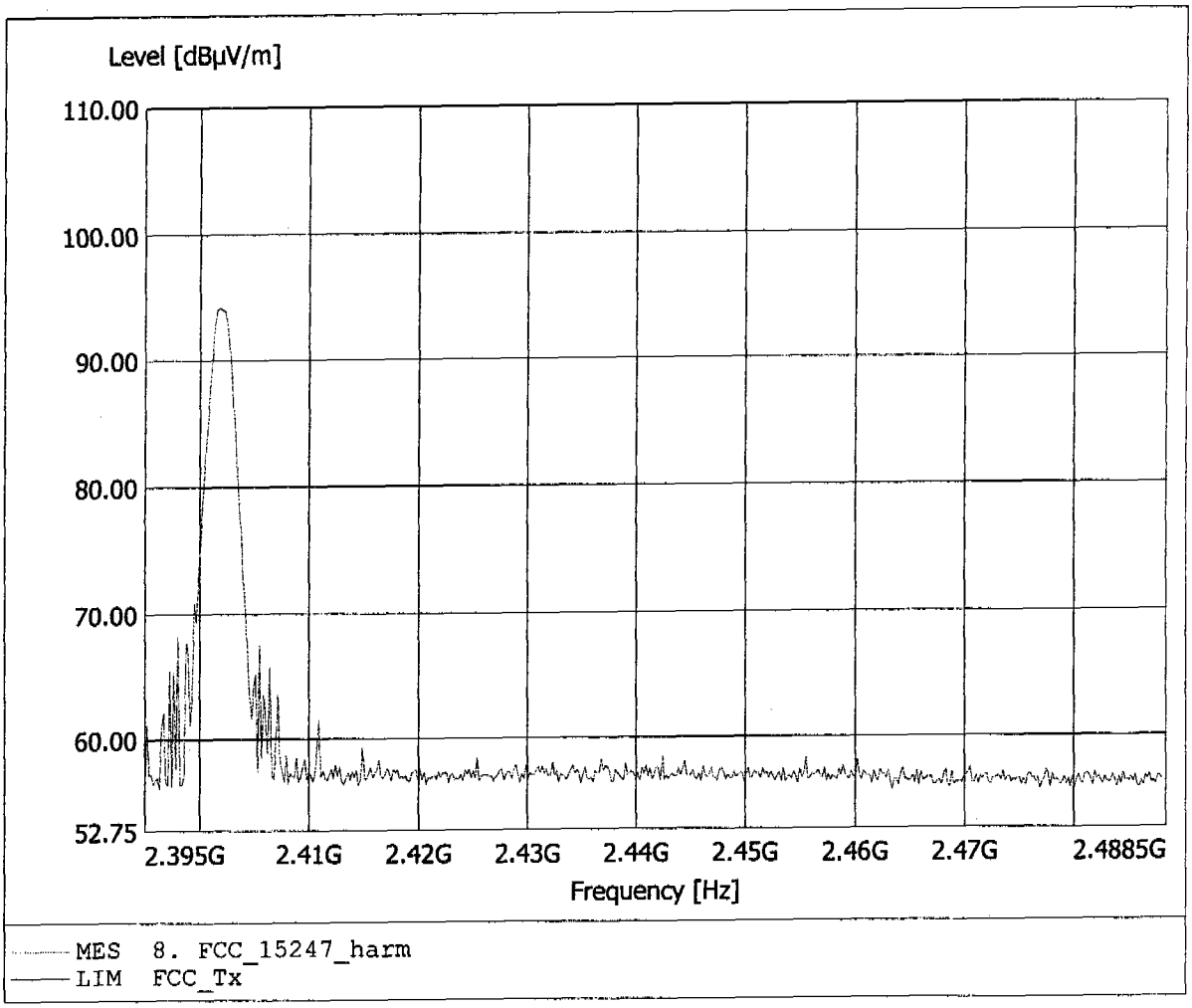


Appendix C

Spurious Emissions radiated - Transmitter operating

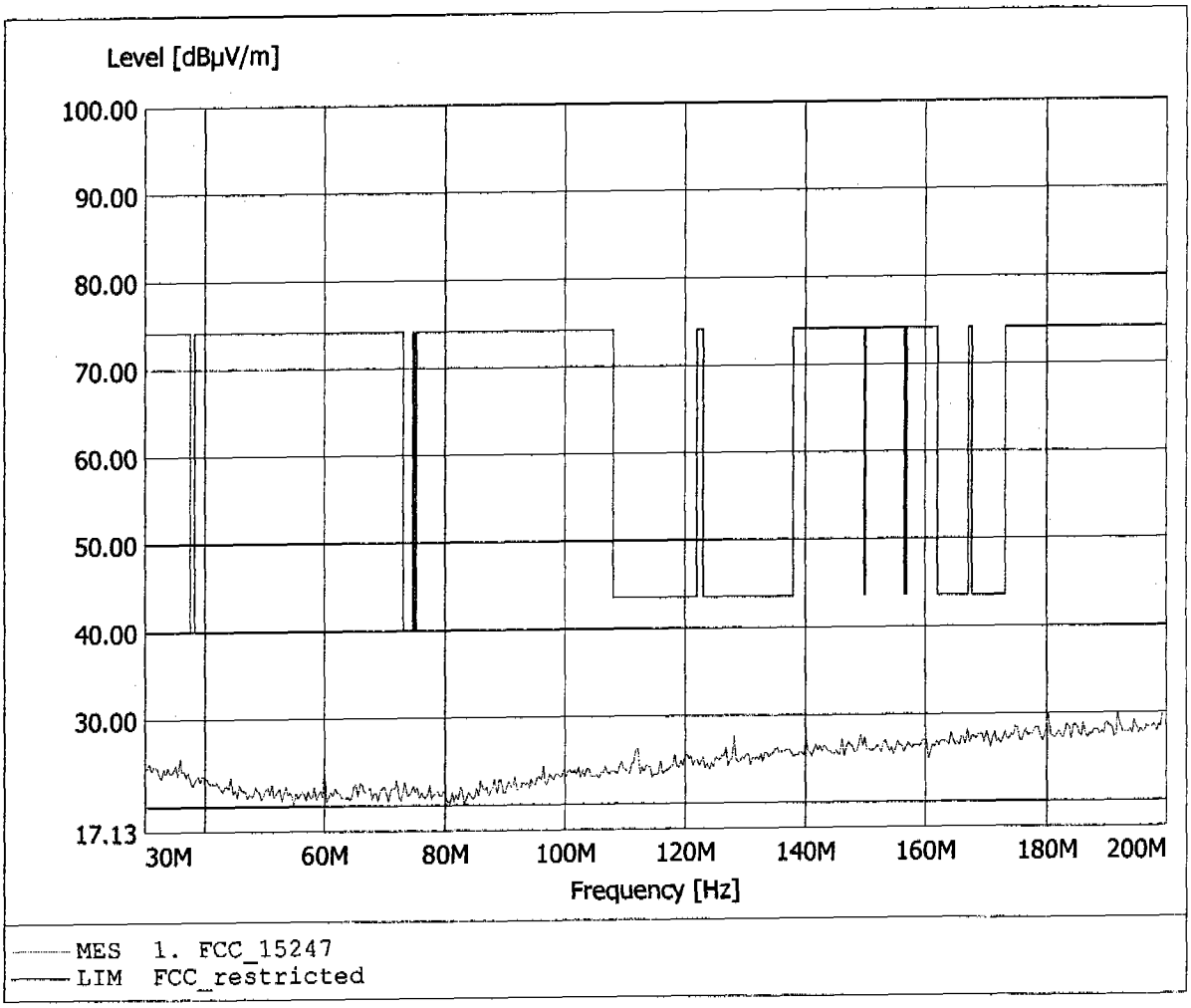
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: BBHA9120D
Comment 2:	Freq: 2.402GHz, Emax: 94.17dBµV/m, RBW: 1MHz



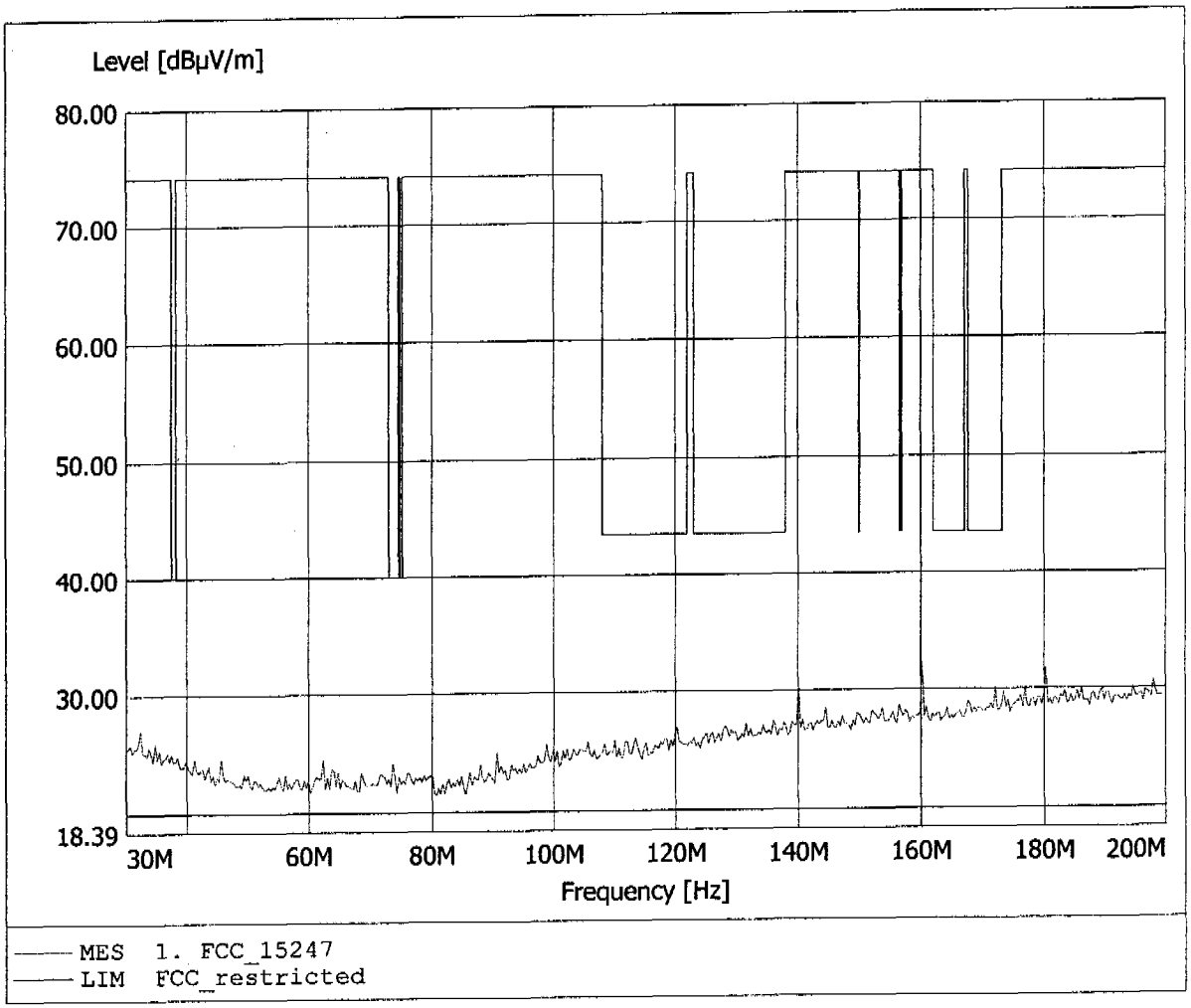
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: HK 116
Comment 2:	Freq: 180.240MHz, Emax: 30.07dBµV/m, RBW: 100kHz



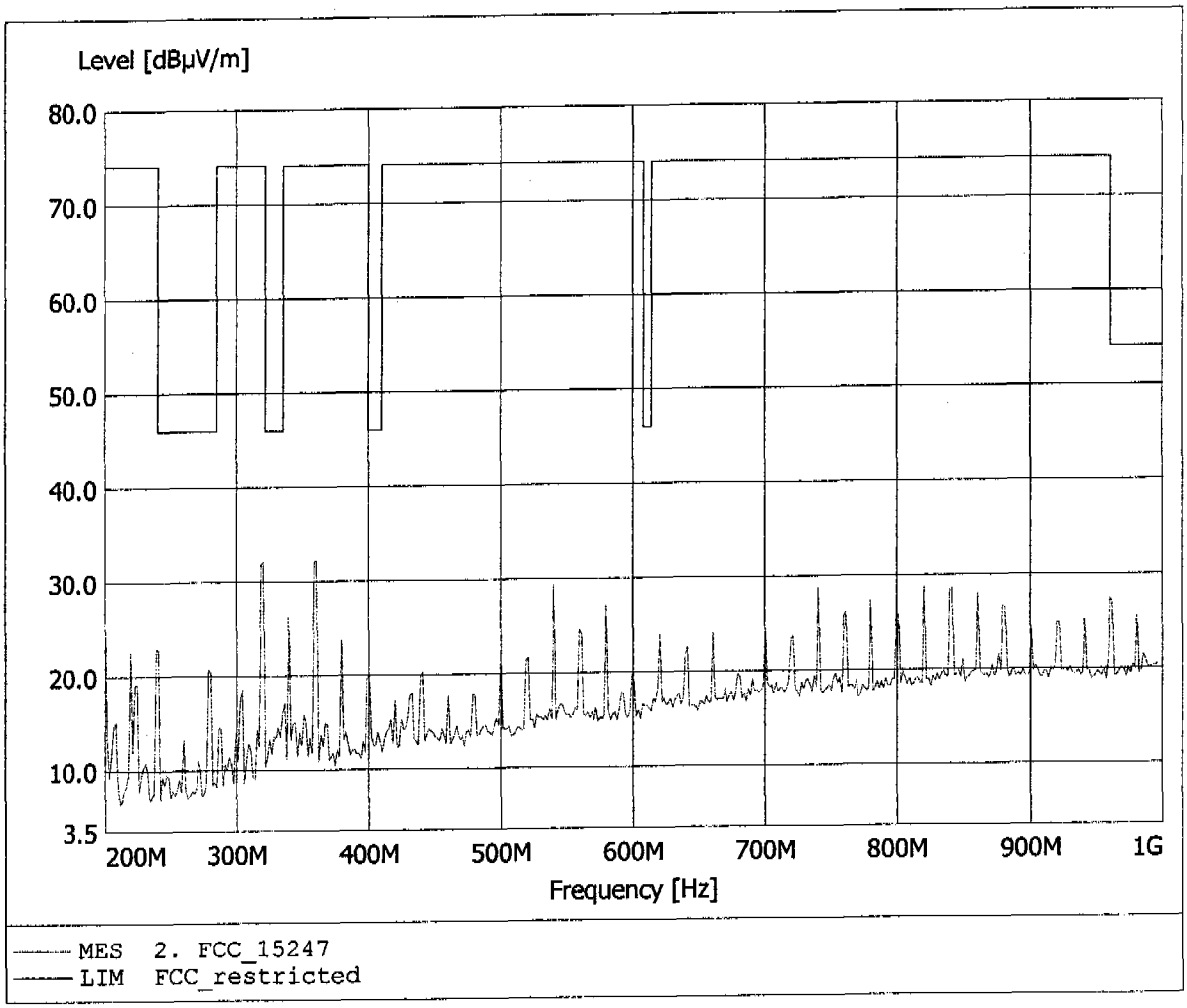
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: HK 116
Comment 2:	Freq: 160.140MHz, Emax: 32.29dBµV/m, RBW: 100kHz



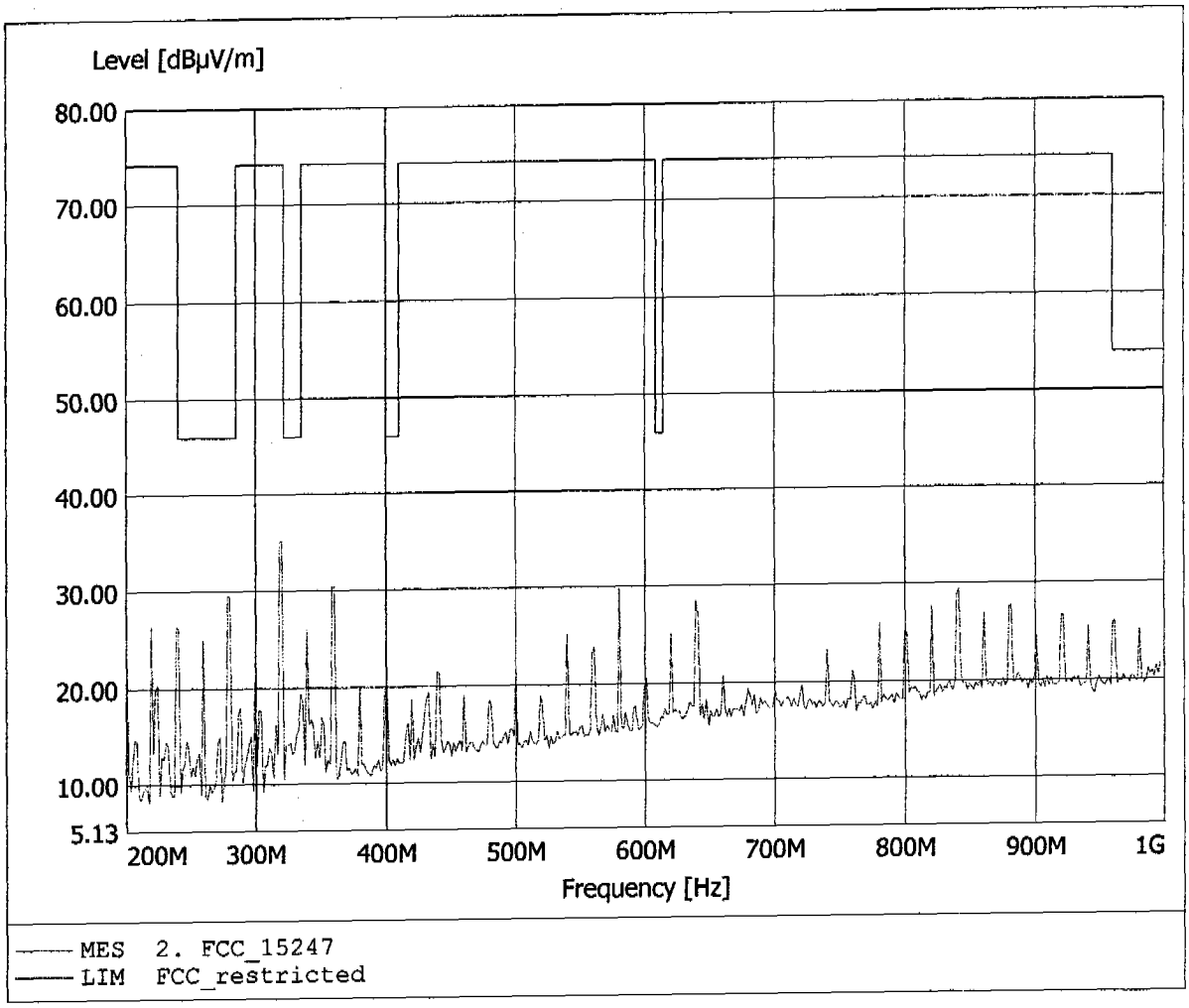
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: HL 223, amplif.
Comment 2:	Freq: 360.321MHz, Emax: 32.28dBµV/m, RBW: 100kHz



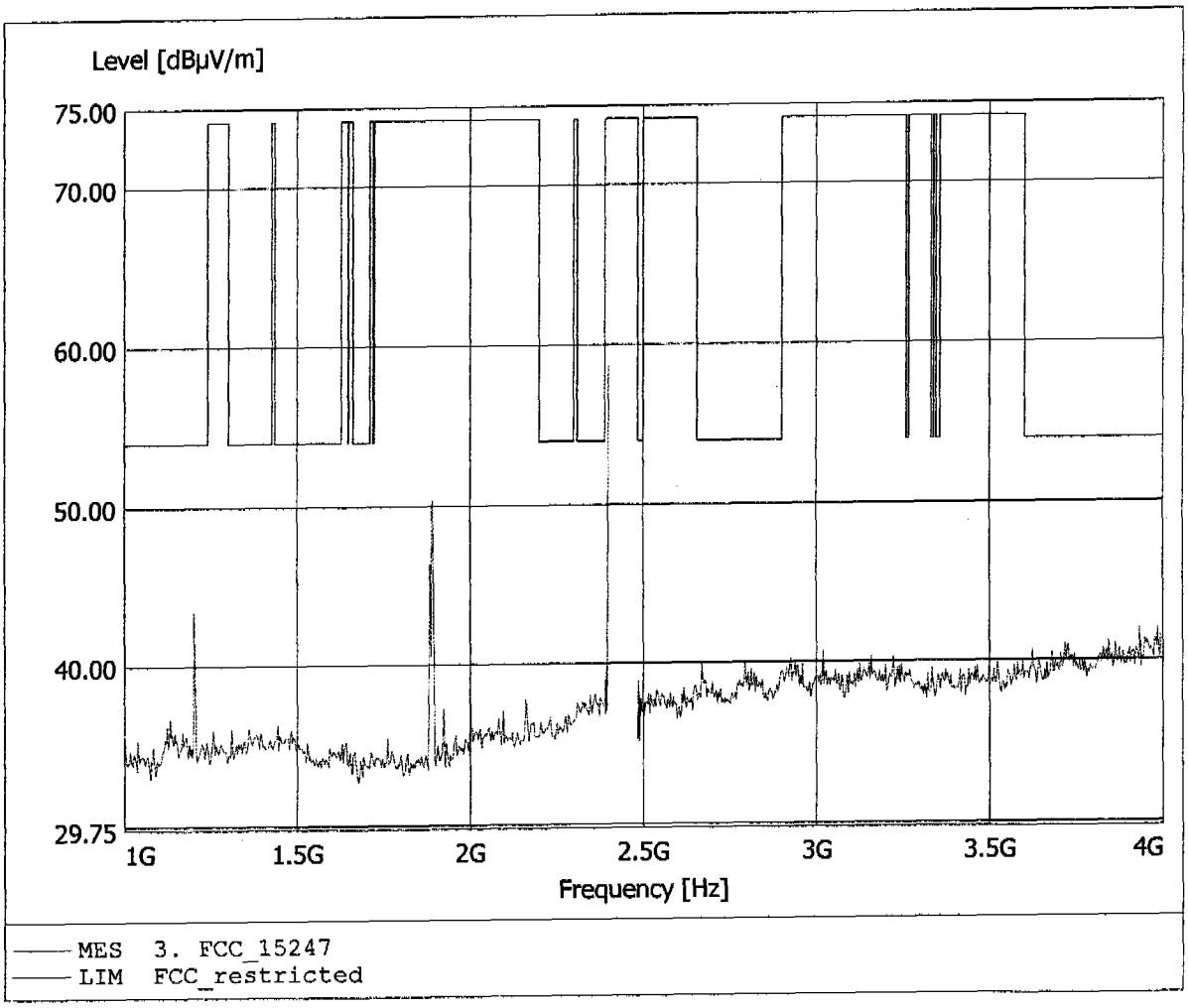
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: HL 223, amplif.
Comment 2:	Freq: 320.240MHz, Emax: 35.15dBµV/m, RBW: 100kHz



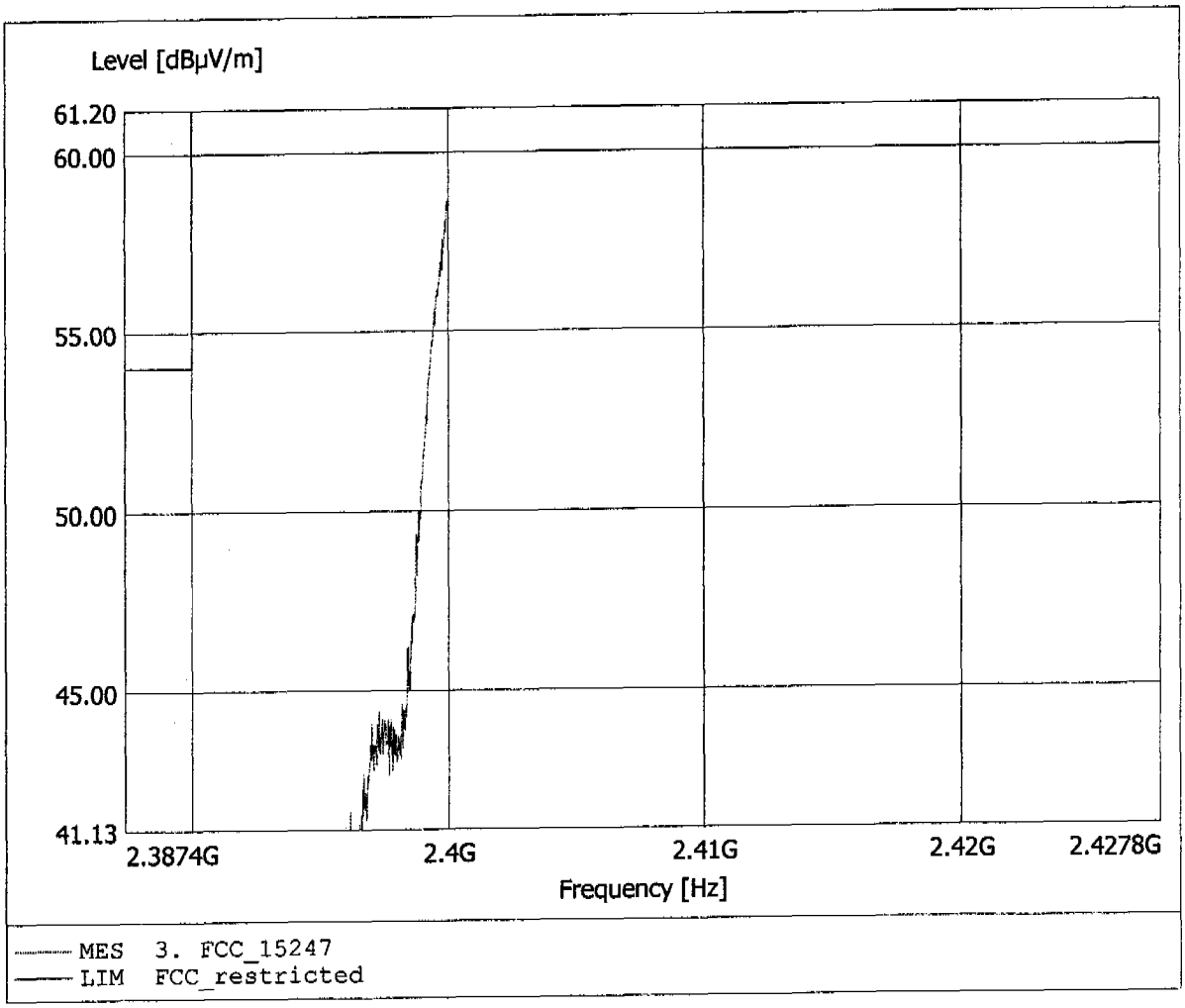
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2:	Freq: 2.400GHz, Emax: 58.68dBµV/m, RBW: 1MHz



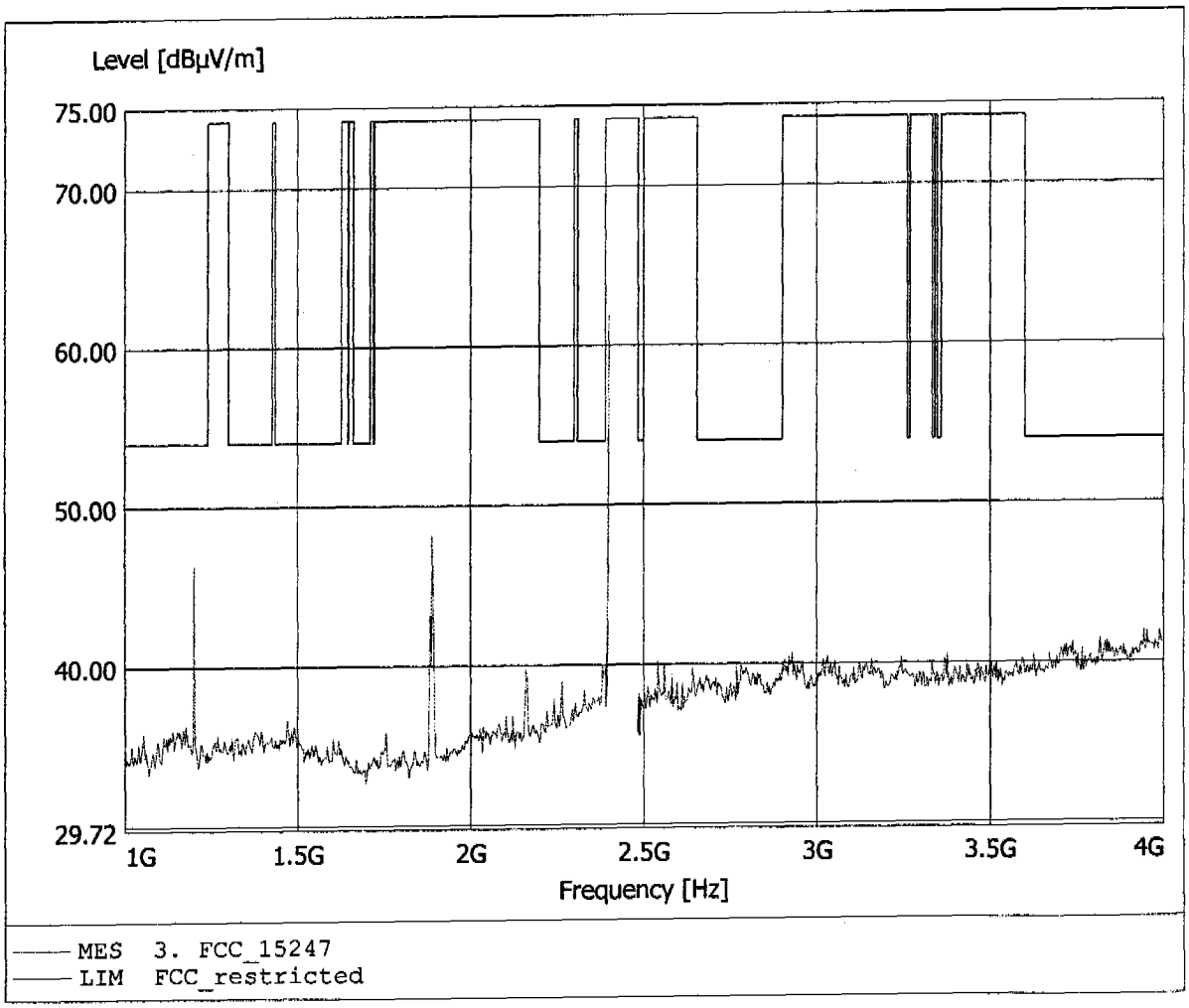
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl-if.
Comment 2:	Freq: 2.400GHz, Emax: 58.68dBµV/m, RBW: 1MHz



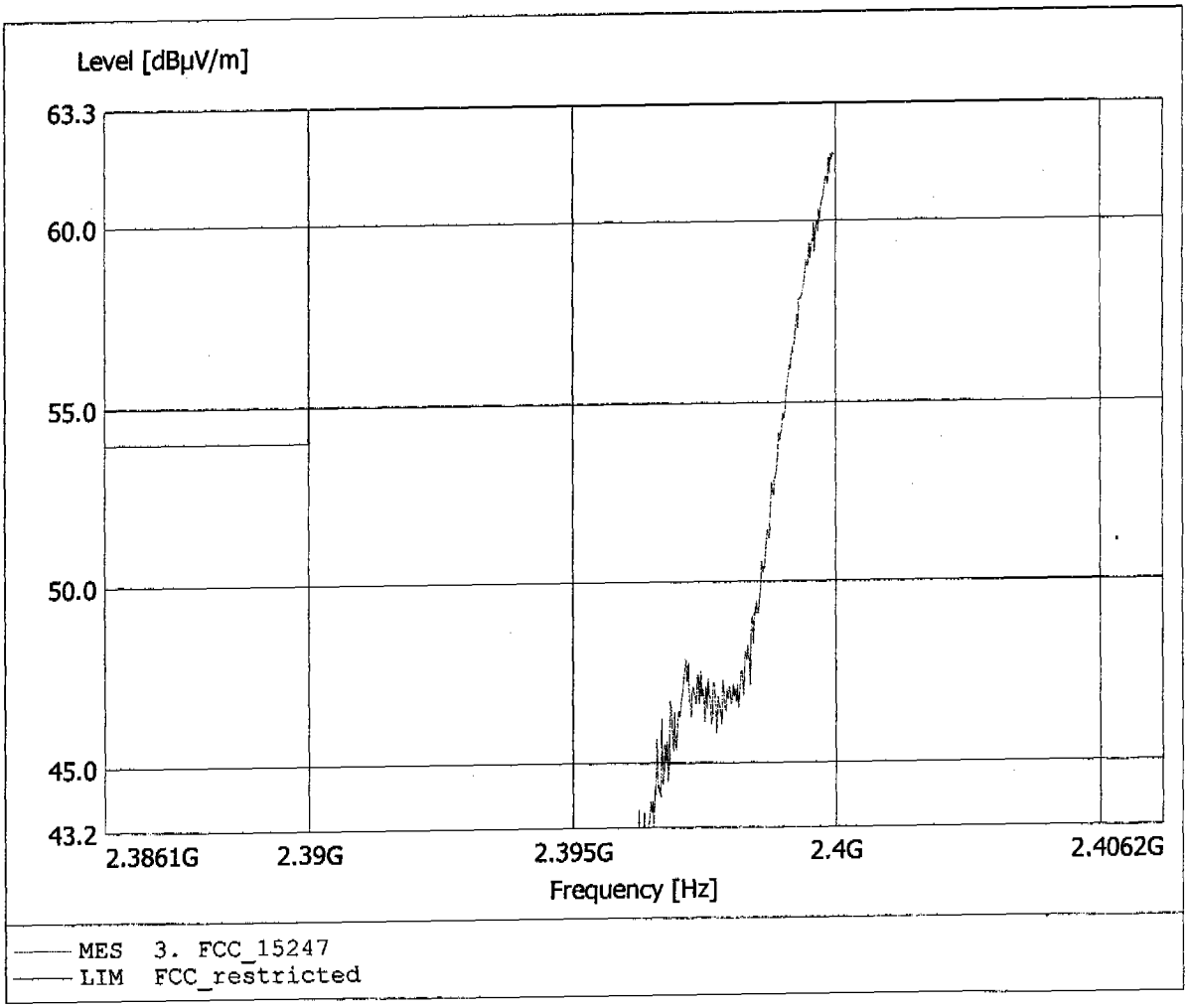
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2:	Freq: 2.400GHz, Emax: 61.89dBµV/m, RBW: 1MHz



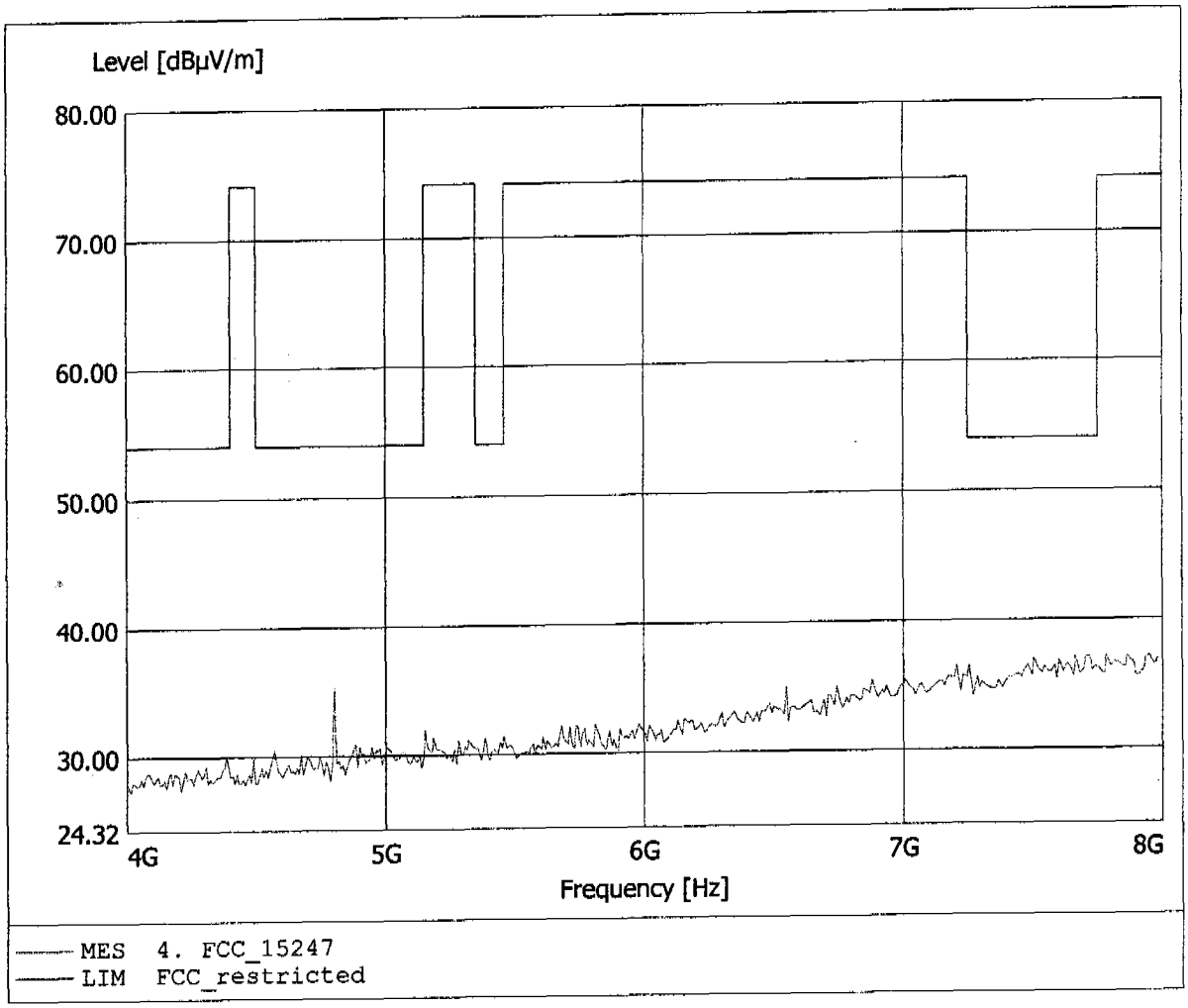
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2:	Freq: 2.400GHz, Emax: 61.89dBµV/m, RBW: 1MHz



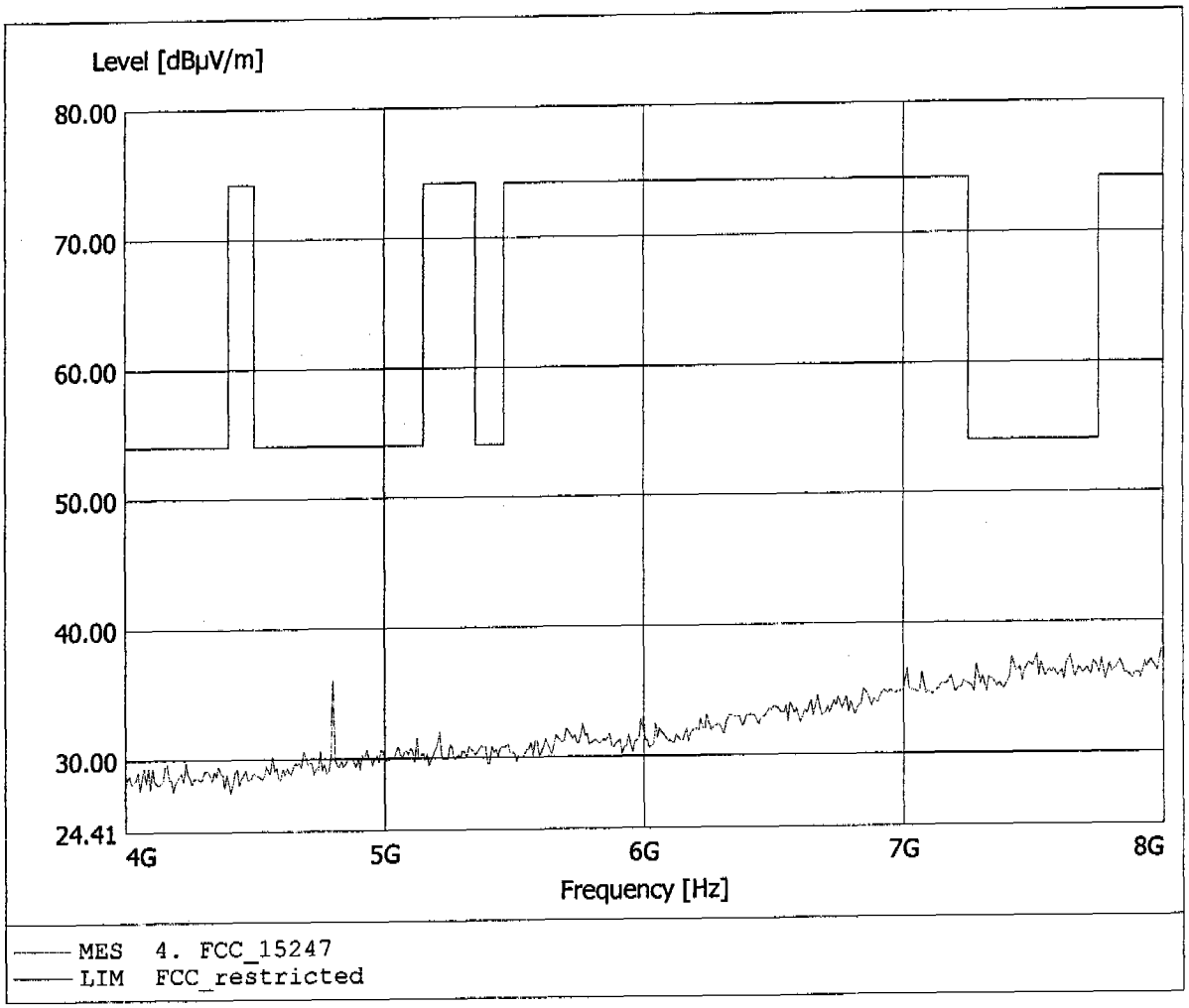
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2:	Freq: 7.784GHz, Emax: 37.21dBµV/m, RBW: 1MHz



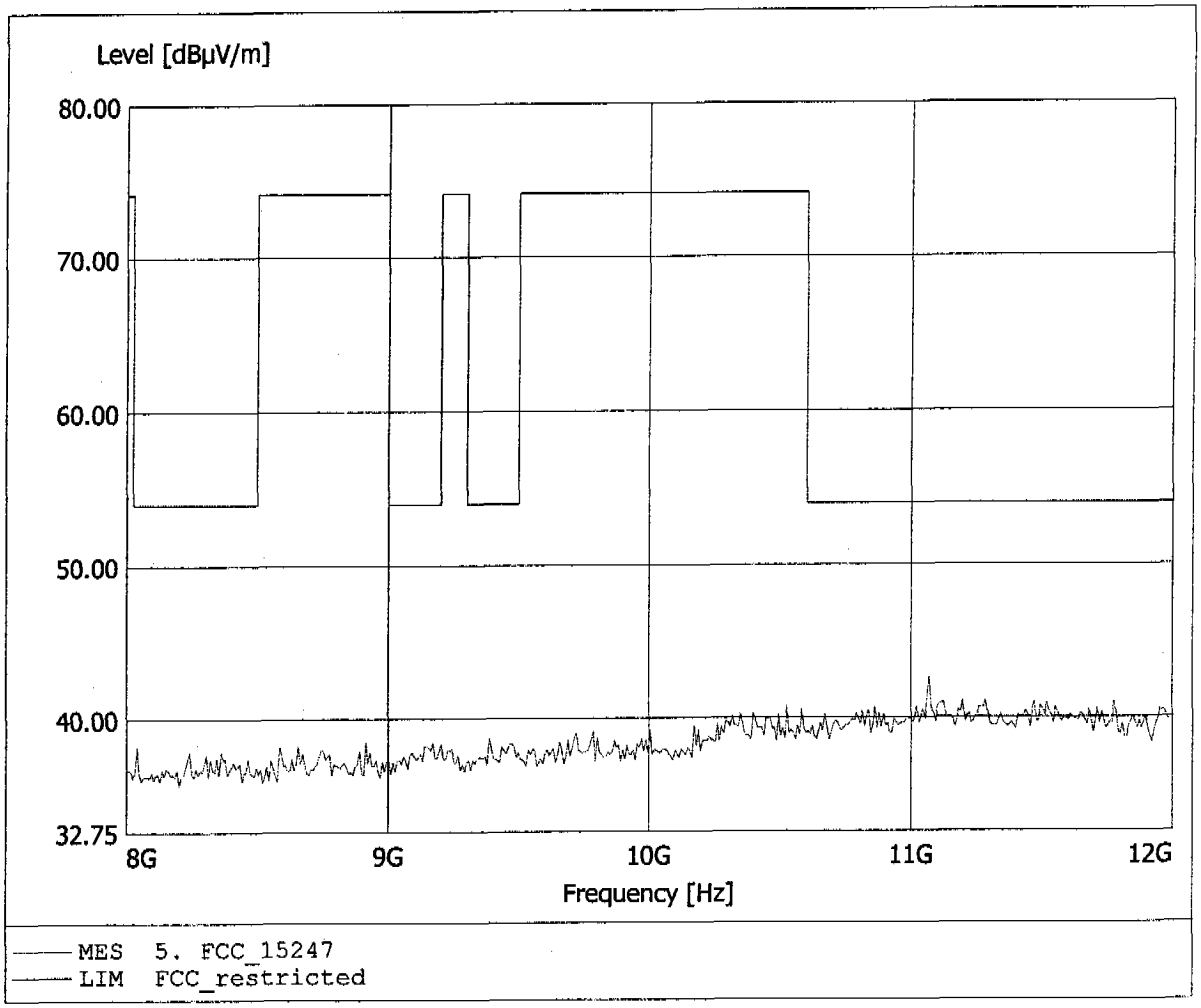
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2:	Freq: 7.992GHz, Emax: 37.81dBµV/m, RBW: 1MHz



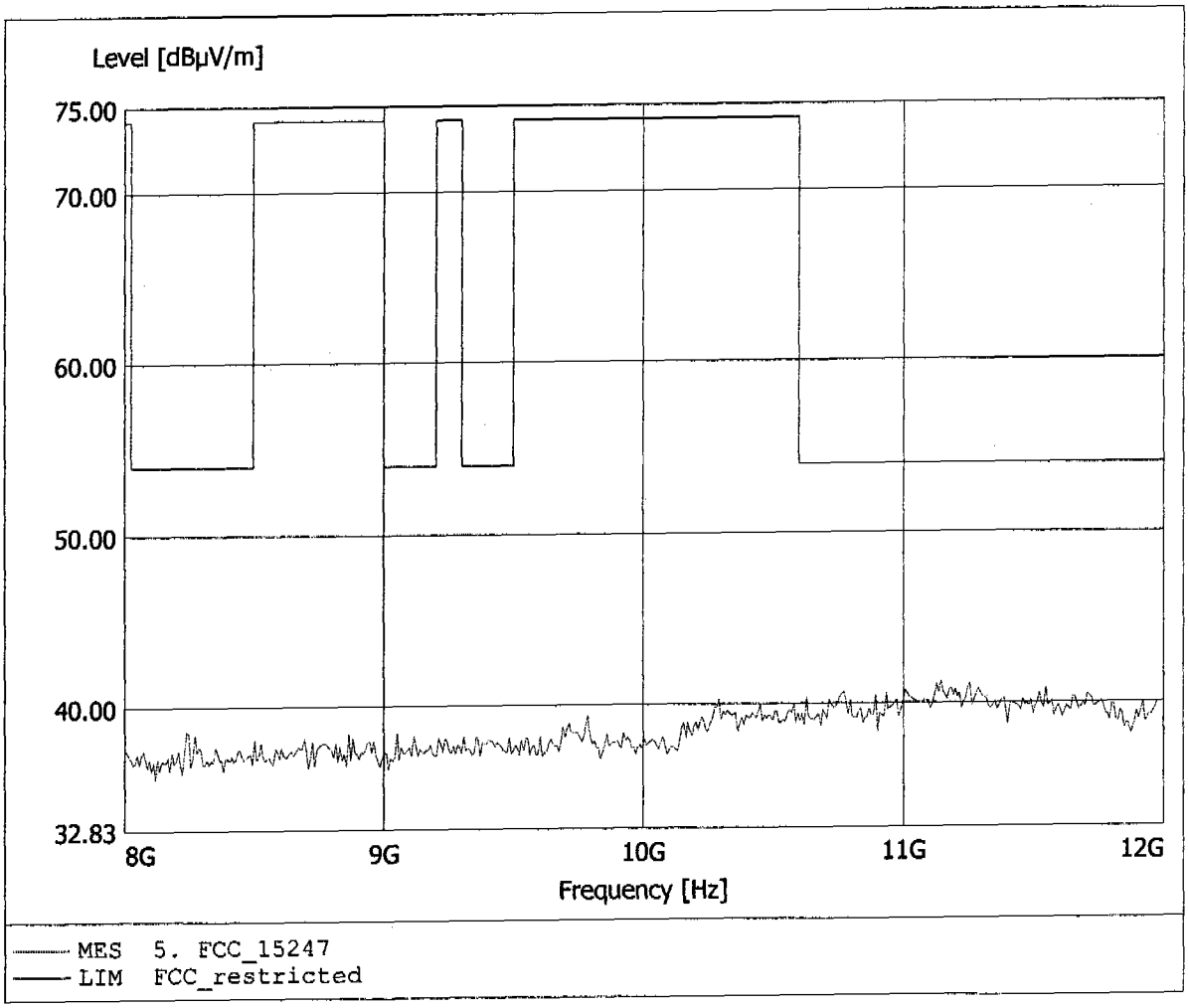
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.-
Comment 2:	Freq: 11.070GHz, Emax: 42.58dBµV/m, RBW: 1MHz



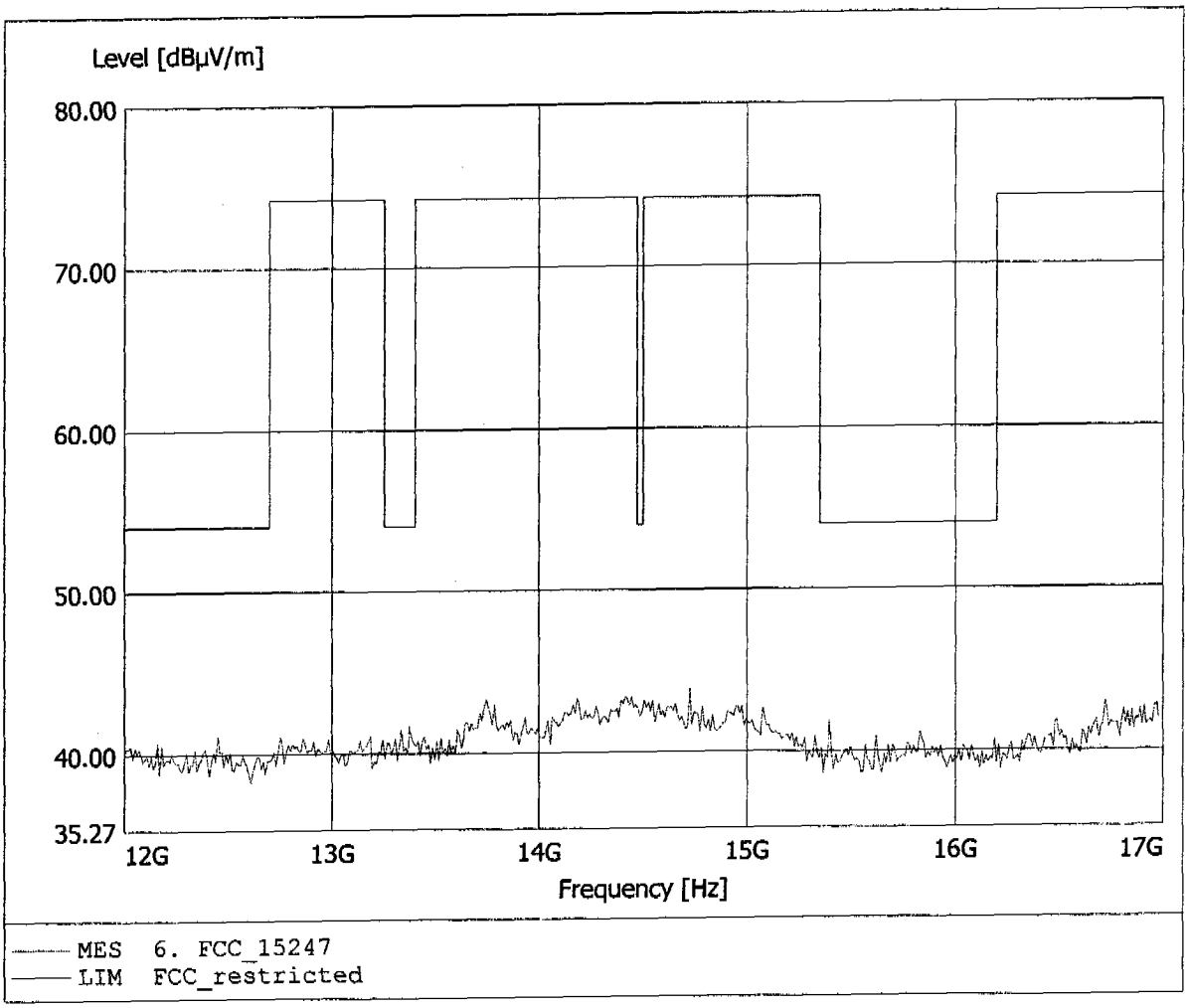
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2:	Freq: 11.142GHz, Emax: 41.25dBµV/m, RBW: 1MHz



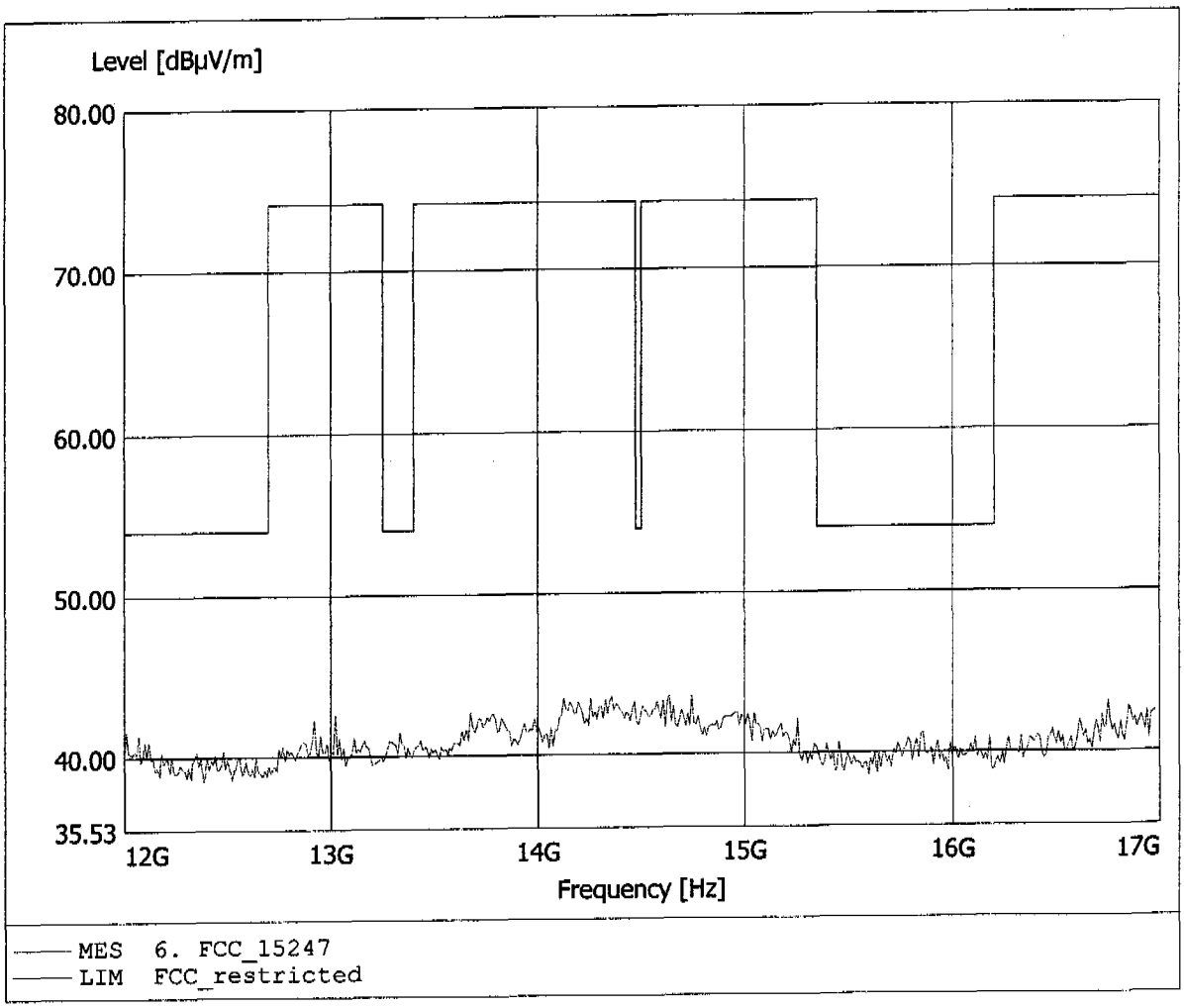
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2:	Freq: 14.725GHz, Emax: 43.96dBµV/m, RBW: 1MHz



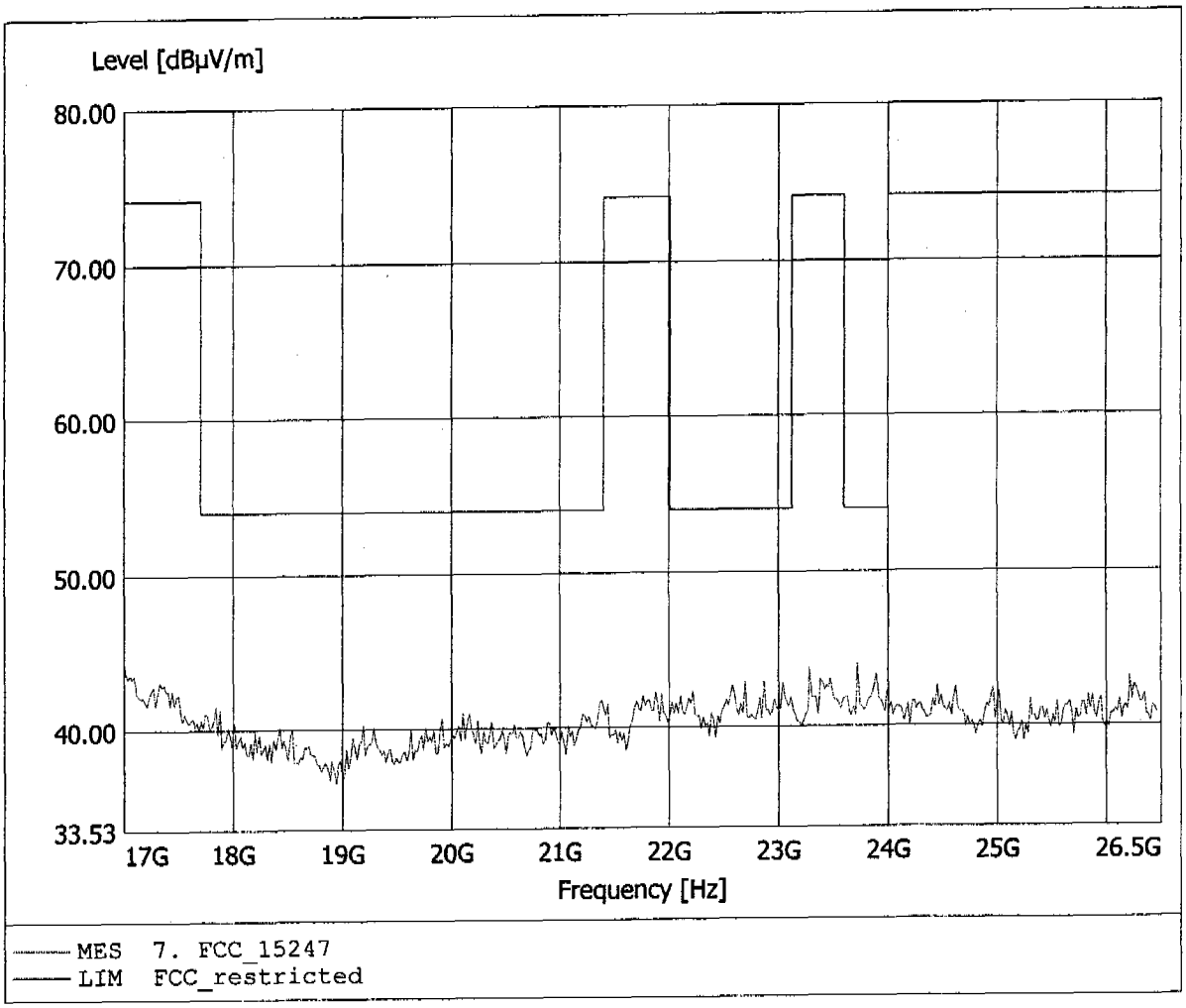
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2:	Freq: 14.745GHz, Emax: 43.68dBµV/m, RBW: 1MHz



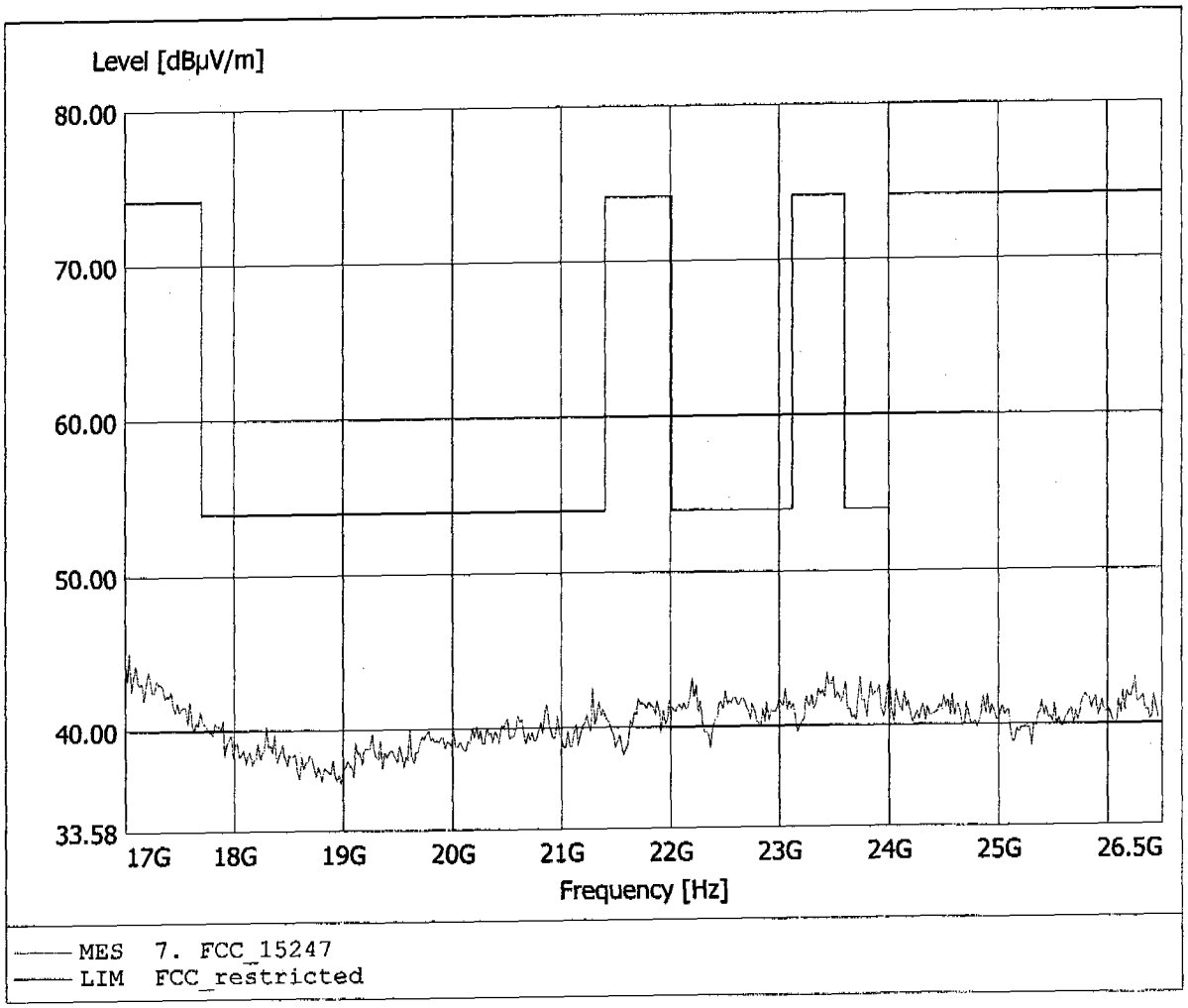
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: HL025, amplif.
Comment 2:	Freq: 17.000GHz, Emax: 44.41dBµV/m, RBW: 1MHz



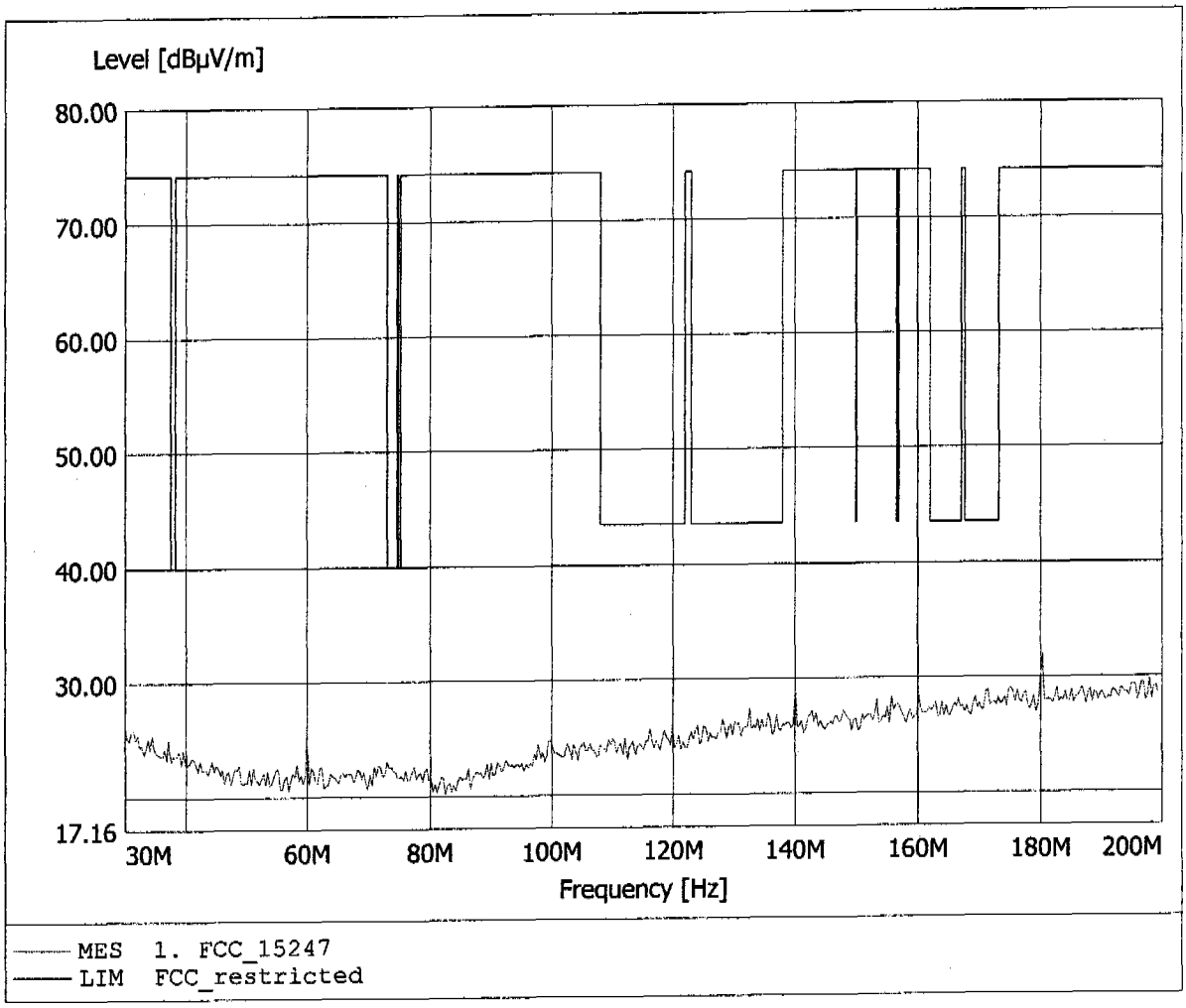
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2402 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: HL025, amplif.
Comment 2:	Freq: 17.038GHz, Emax: 45.01dBµV/m, RBW: 1MHz



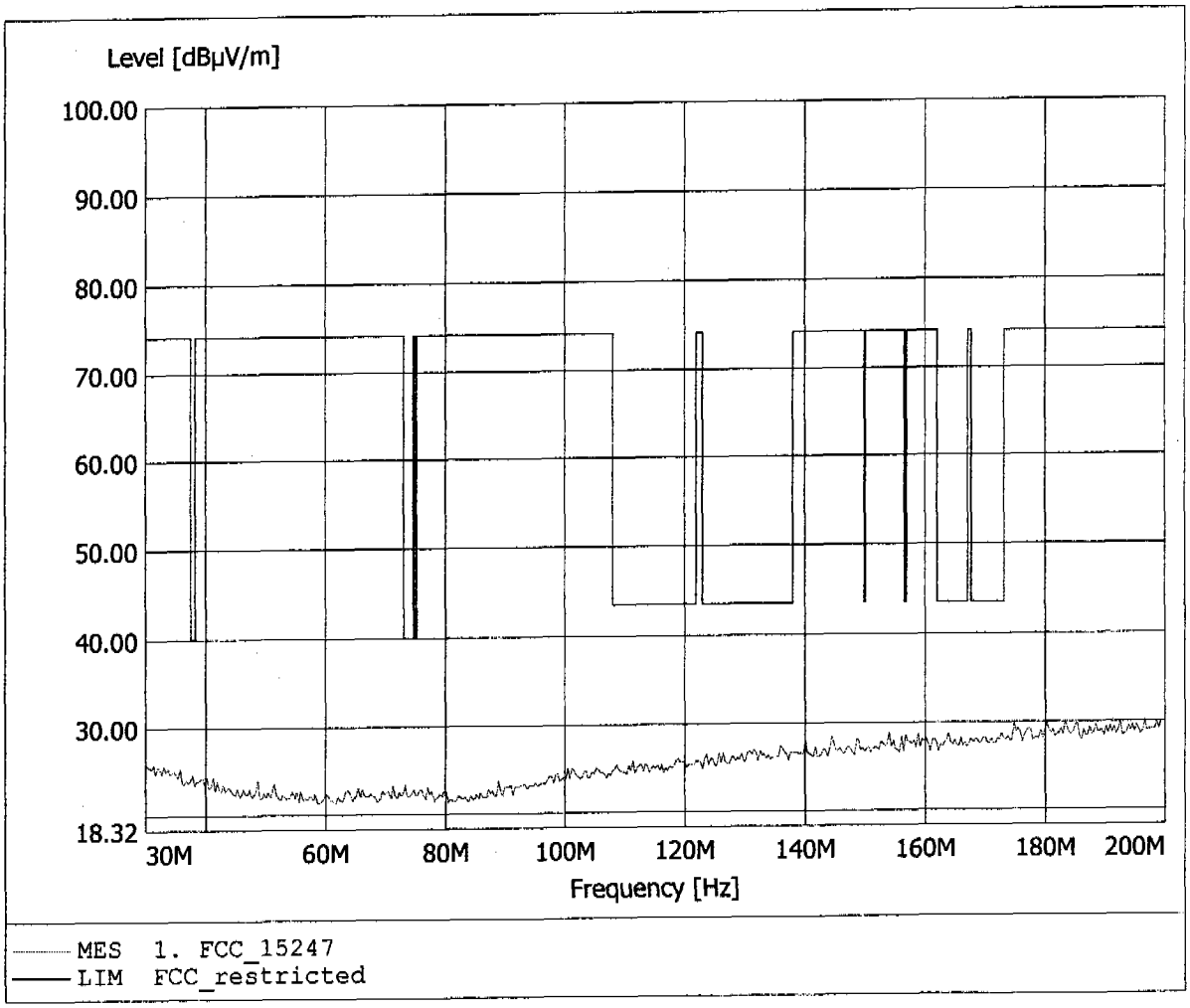
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: HK 116
Comment 2:	Freq: 180.240MHz, Emax: 31.96dBµV/m, RBW: 100kHz



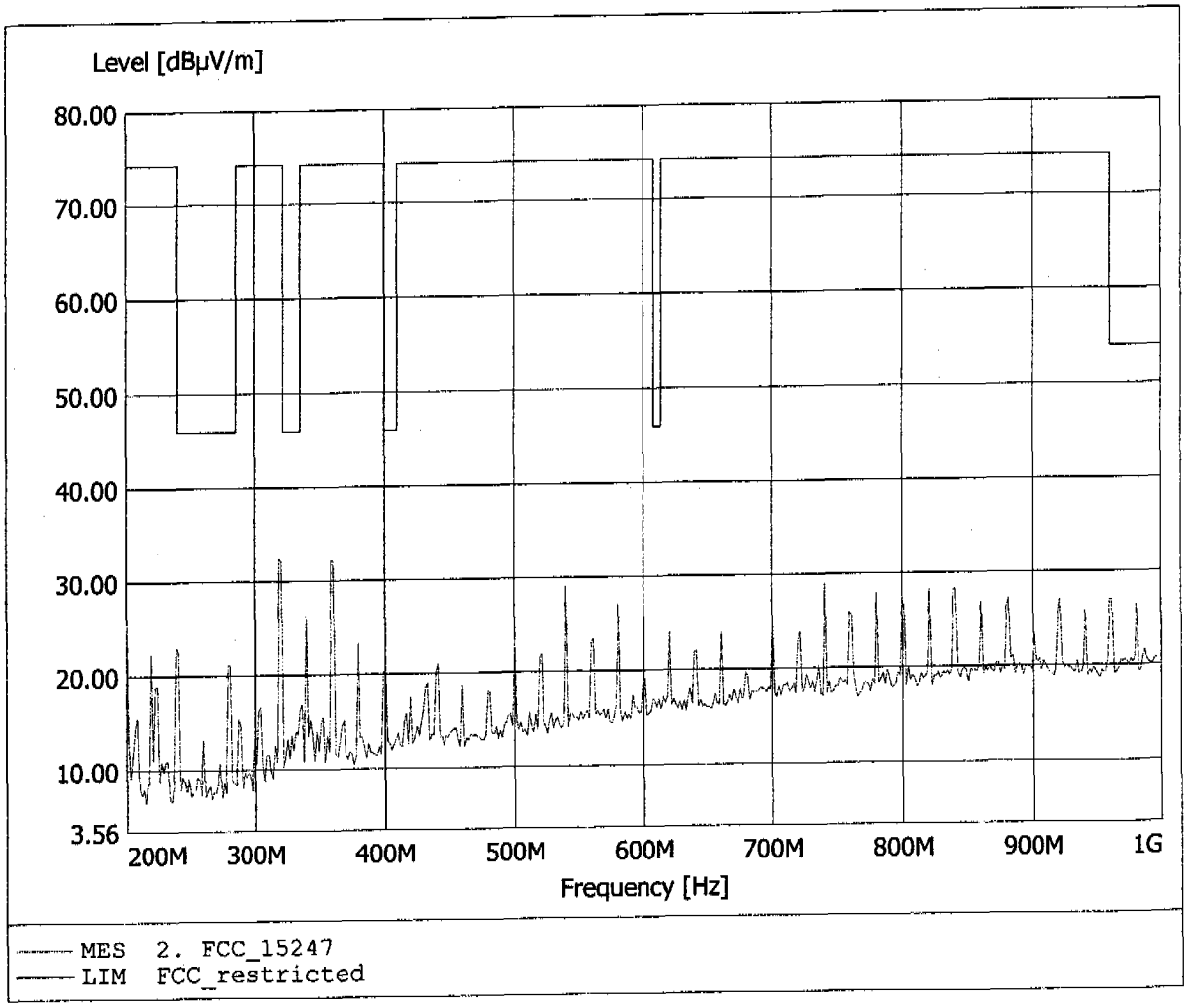
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: HK 116
Comment 2:	Freq: 196.593MHz, Emax: 30.15dBµV/m, RBW: 100kHz



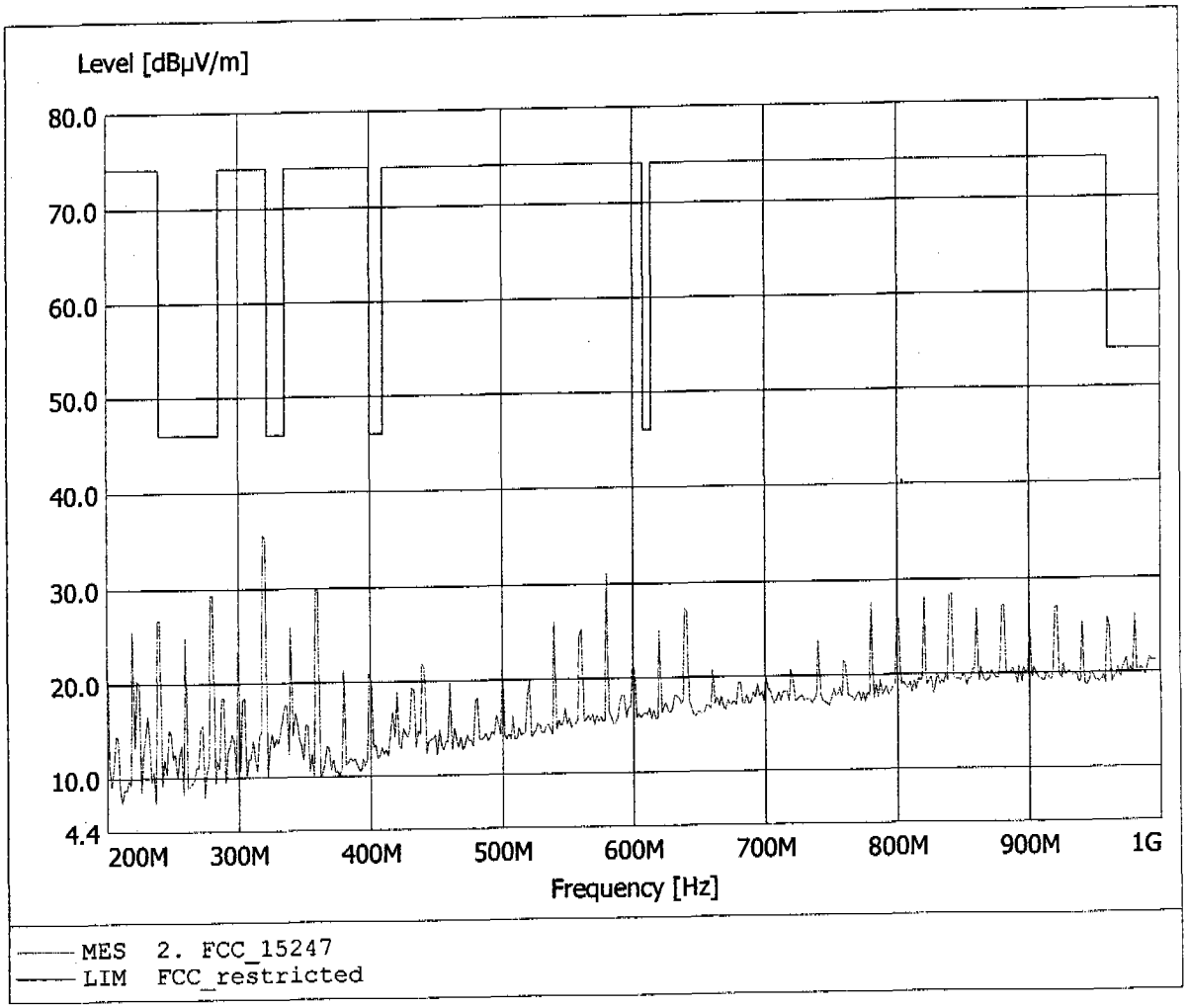
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: HL 223, amplif.
Comment 2:	Freq: 318.637MHz, Emax: 32.39dBµV/m, RBW: 100kHz



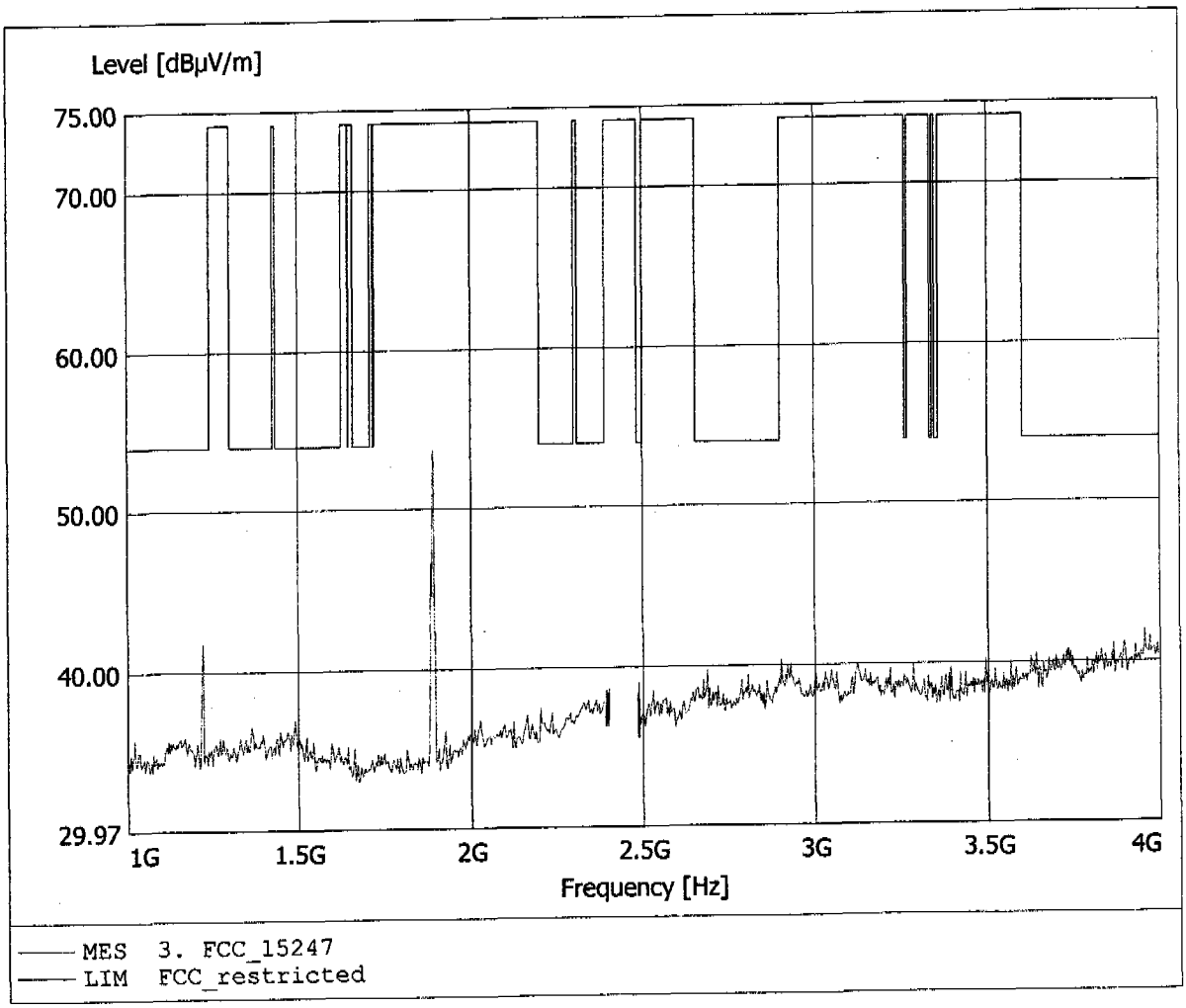
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: HL 223, amplif.
Comment 2:	Freq: 318.637MHz, Emax: 35.57dBµV/m, RBW: 100kHz



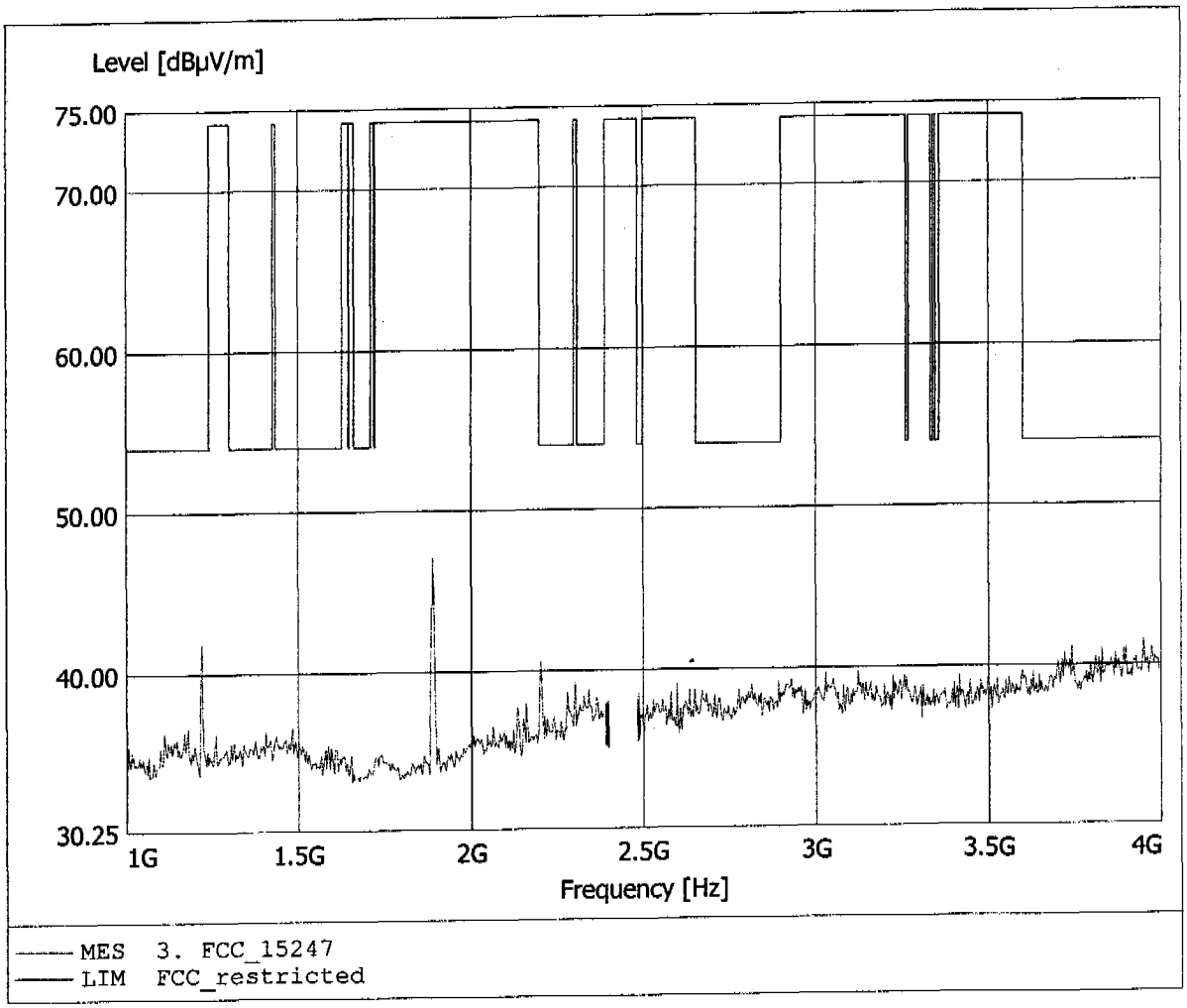
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2:	Freq: 1.891GHz, Emax: 53.68dBµV/m, RBW: 1MHz



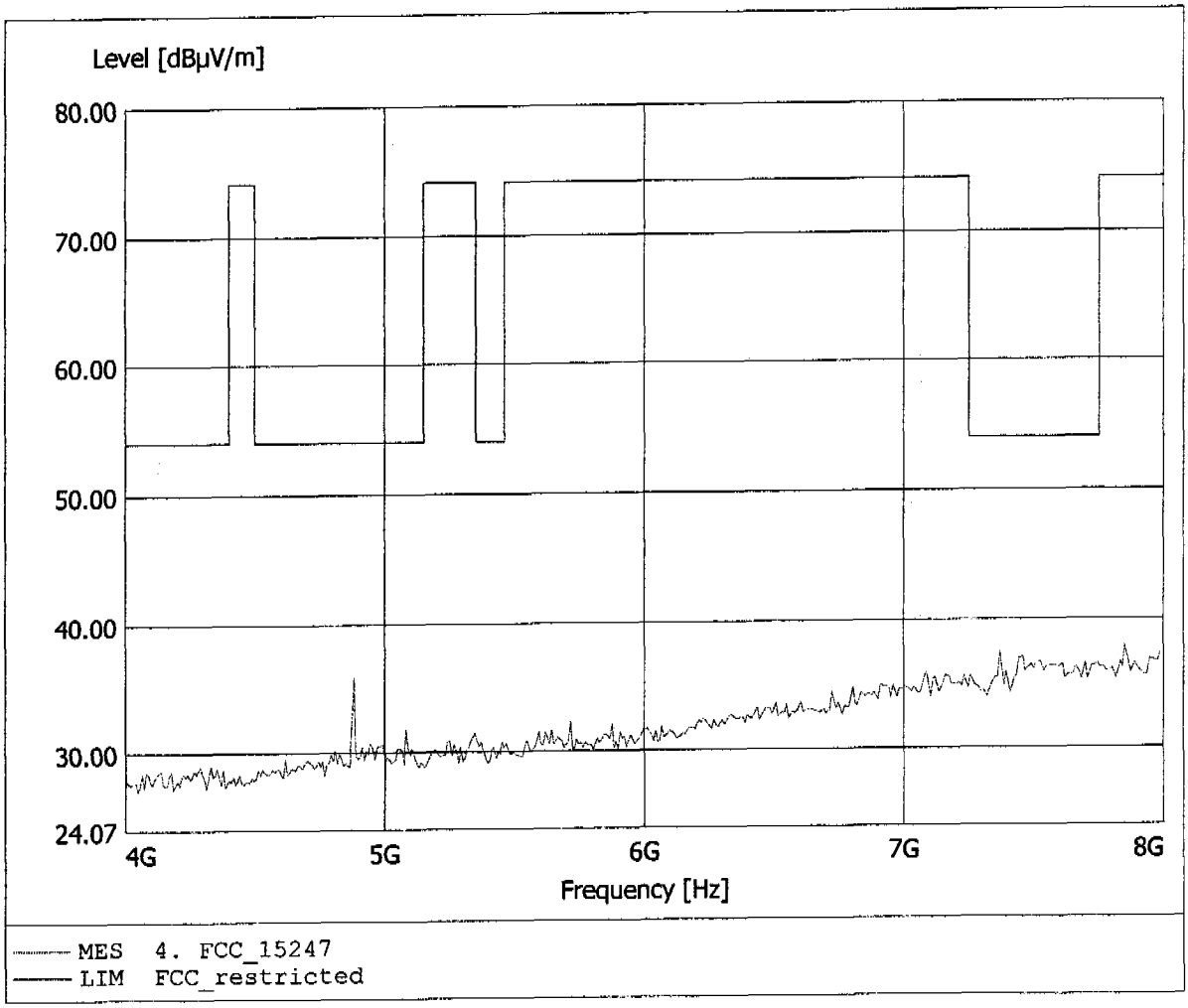
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2:	Freq: 1.889GHz, Emax: 47.02dBµV/m, RBW: 1MHz



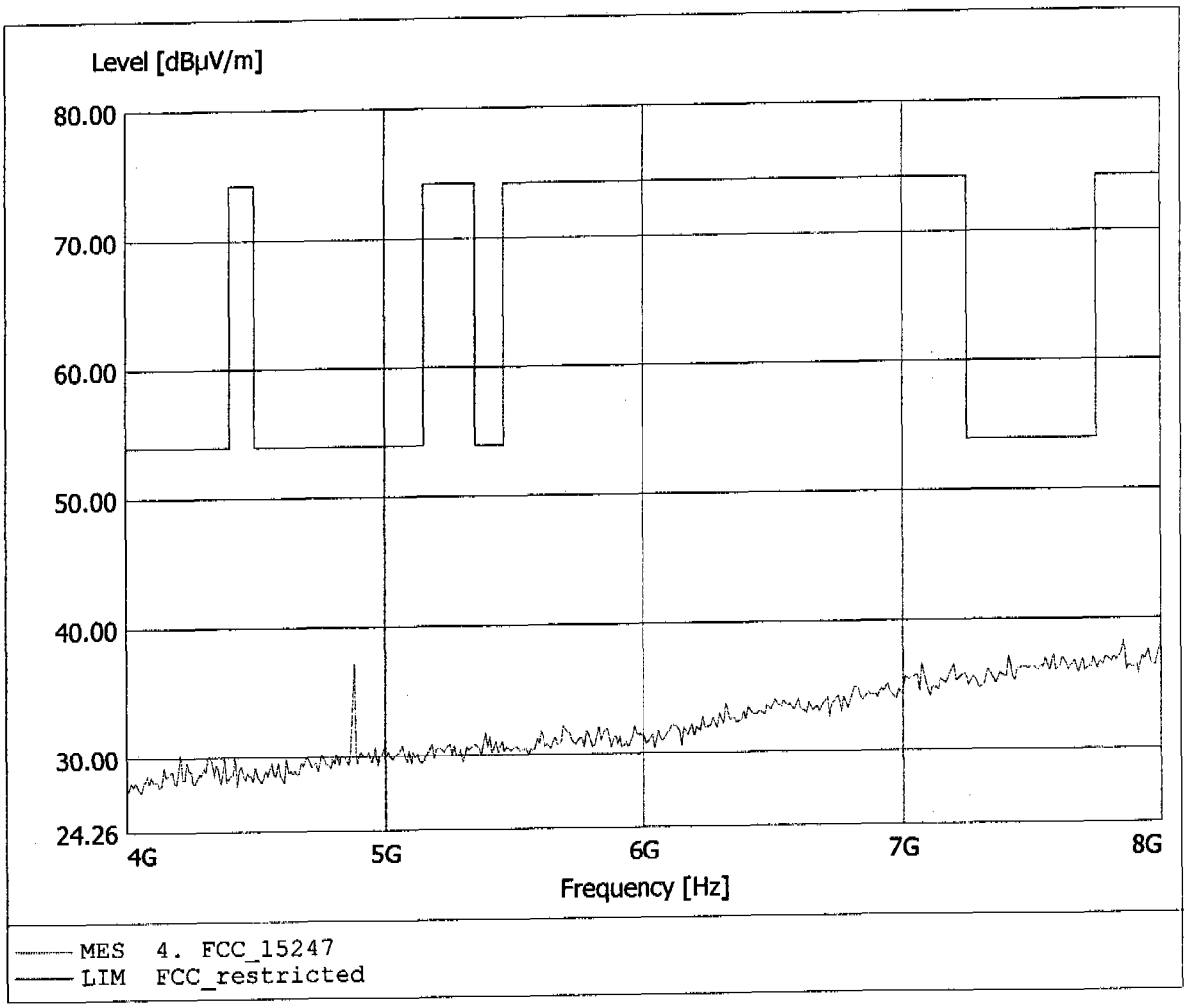
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2:	Freq: 7.848GHz, Emax: 37.95dBµV/m, RBW: 1MHz



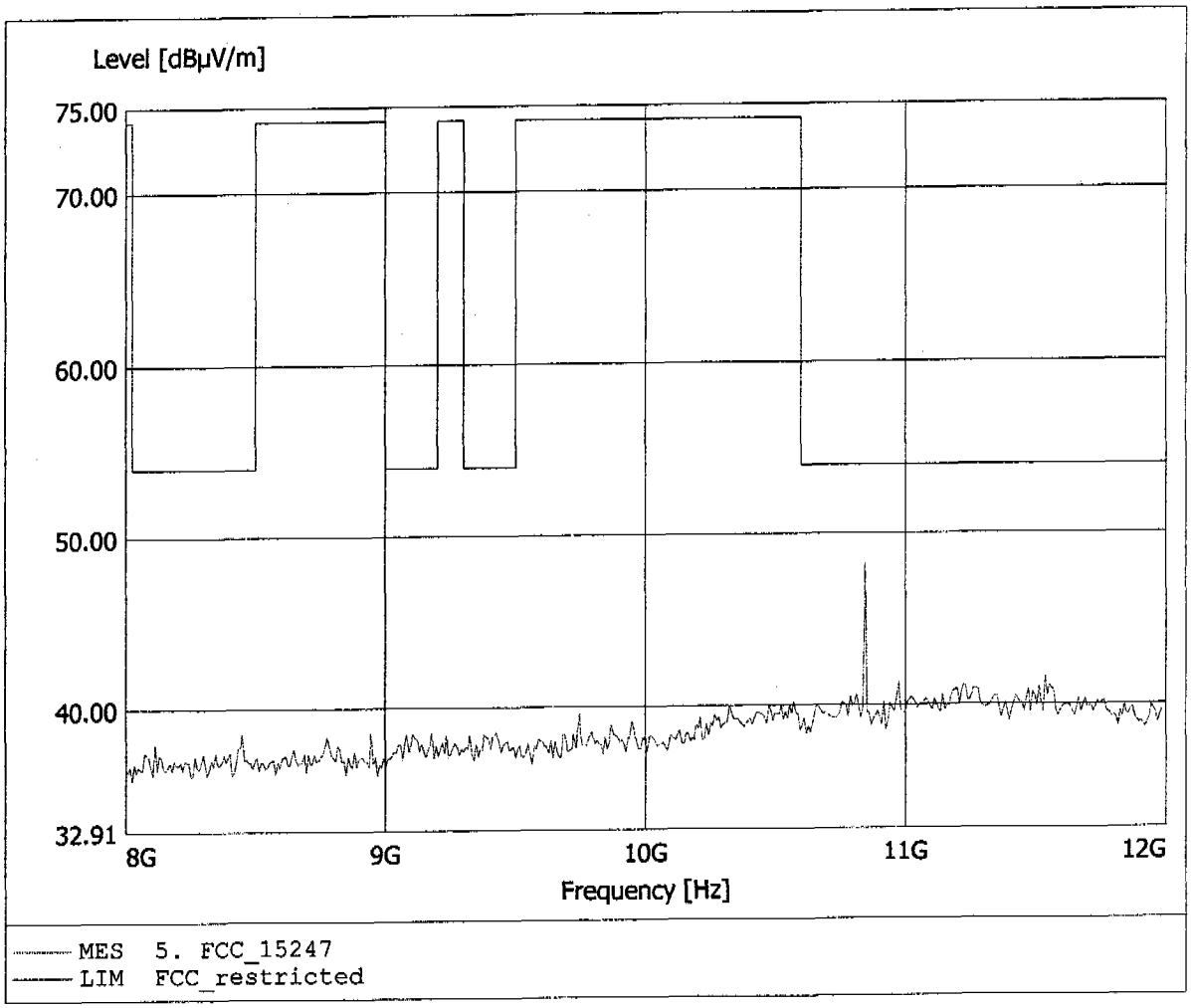
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2:	Freq: 7.856GHz, Emax: 38.26dBµV/m, RBW: 1MHz



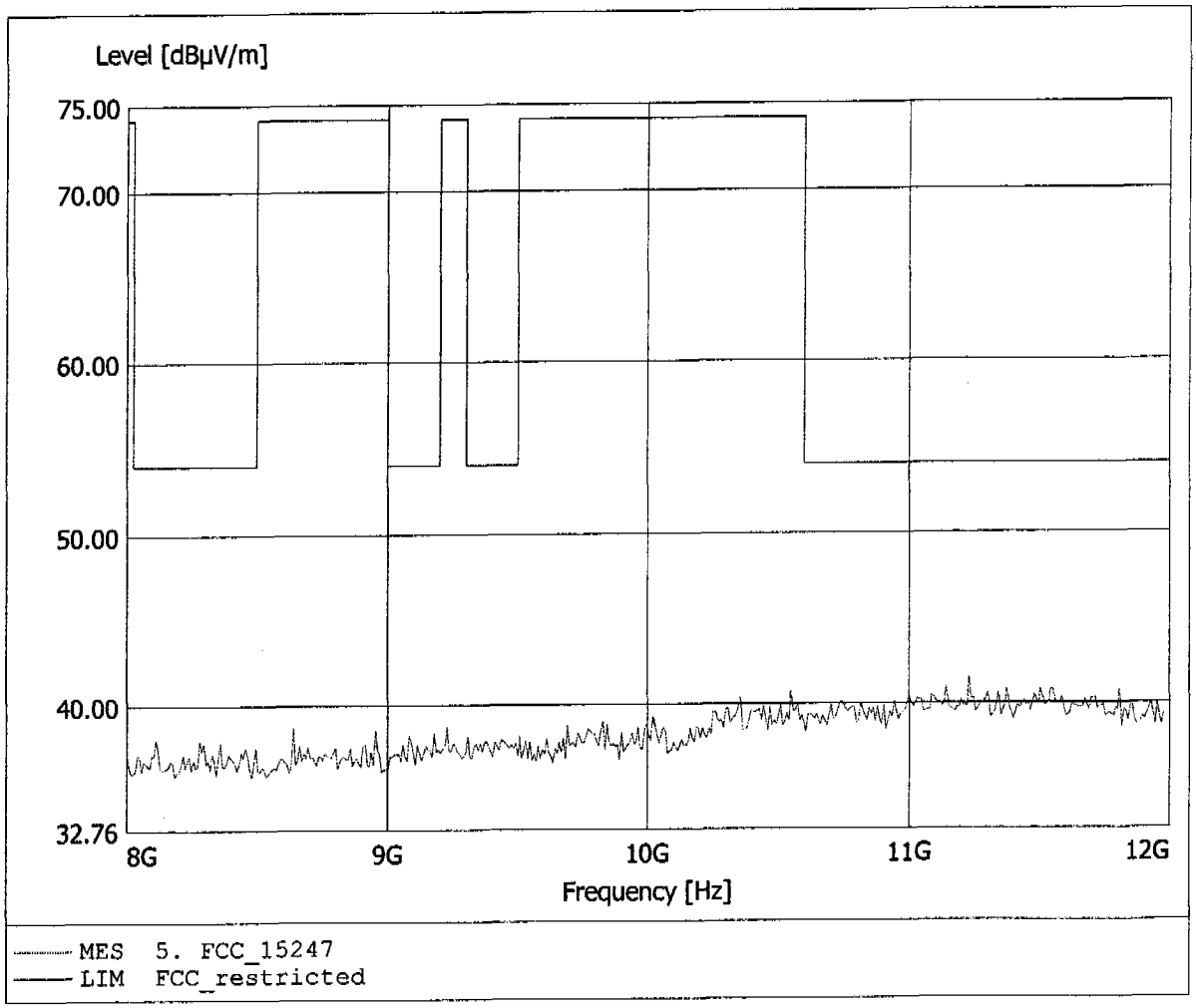
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2:	Freq: 10.846GHz, Emax: 48.25dBµV/m, RBW: 1MHz



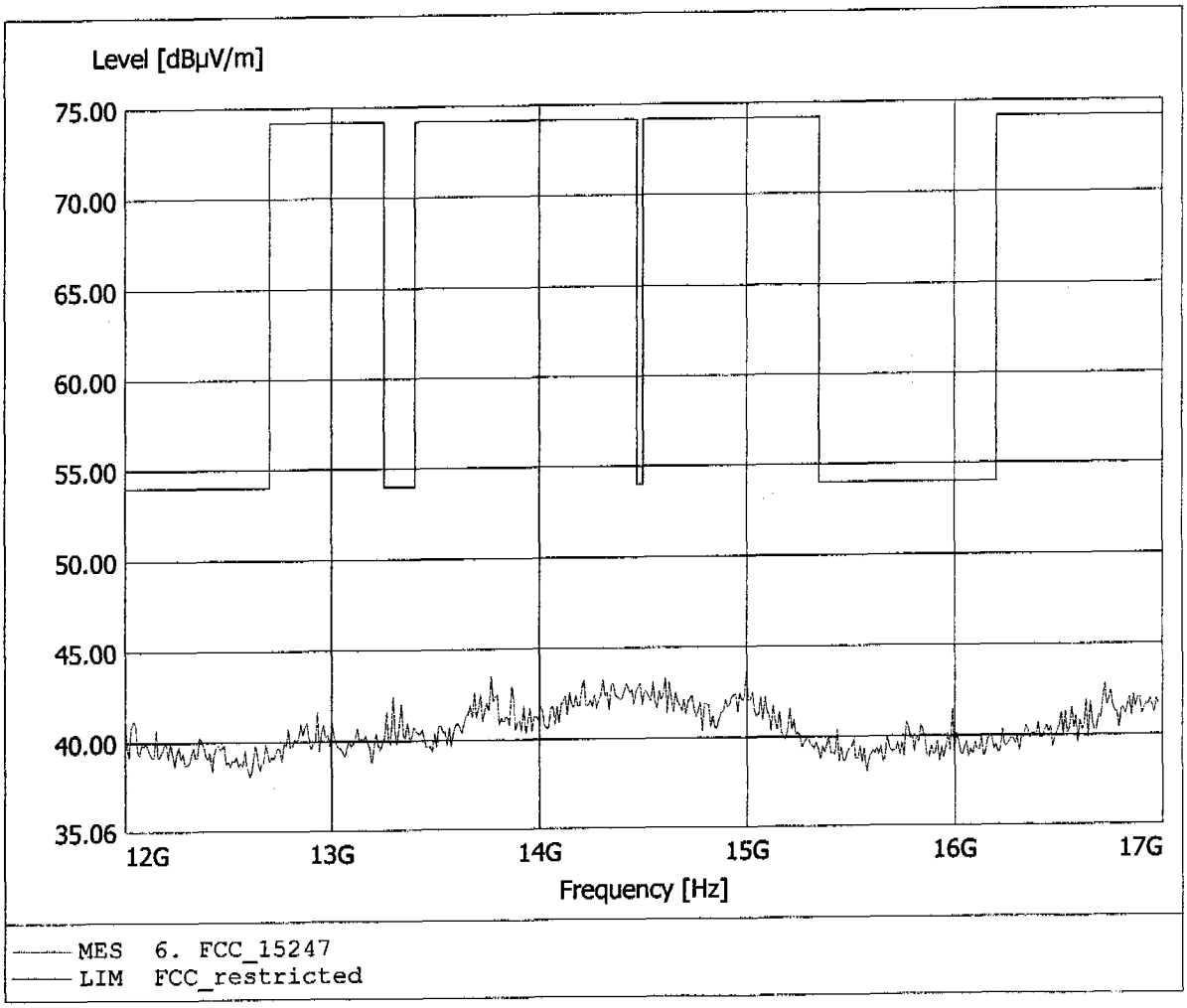
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2:	Freq: 11.230GHz, Emax: 41.53dBµV/m, RBW: 1MHz



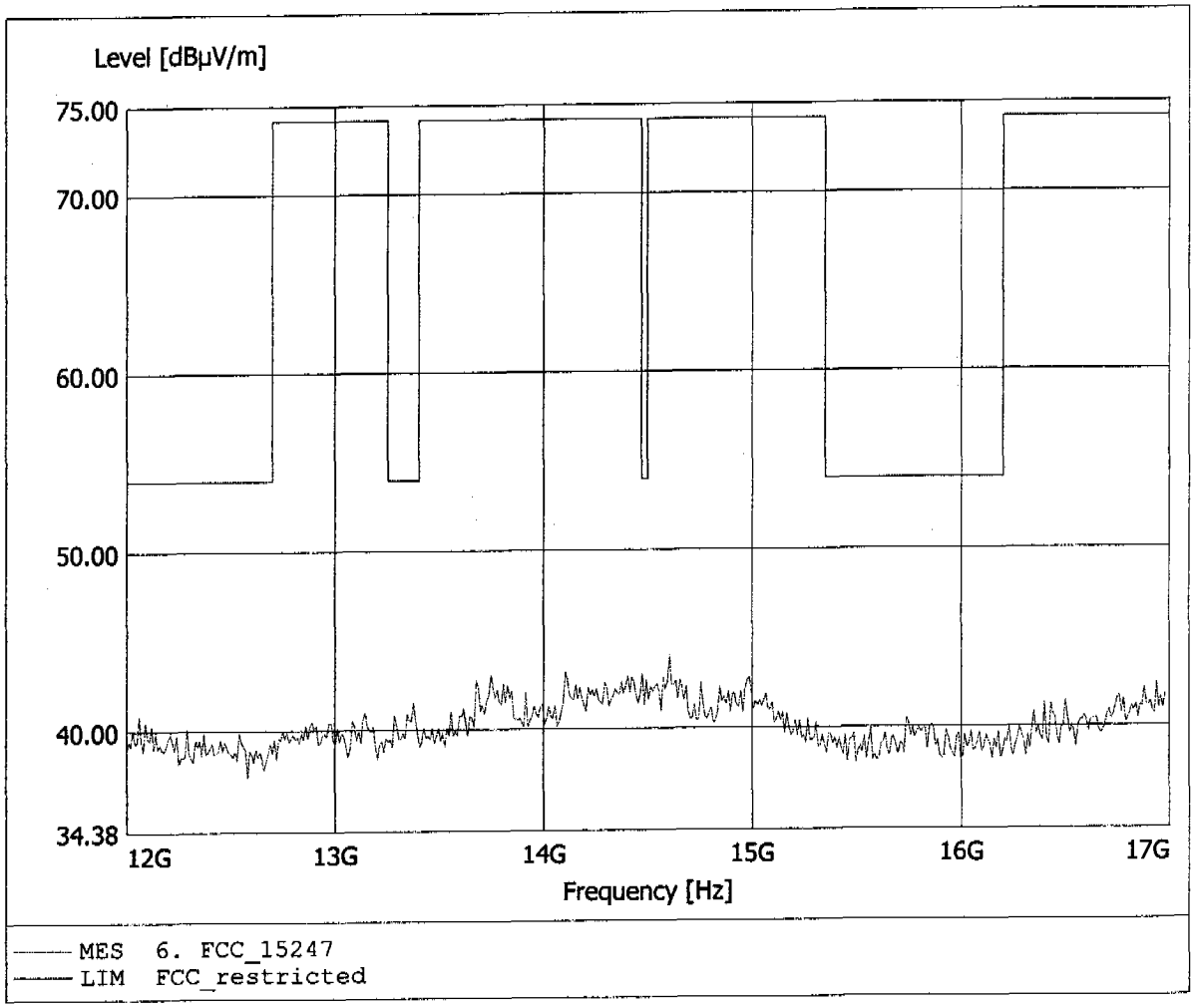
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2:	Freq: 14.996GHz, Emax: 43.61dBµV/m, RBW: 1MHz



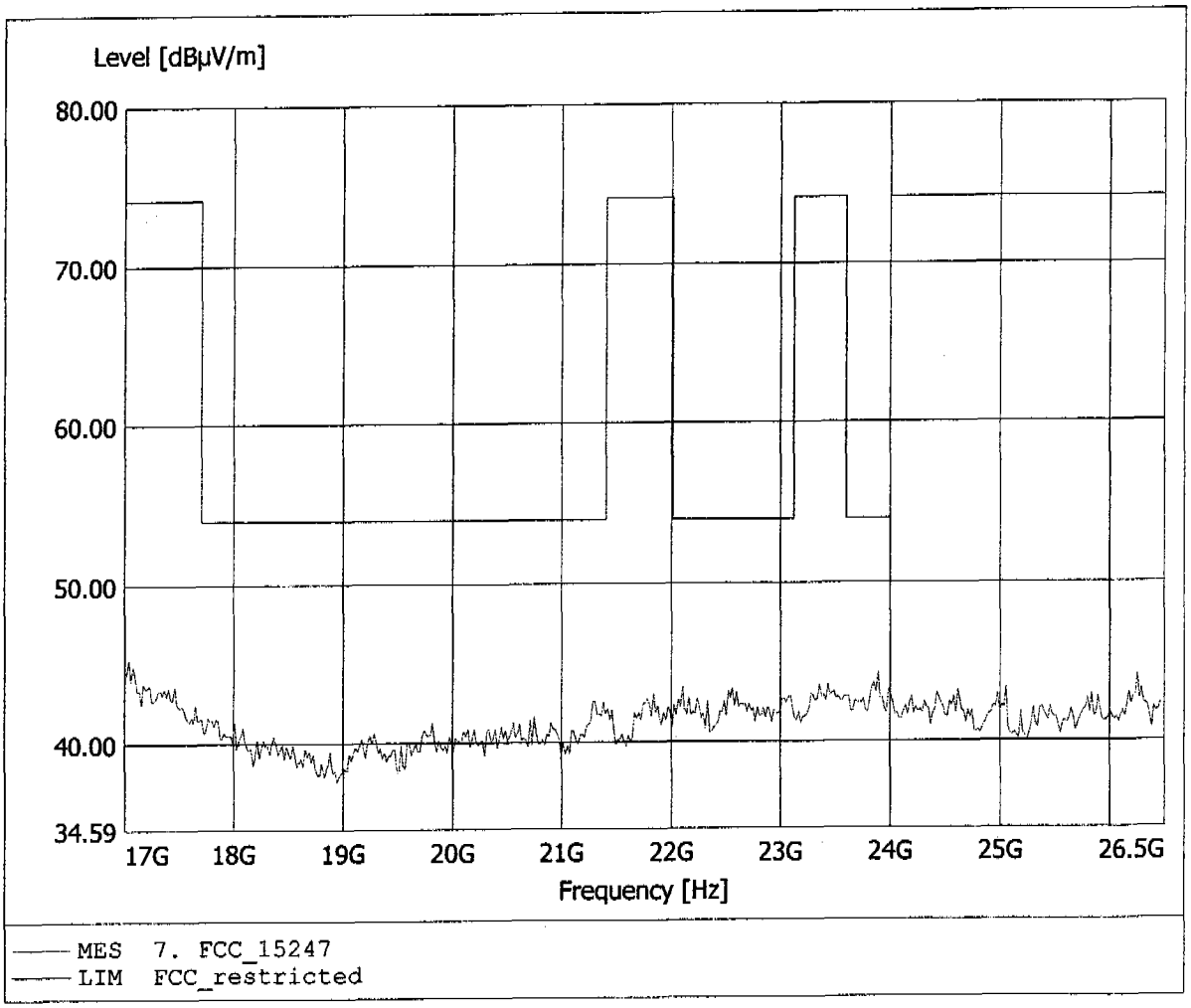
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2:	Freq: 14.605GHz, Emax: 44.03dBµV/m, RBW: 1MHz



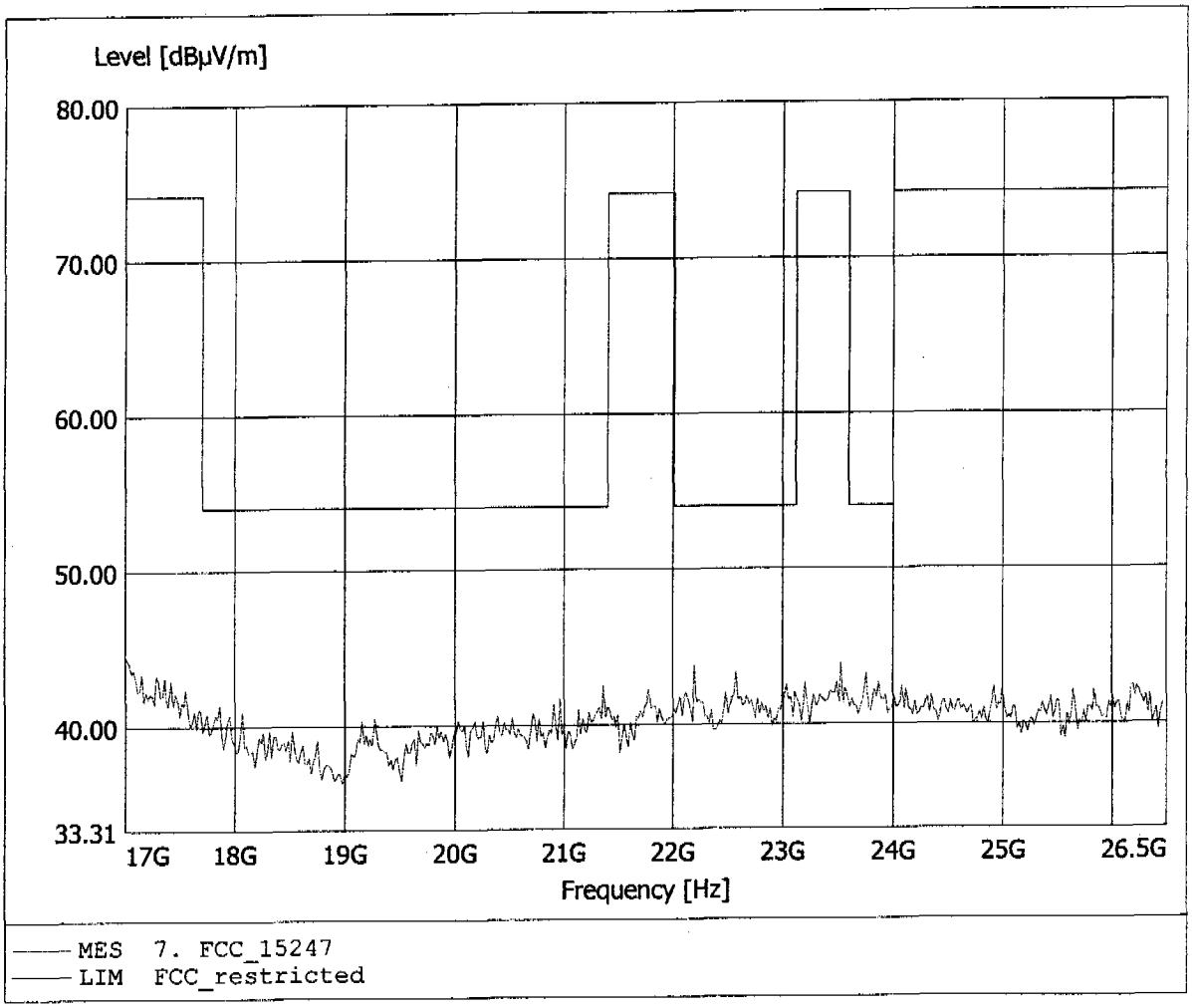
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: HL025, amplif.
Comment 2:	Freq: 17.038GHz, Emax: 45.29dBµV/m, RBW: 1MHz



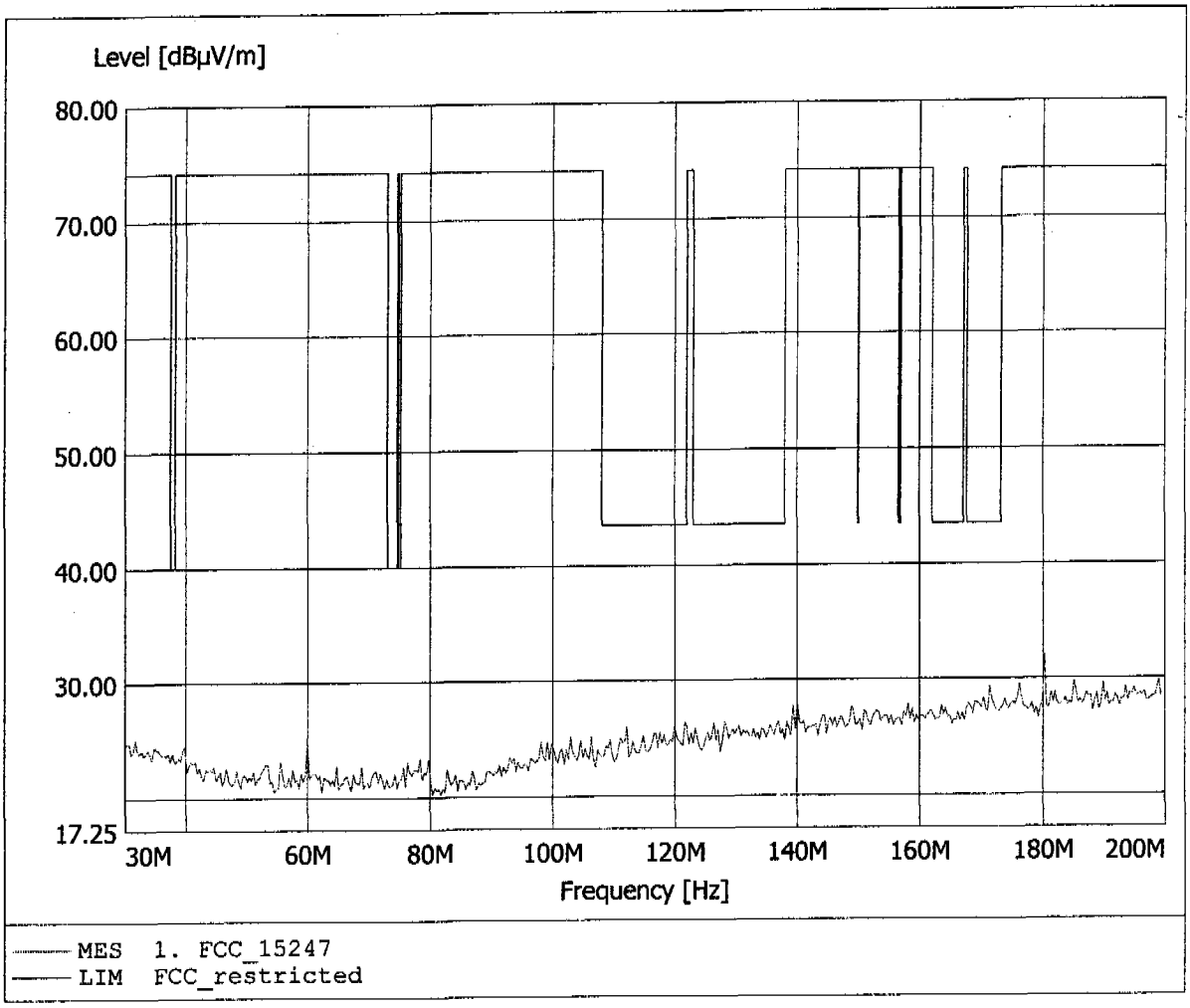
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2441 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: HL025, amplif.
Comment 2:	Freq: 17.000GHz, Emax: 44.57dBµV/m, RBW: 1MHz



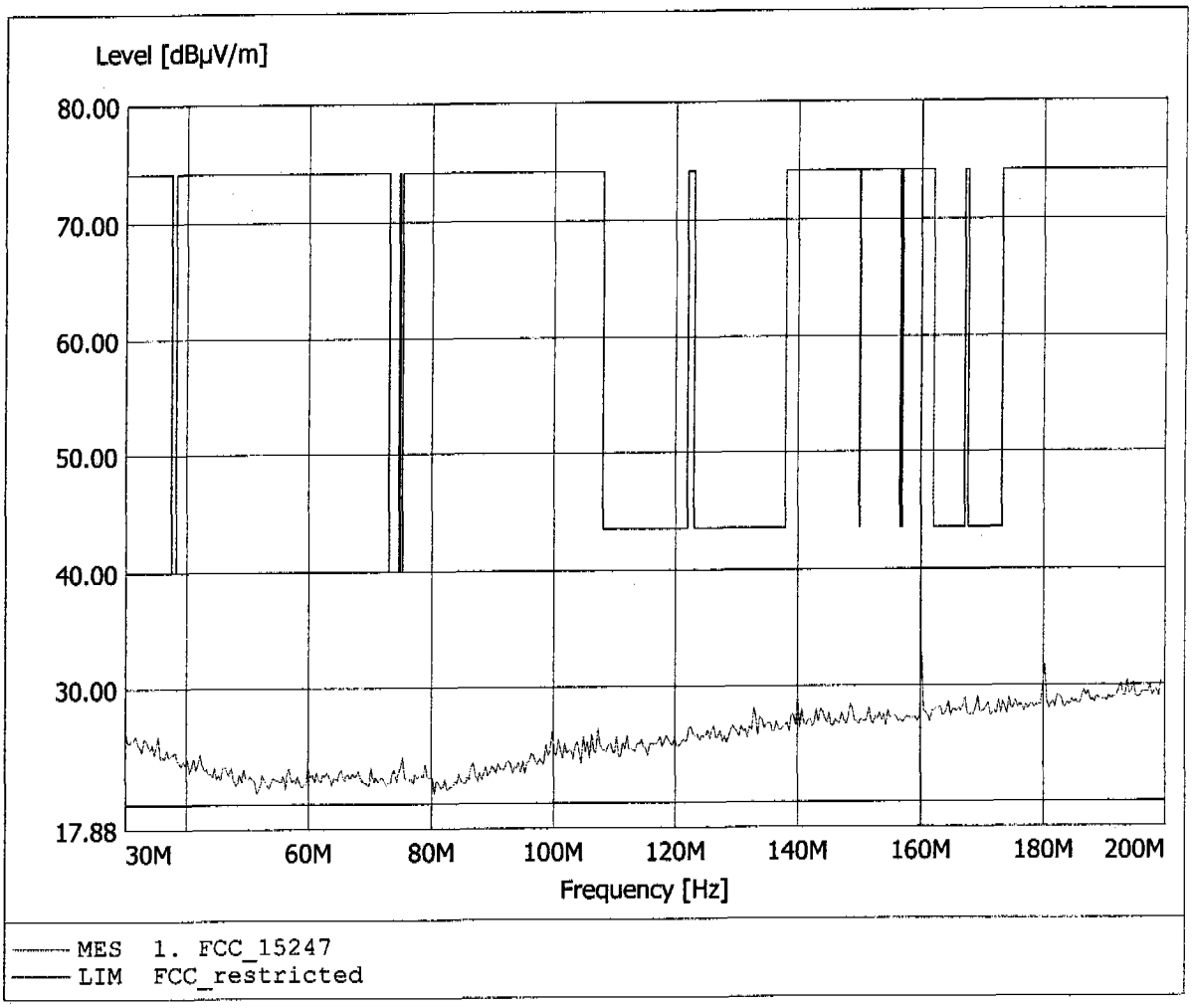
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: HK 116
Comment 2:	Freq: 180.240MHz, Emax: 32.04dBµV/m, RBW: 100kHz



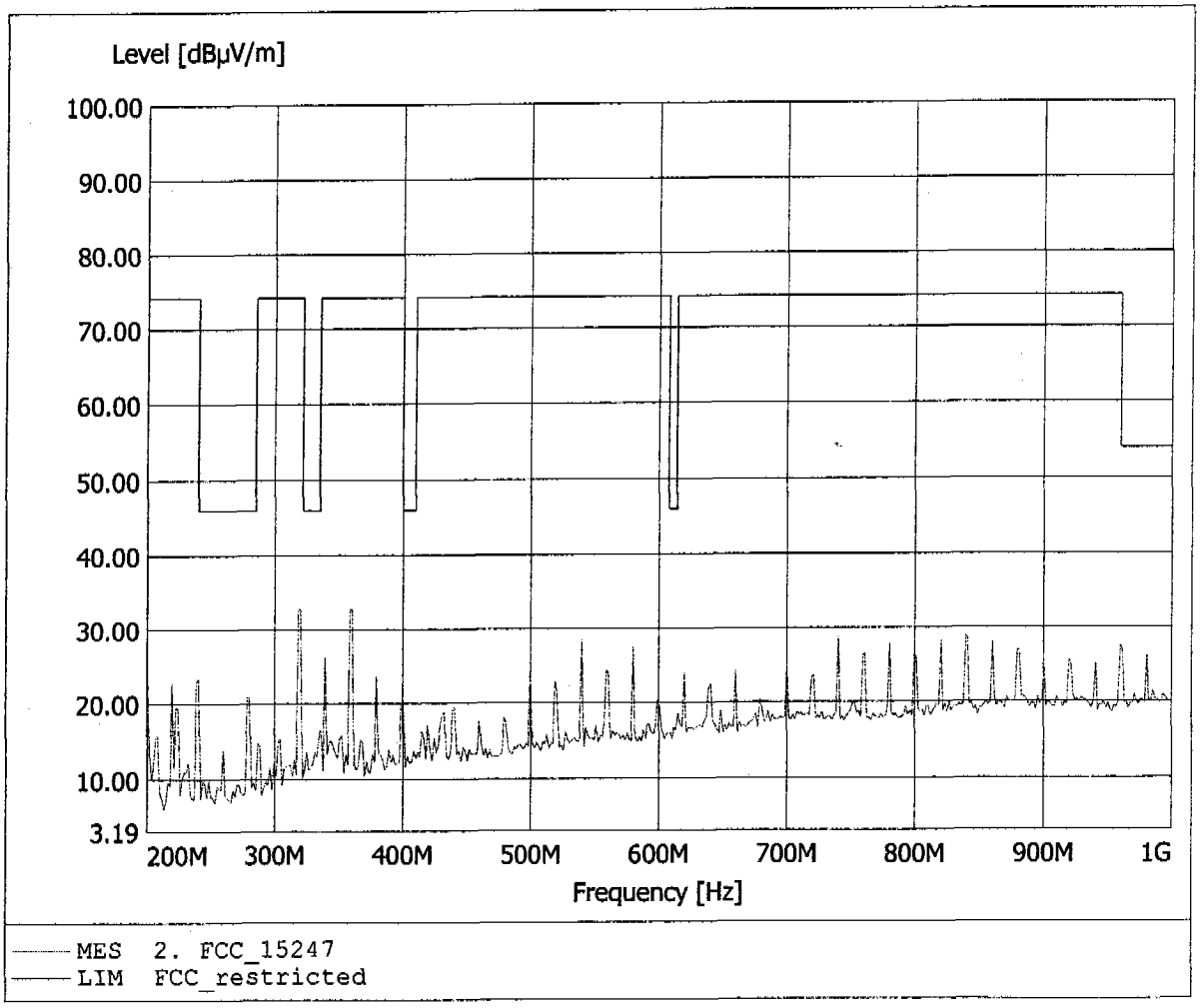
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: HK 116
Comment 2:	Freq: 160.140MHz, Emax: 32.73dBµV/m, RBW: 100kHz



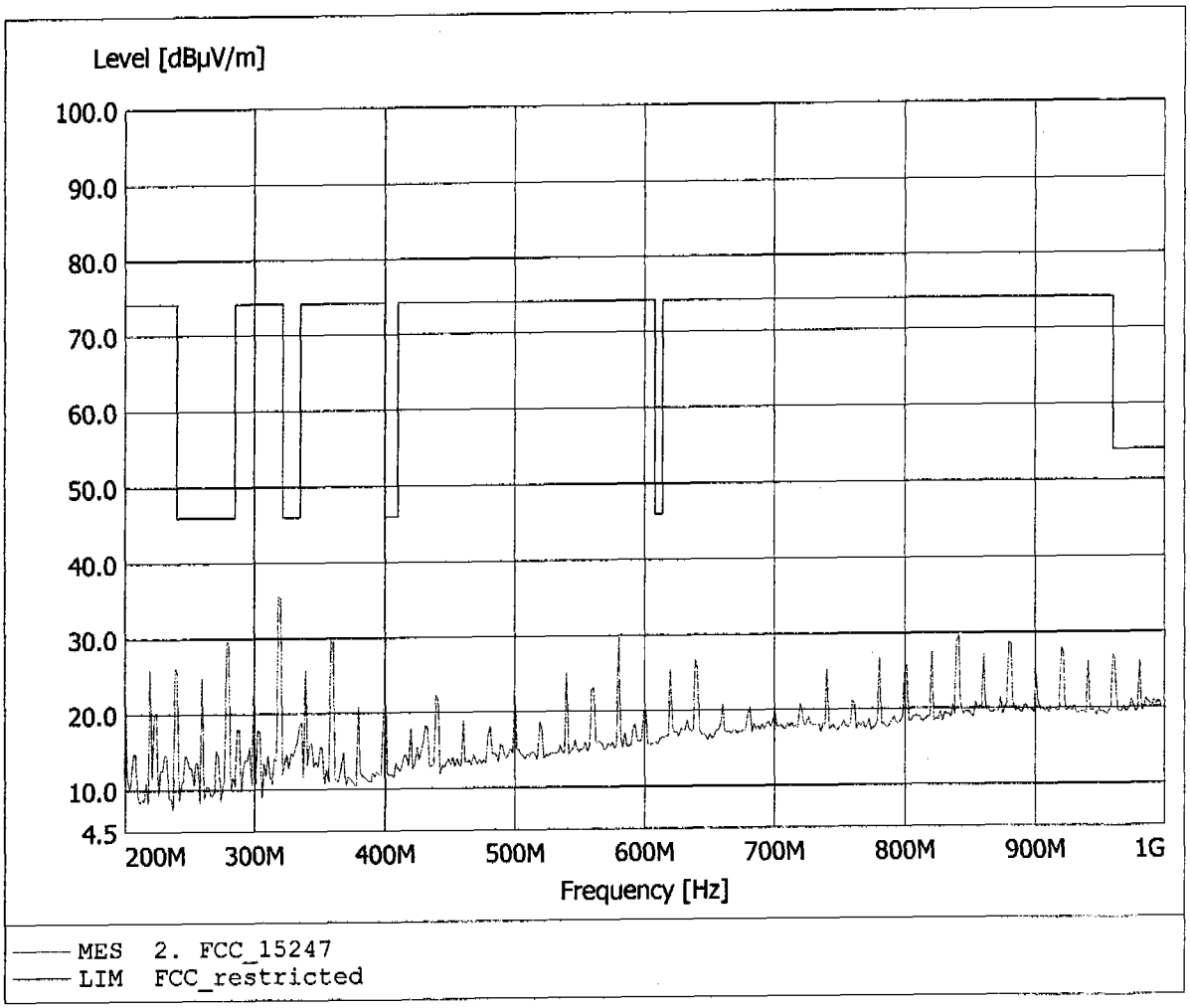
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: HL 223, amplif.
Comment 2:	Freq: 318.637MHz, Emax: 32.76dBµV/m, RBW: 100kHz



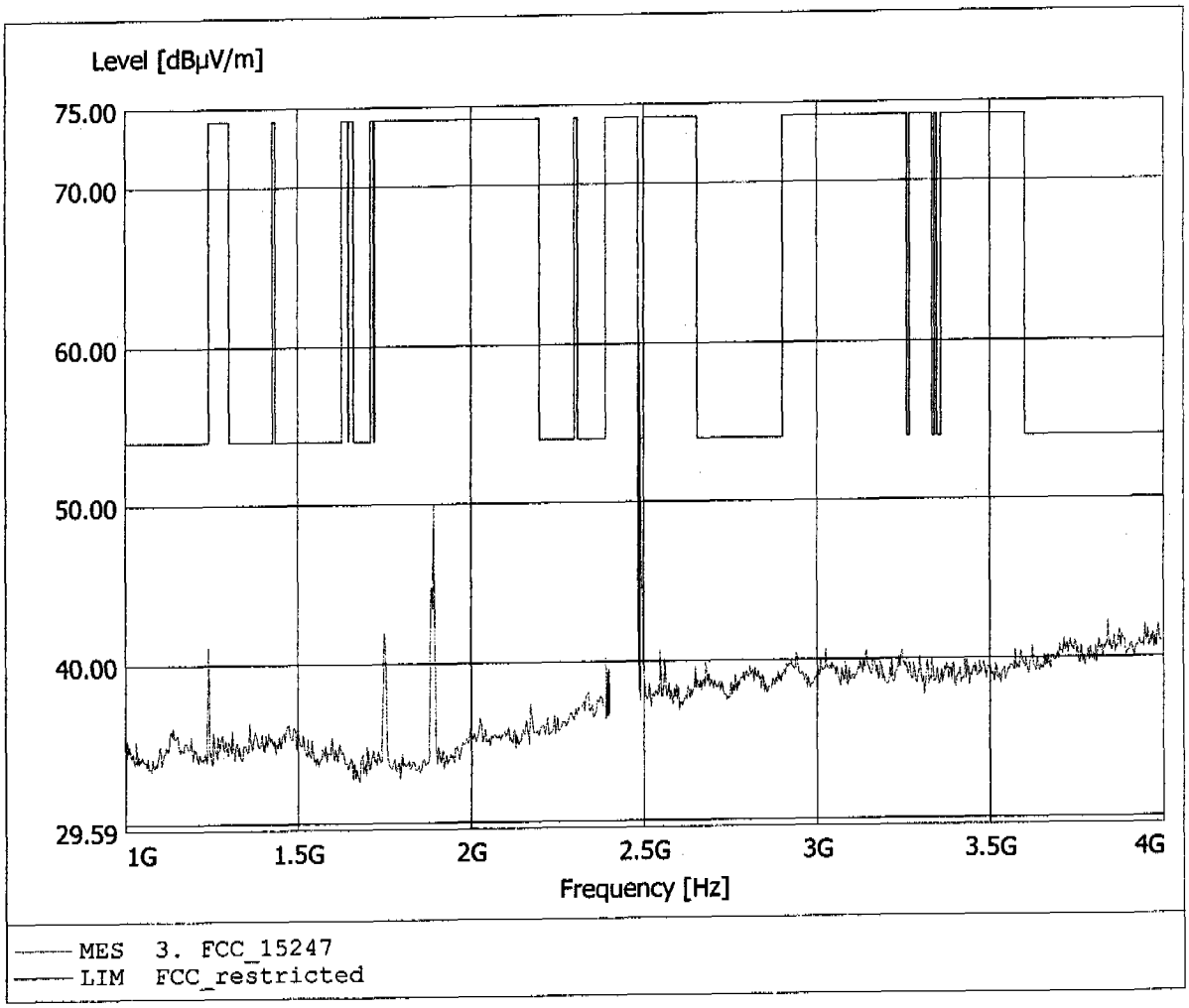
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: HL 223, amplif.
Comment 2:	Freq: 318.637MHz, Emax: 35.49dBµV/m, RBW: 100kHz



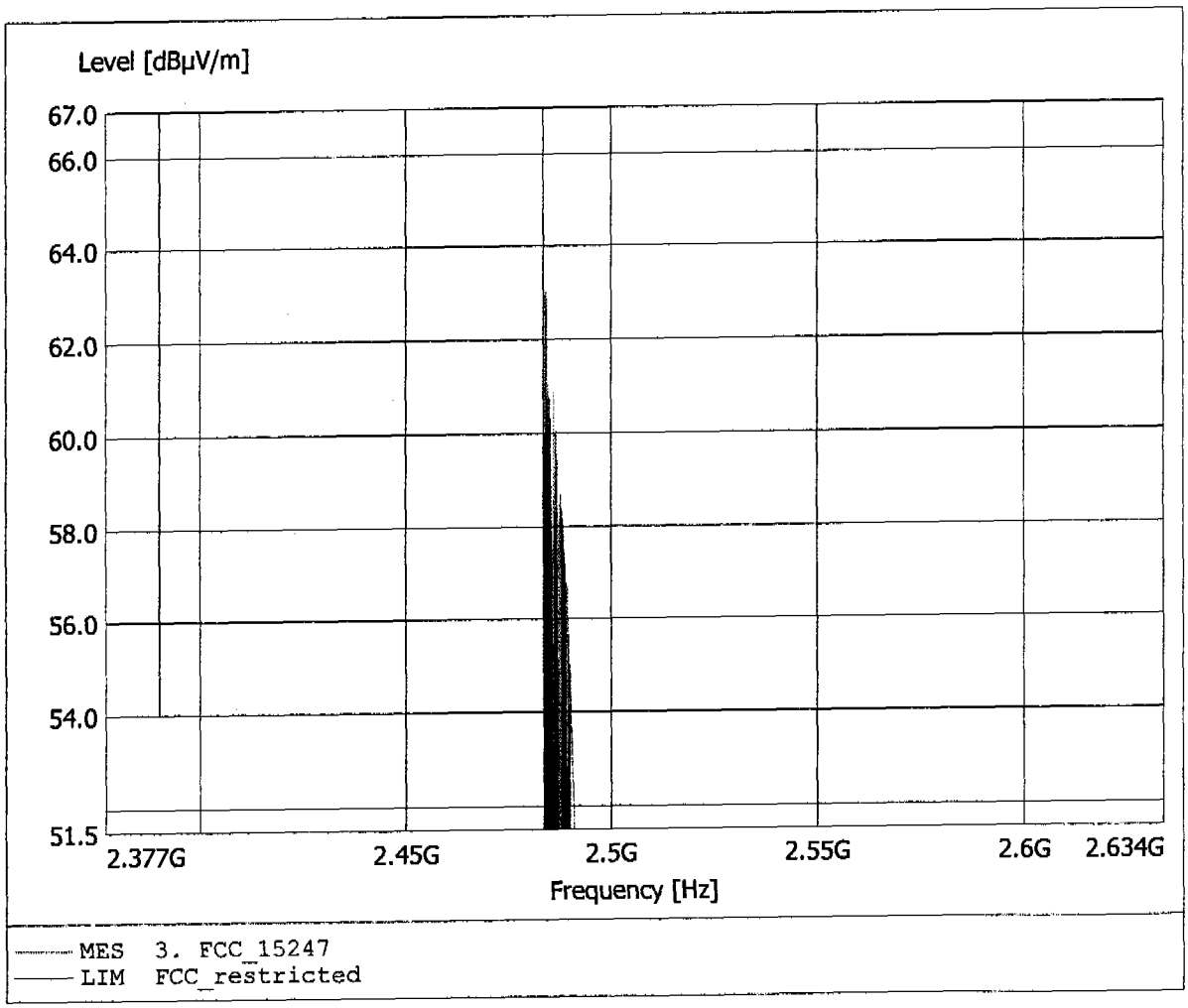
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2:	Freq: 2.484GHz, Emax: 64.69dBµV/m, RBW: 1MHz



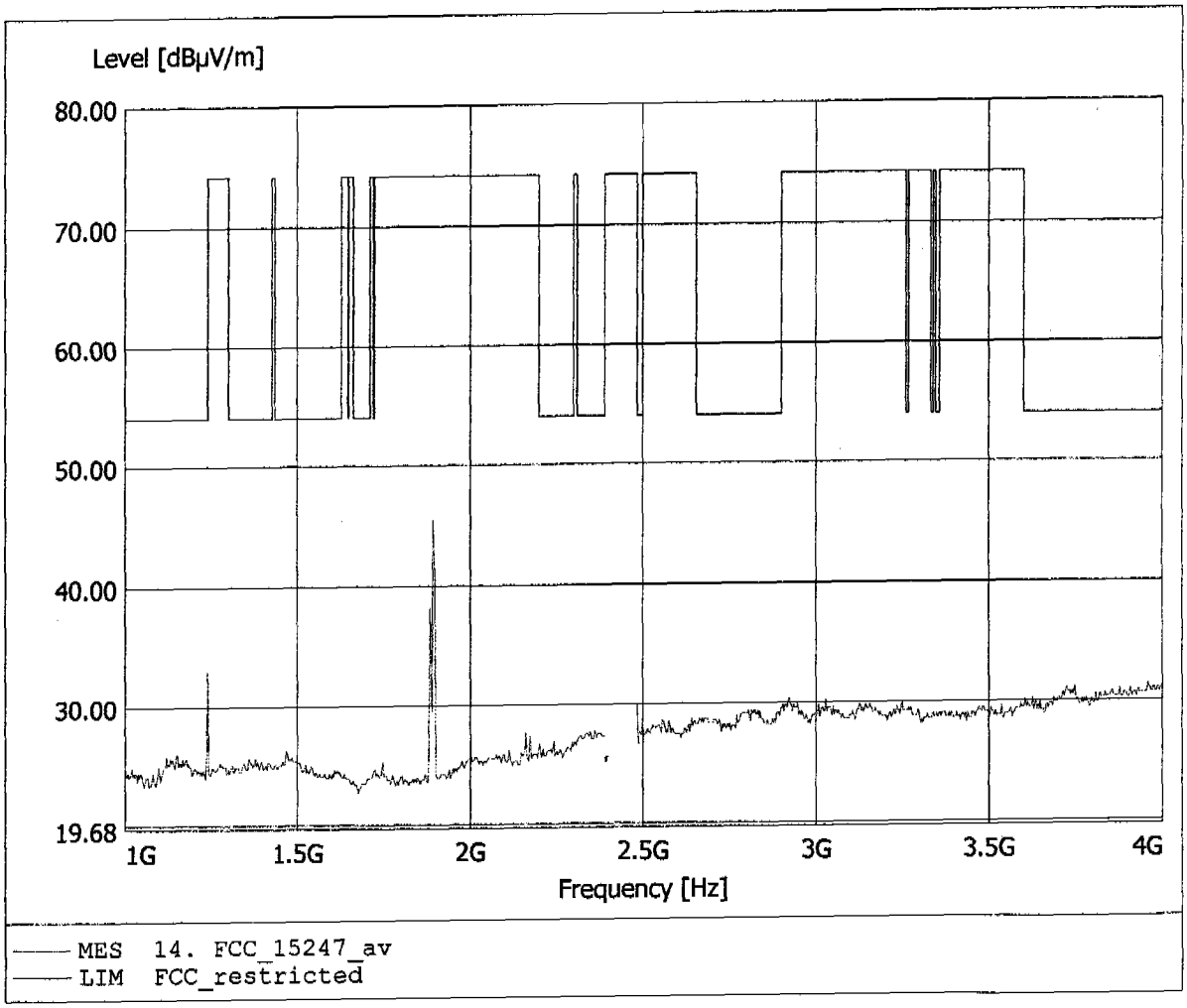
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2:	Freq: 2.484GHz, Emax: 64.69dBµV/m, RBW: 1MHz



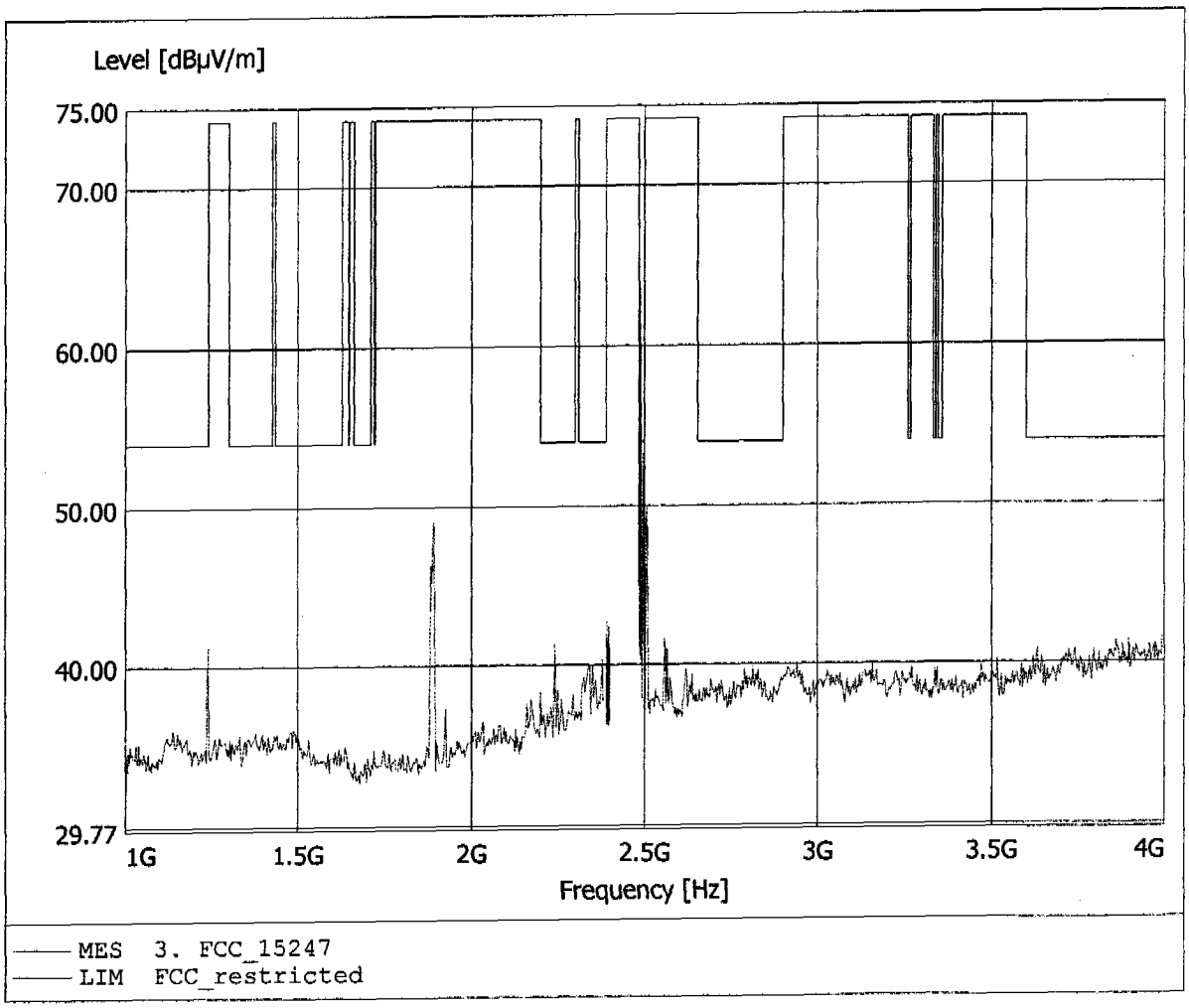
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, average detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2:	Freq: 1.891GHz, Emax: 45.46dBµV/m, RBW: 1MHz



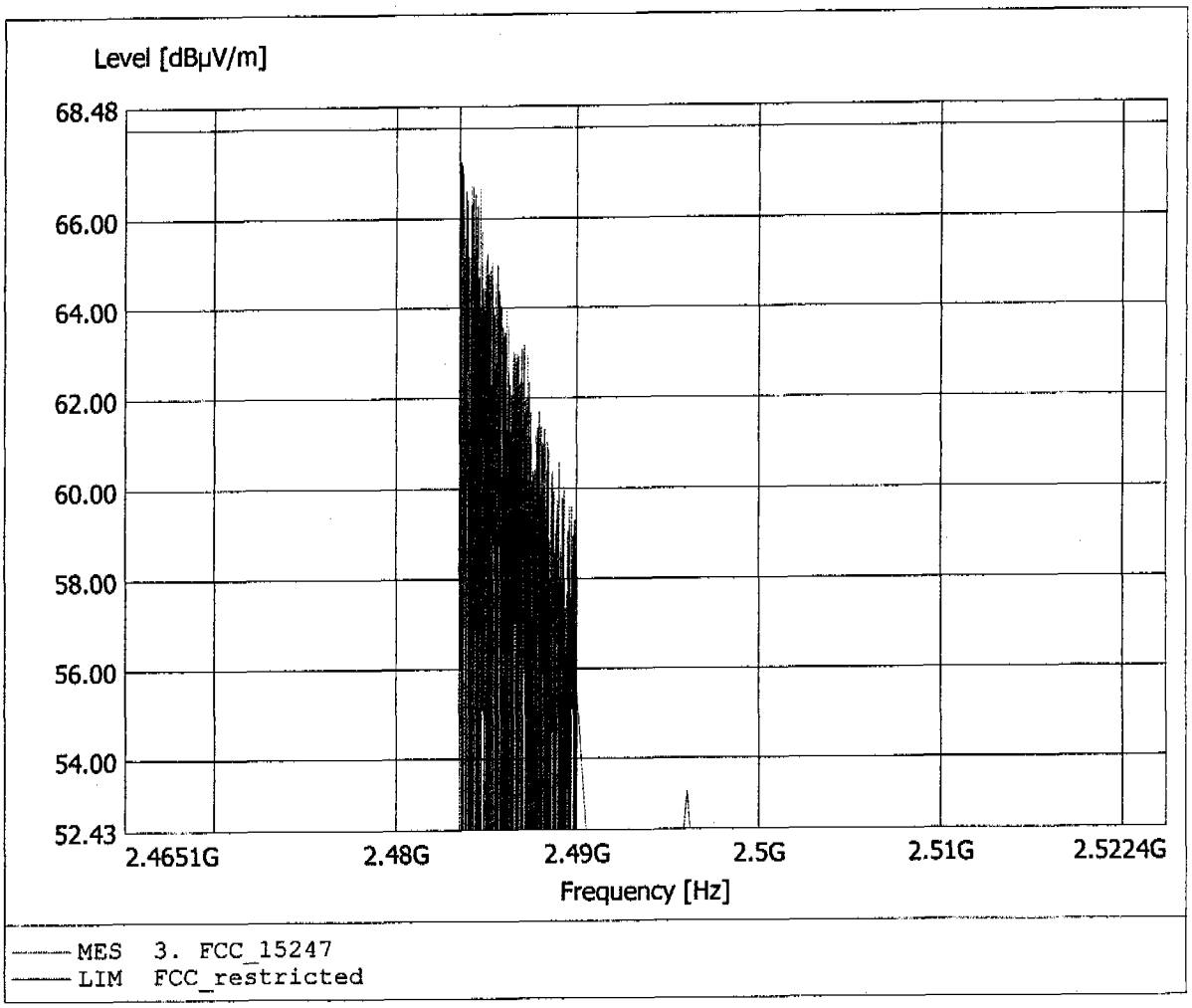
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2:	Freq: 2.484GHz, Emax: 67.25dBµV/m, RBW: 1MHz



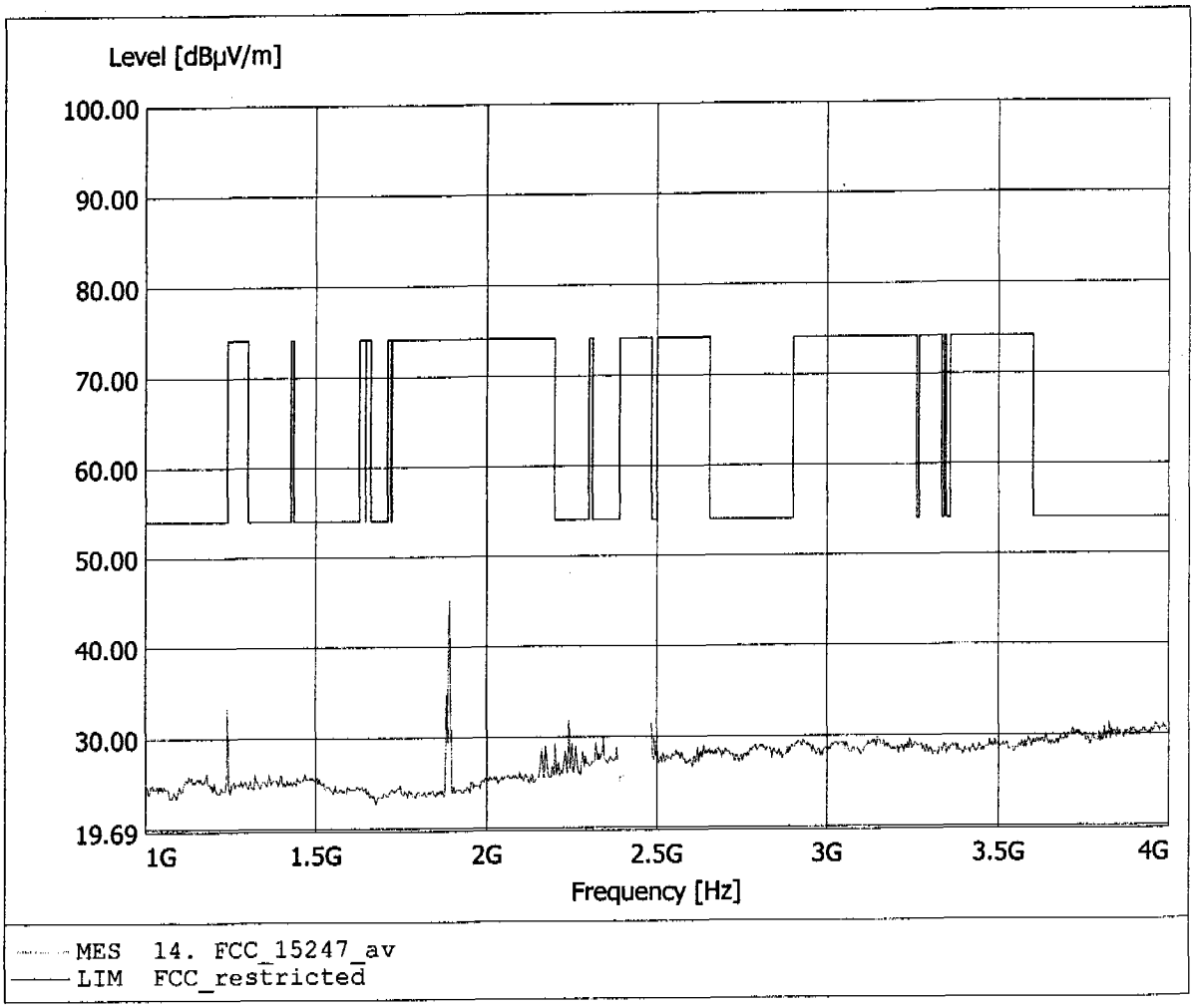
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2:	Freq: 2.484GHz, Emax: 67.25dBµV/m, RBW: 1MHz



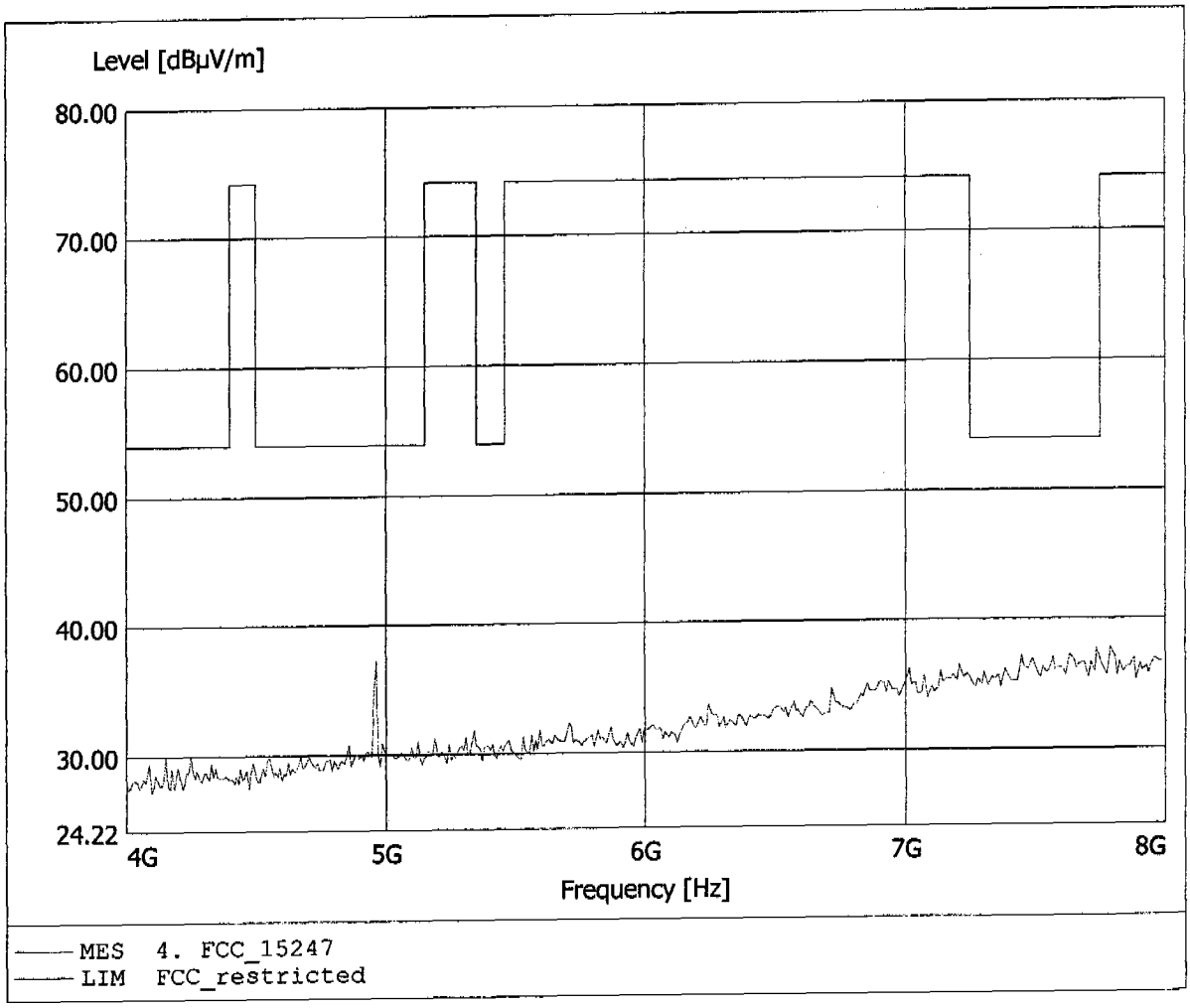
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, average detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2:	Freq: 1.891GHz, Emax: 45.24dBµV/m, RBW: 1MHz



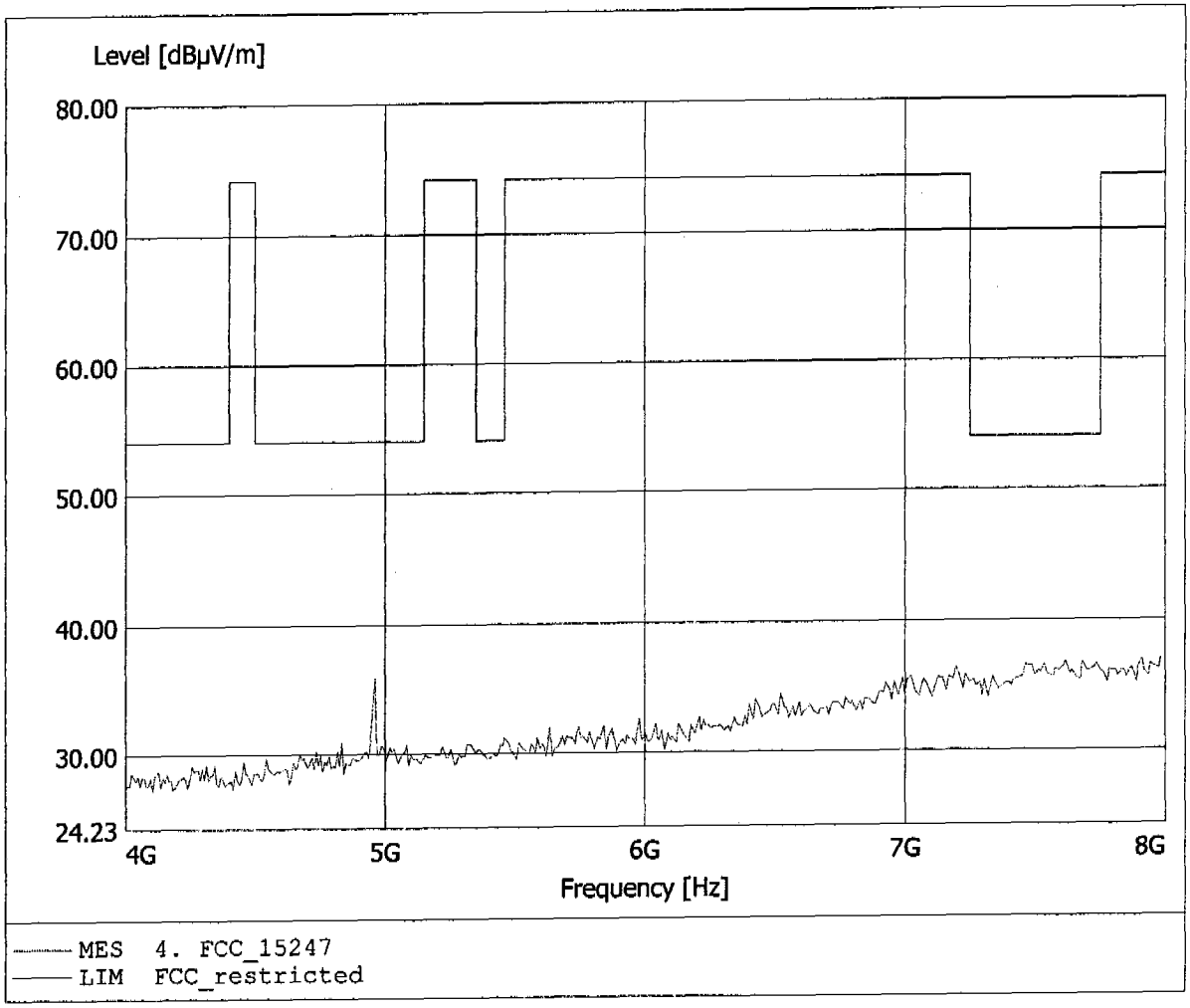
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2:	Freq: 7.792GHz, Emax: 37.78dBµV/m, RBW: 1MHz



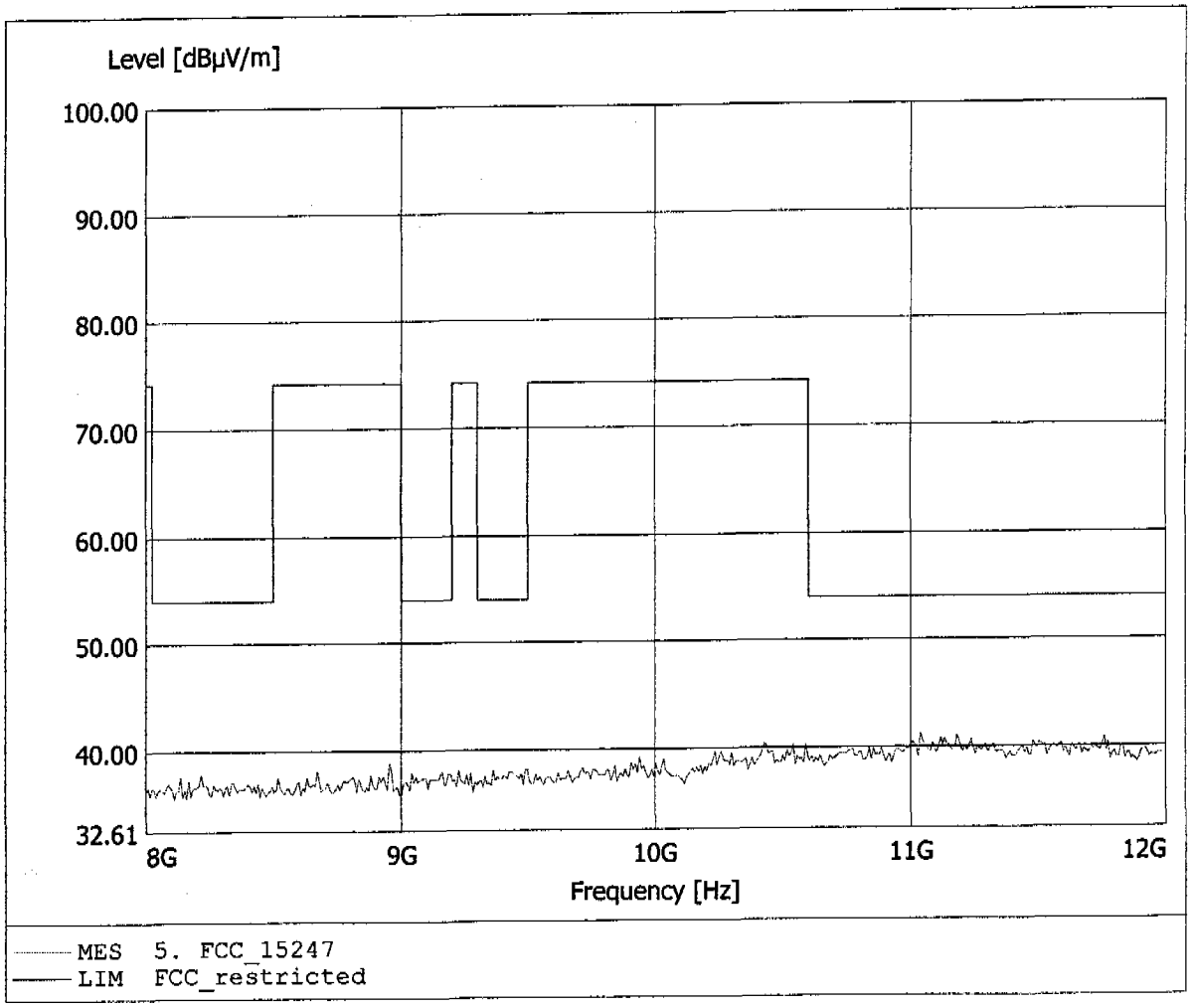
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2:	Freq: 7.984GHz, Emax: 37.06dBµV/m, RBW: 1MHz



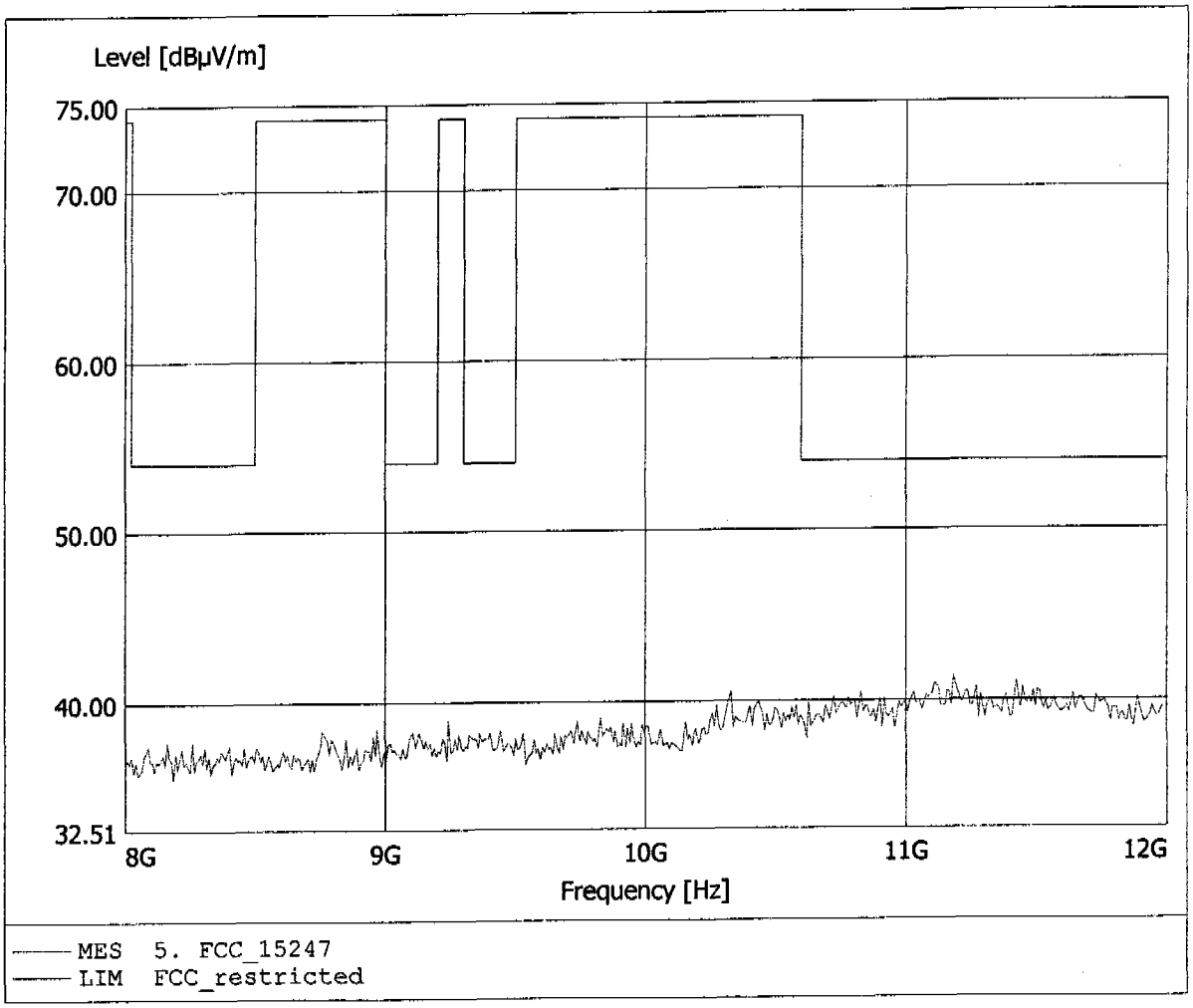
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2:	Freq: 11.038GHz, Emax: 41.26dBµV/m, RBW: 1MHz



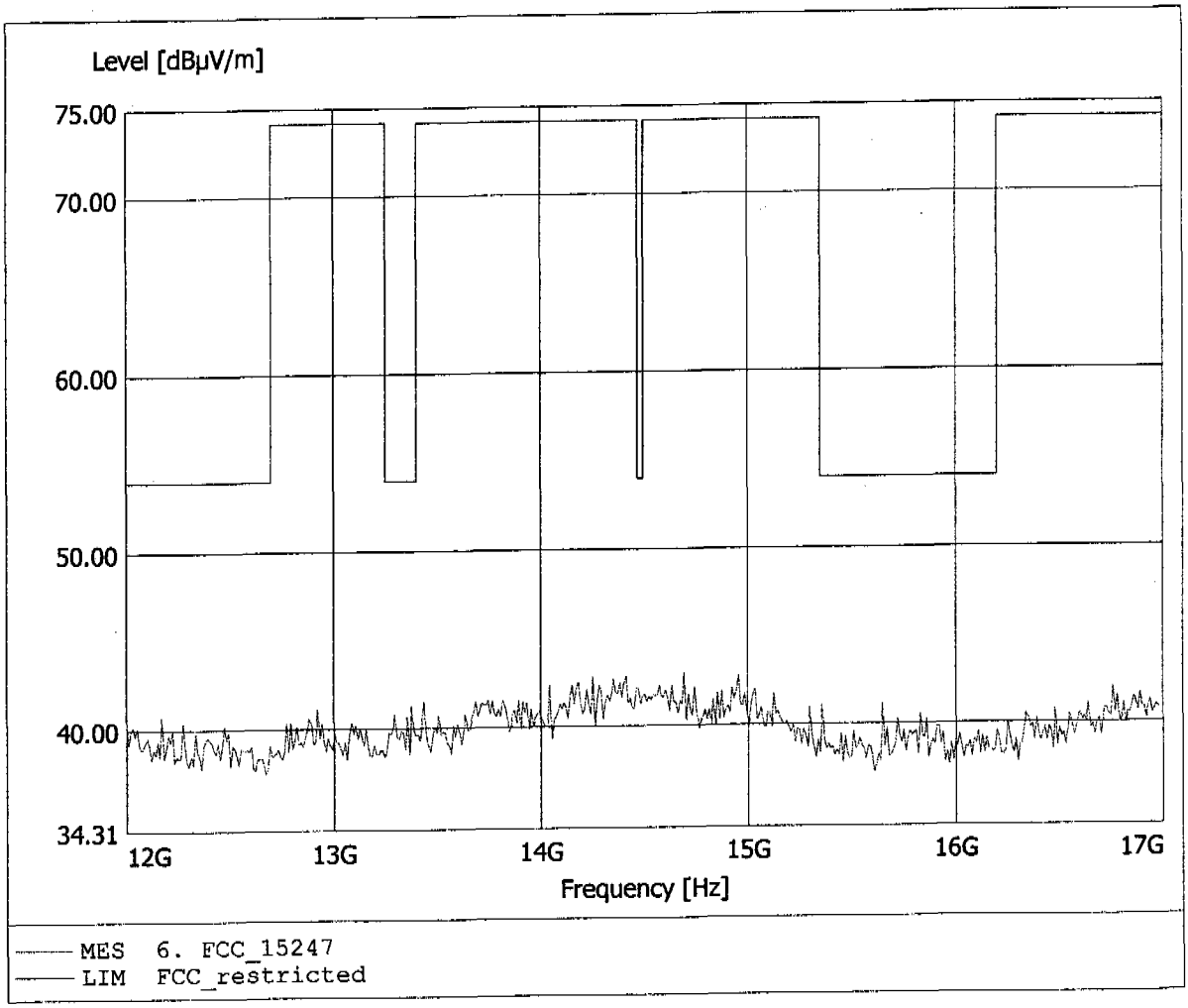
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2:	Freq: 11.182GHz, Emax: 41.39dBµV/m, RBW: 1MHz



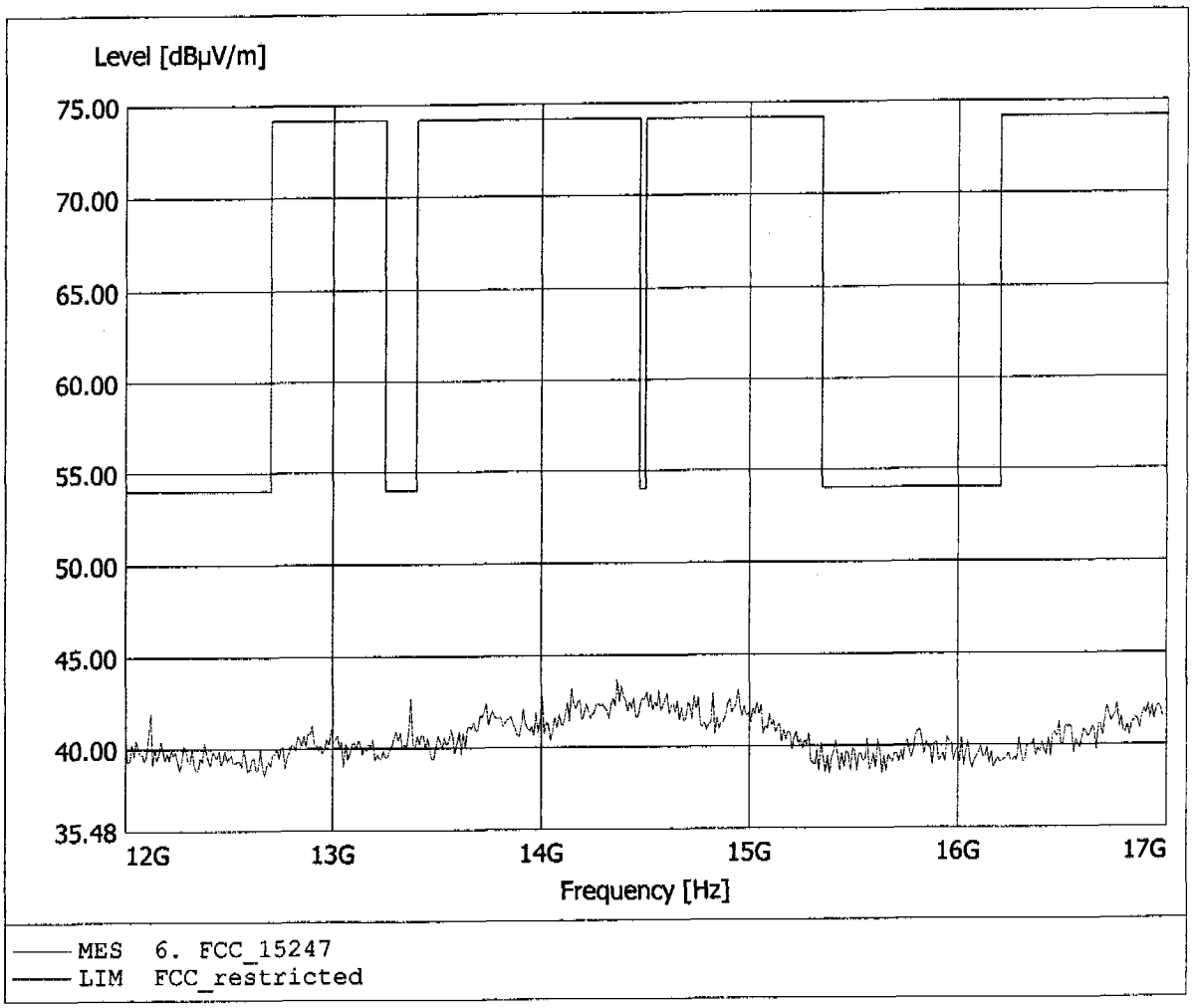
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2:	Freq: 14.695GHz, Emax: 42.96dBµV/m, RBW: 1MHz



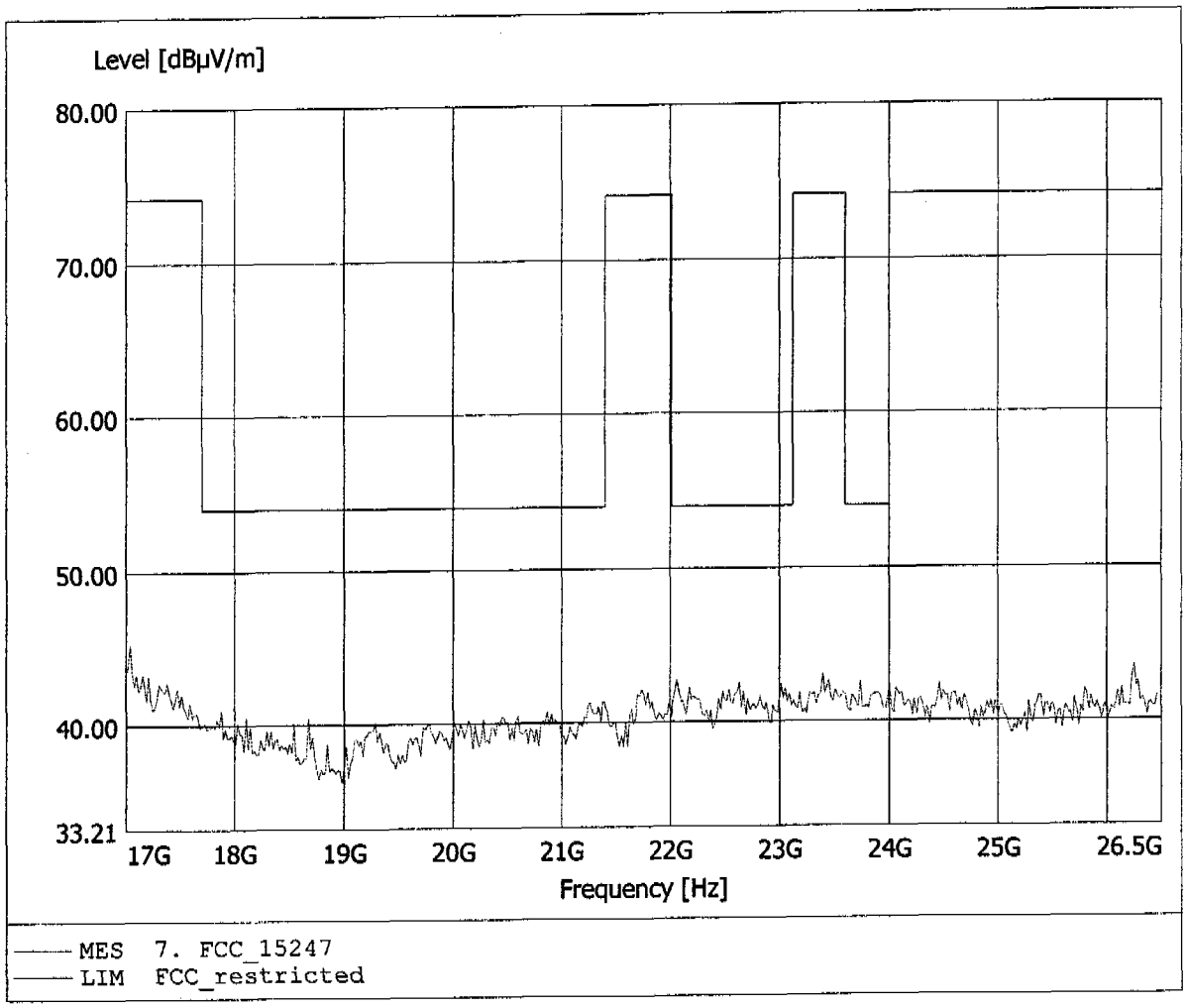
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2:	Freq: 14.365GHz, Emax: 43.70dBµV/m, RBW: 1MHz



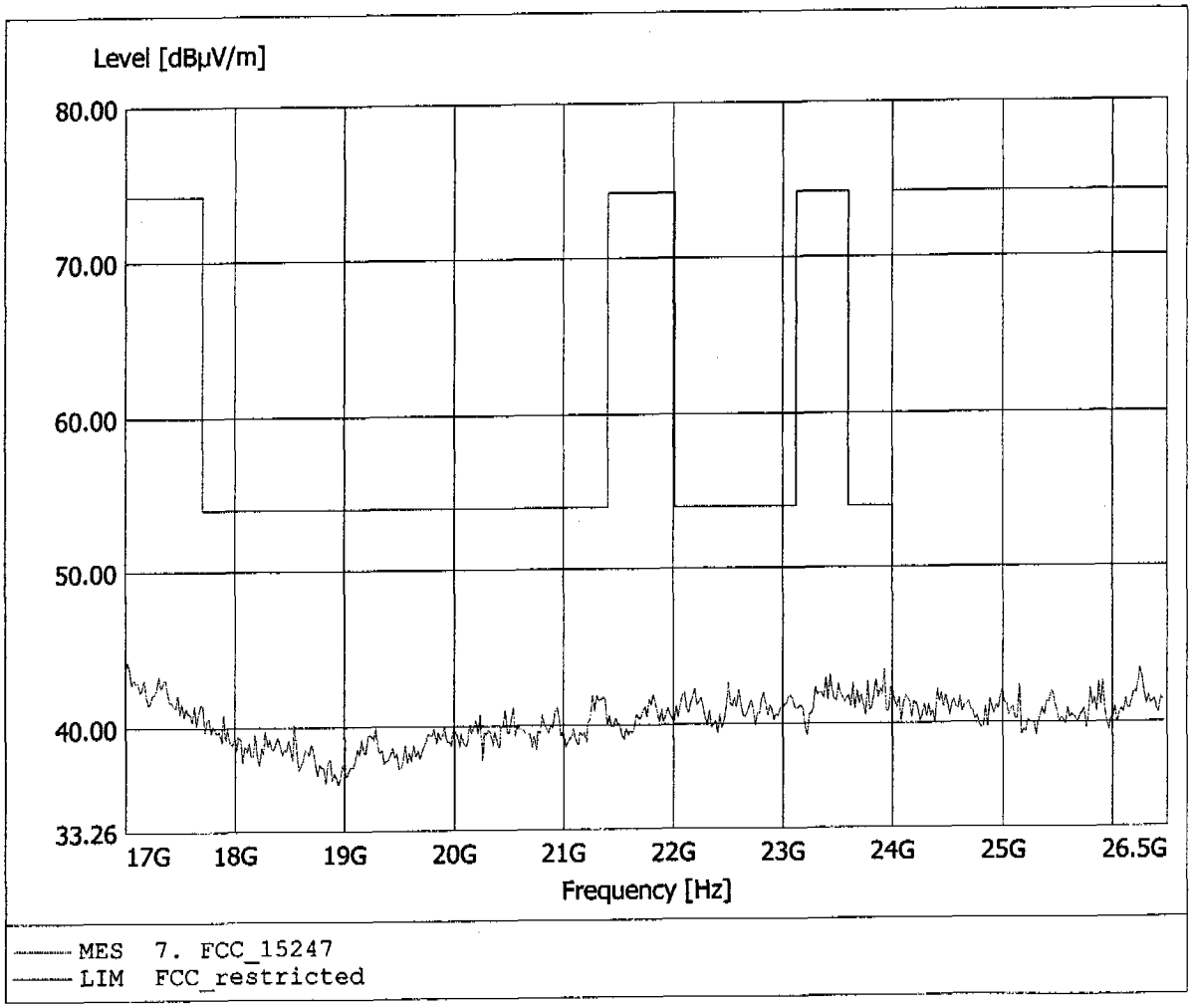
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: HL025, amplif.
Comment 2:	Freq: 17.038GHz, Emax: 45.24dBµV/m, RBW: 1MHz



Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT:	Bluetooth audio gateway
Model:	GN6110CU / 2480 MHz
Approval Holder:	GN Netcom as
Operating Condition:	Tnom: 23°C / Unom: 7.5 V DC (120 V AC/DC adaptor)
Test Site / Operator:	ETS / Mr. Fleischer
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: HL025, amplif.
Comment 2:	Freq: 17.019GHz, Emax: 44.20dBµV/m, RBW: 1MHz

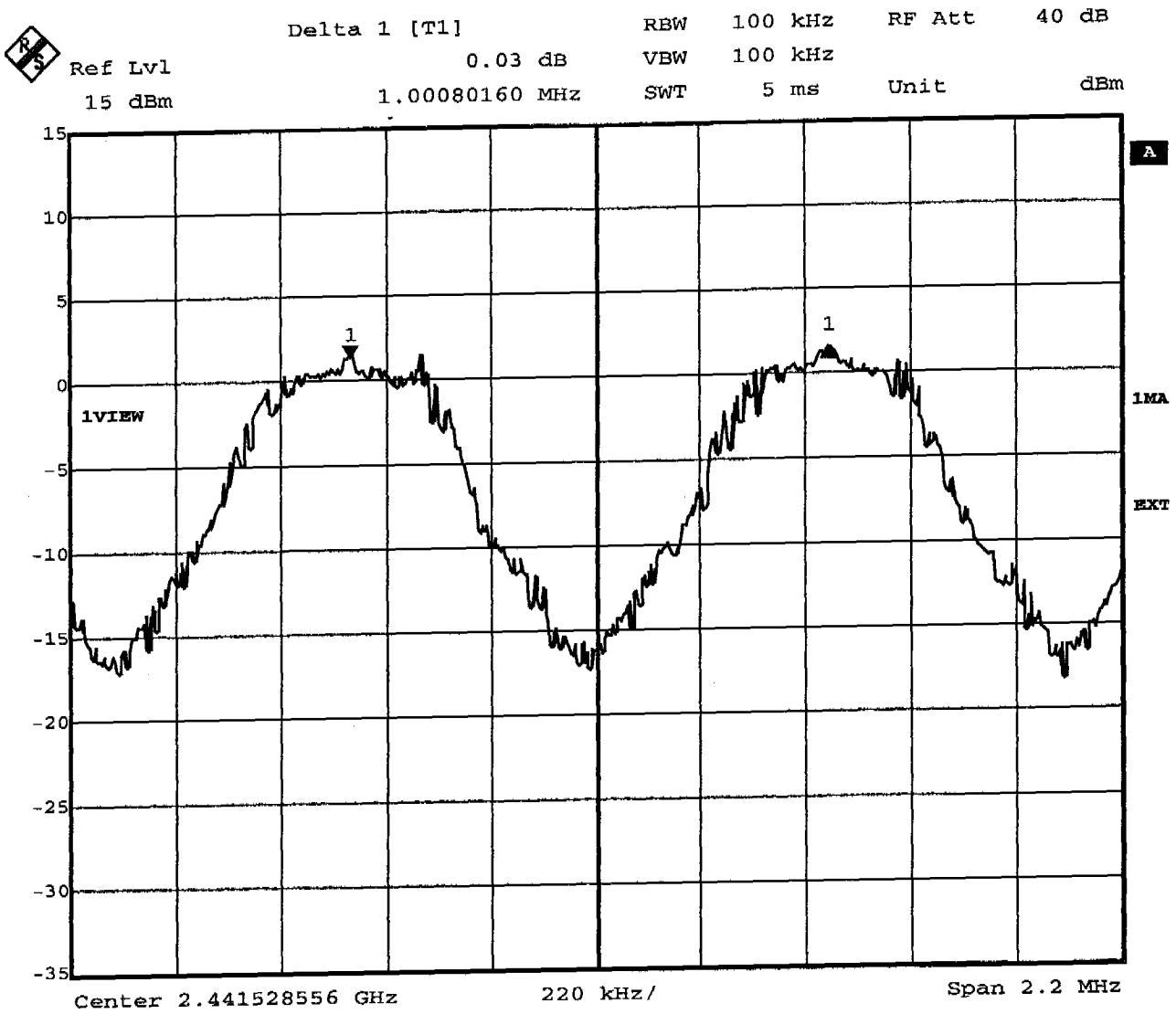


Appendix D

Spurious Emissions conducted - Transmitter operating

Appendix E

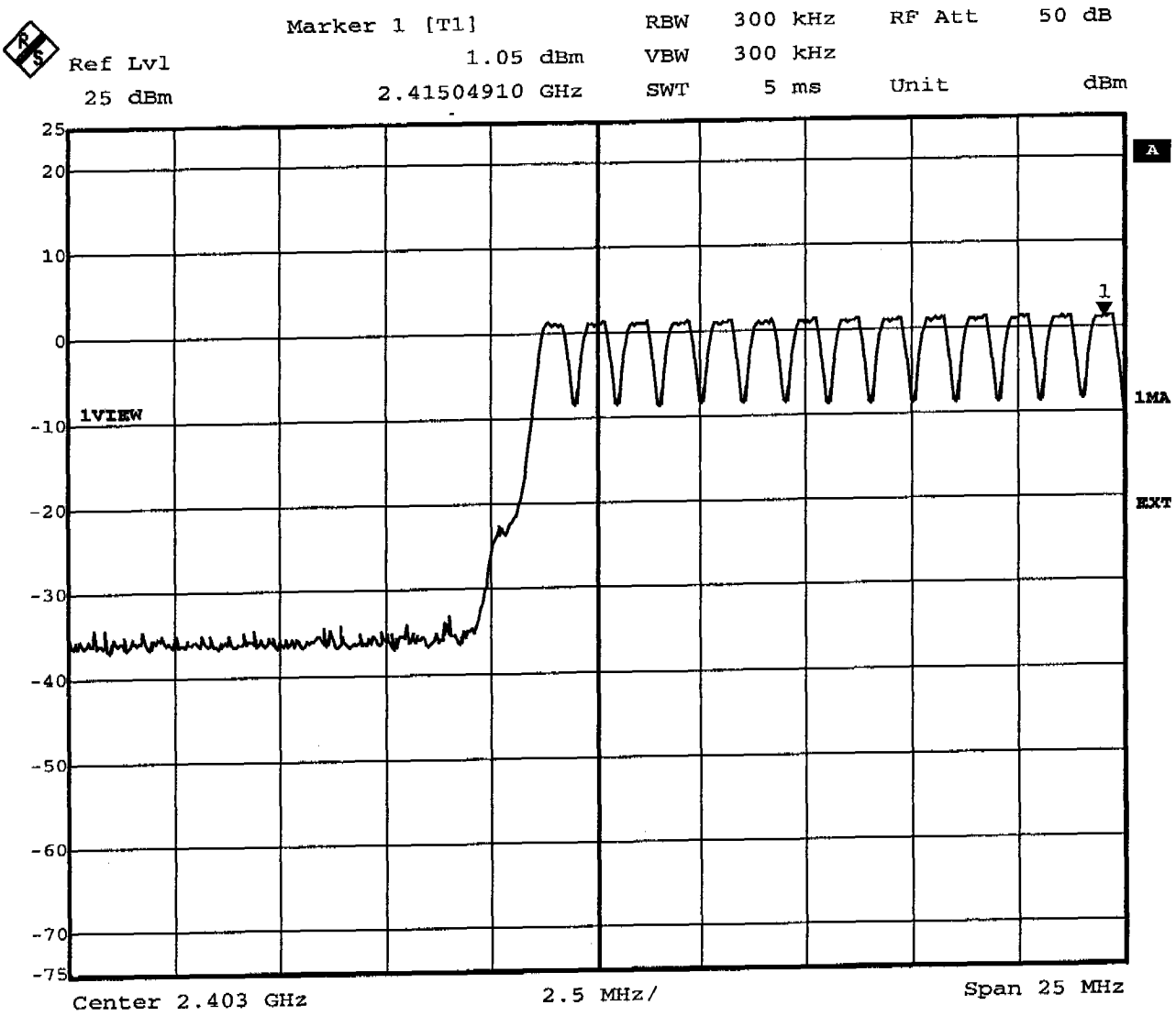
Carrier Frequency Separation



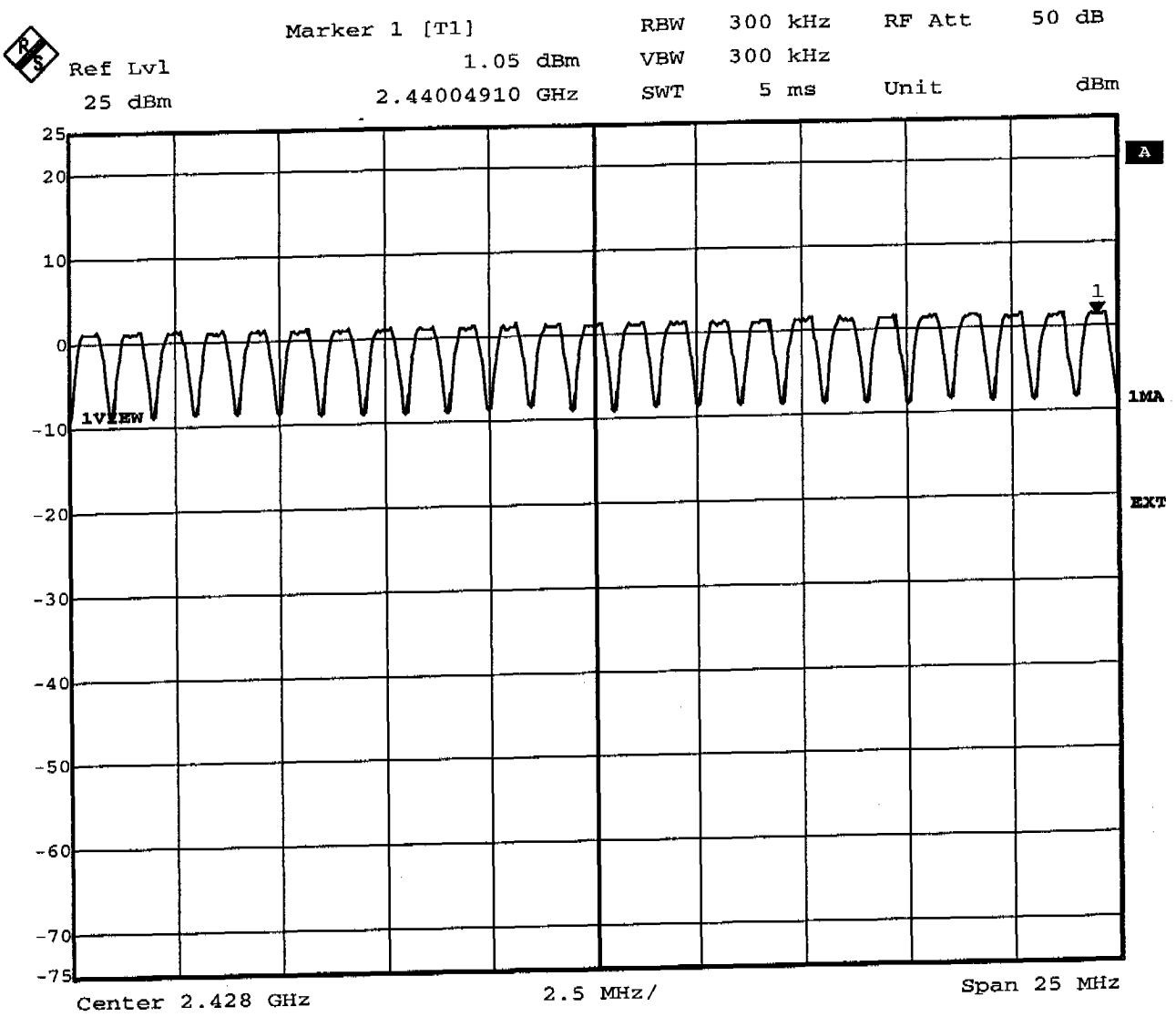
Title: Carrier Frequency Separation
Comment A: GN6110CU
Date: 30.OCT.2003 09:54:39

Appendix F

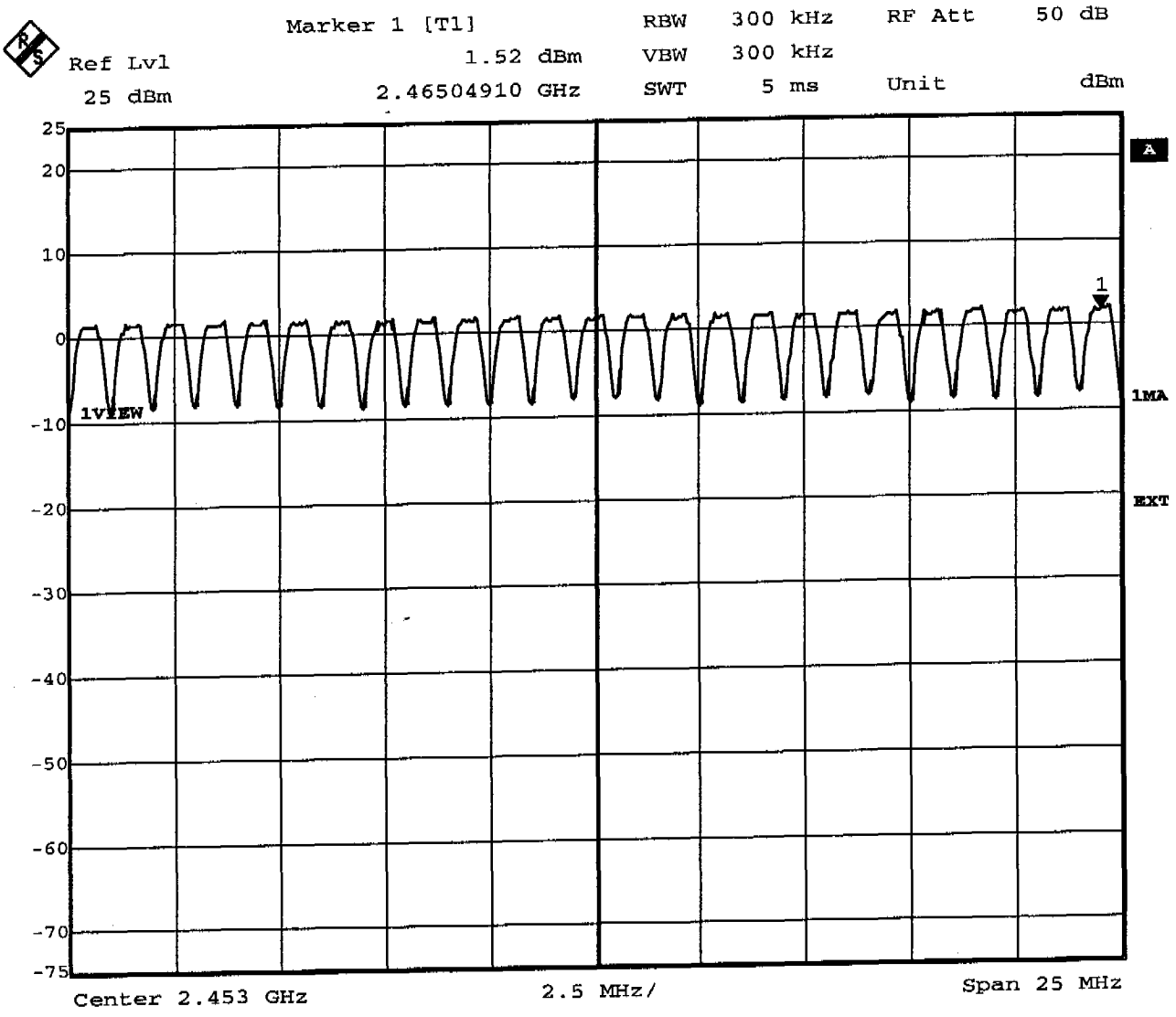
Number of Hopping Frequencies



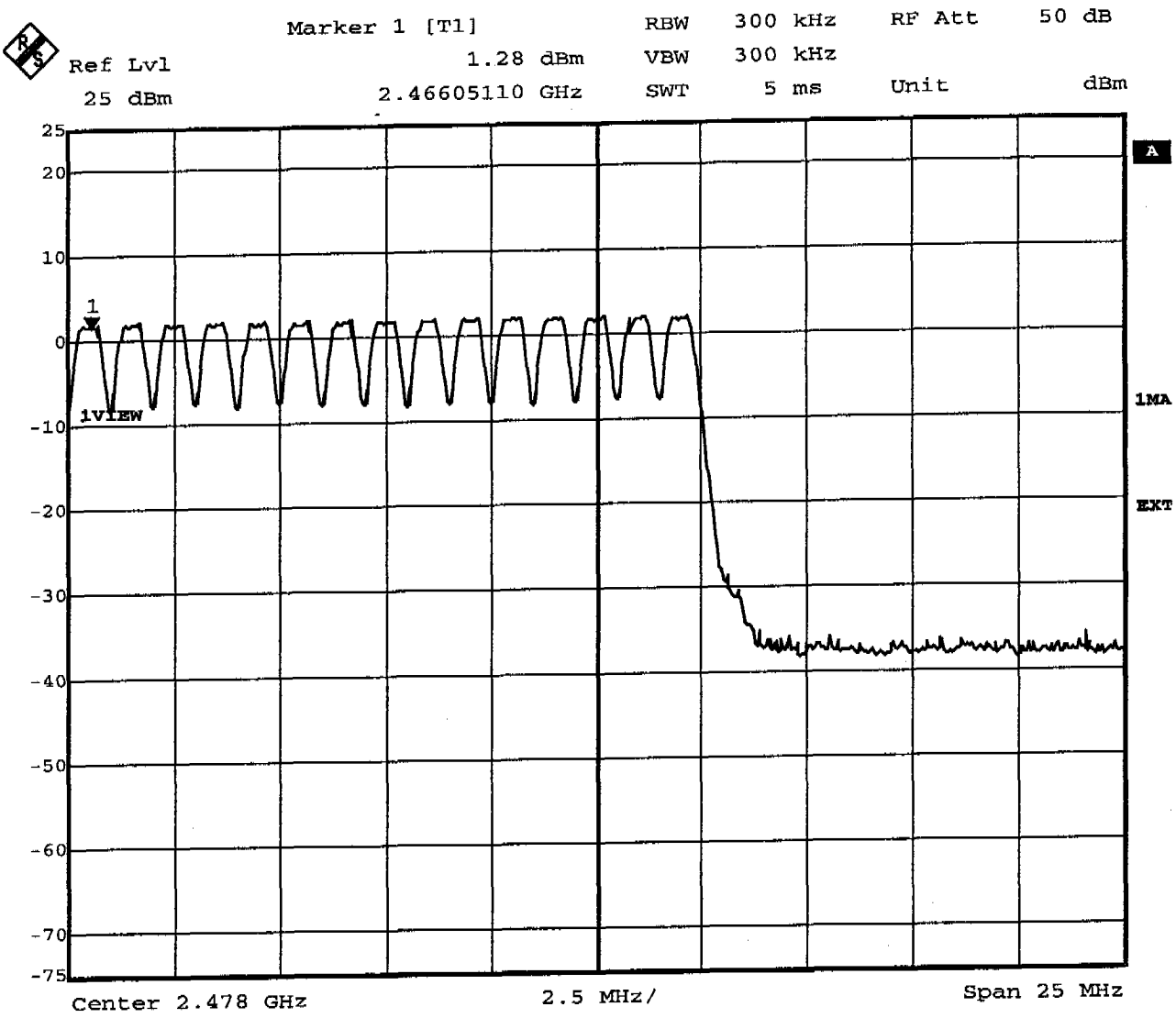
Title: Number of Hopping Frequencies Ch.: 0-13
Comment A: GN6110CU
Date: 30.OCT.2003 10:05:01



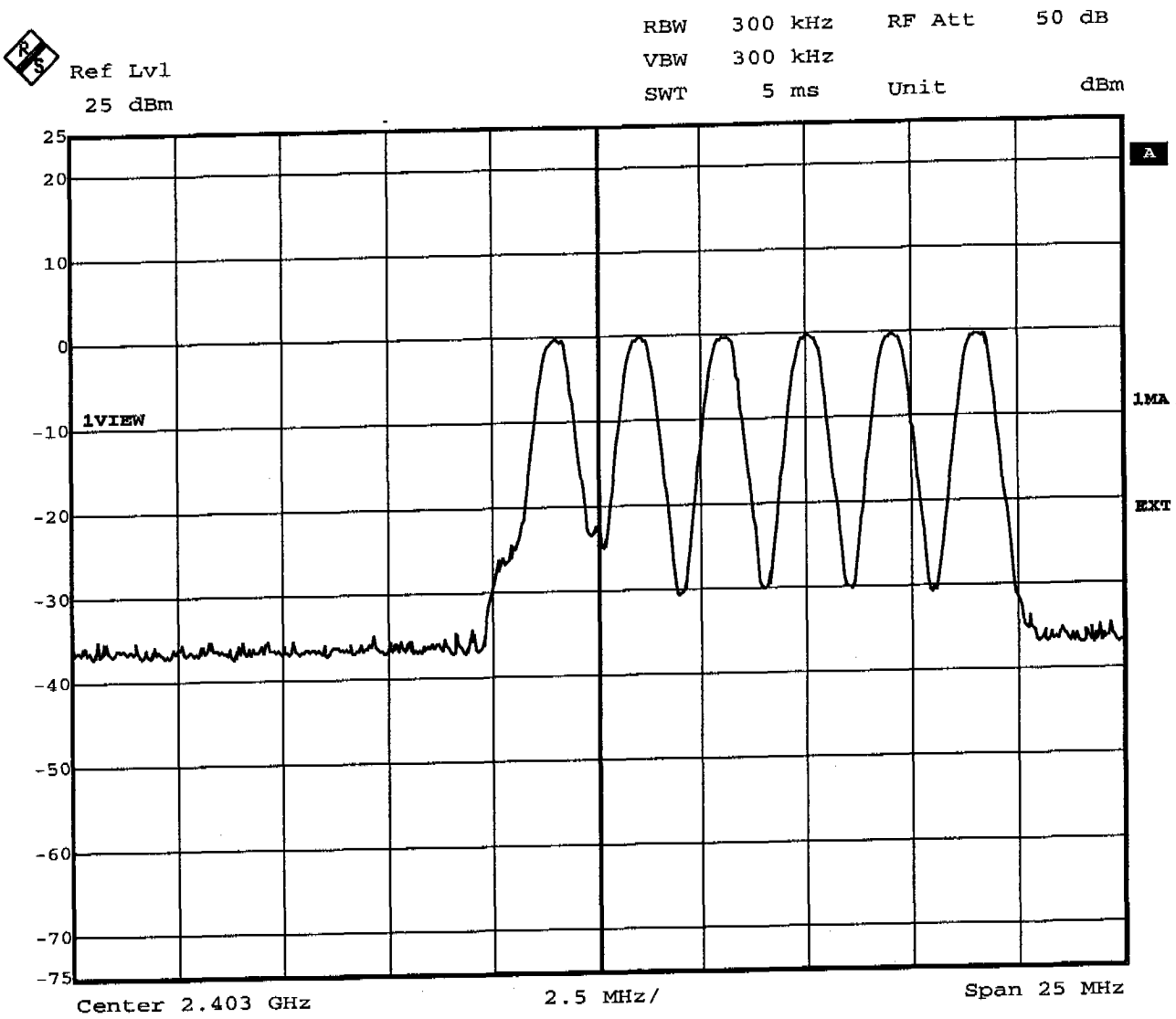
Title: Number of Hopping Frequencies Ch.: 14-38
Comment A: GN6110CU
Date: 30.OCT.2003 10:07:08



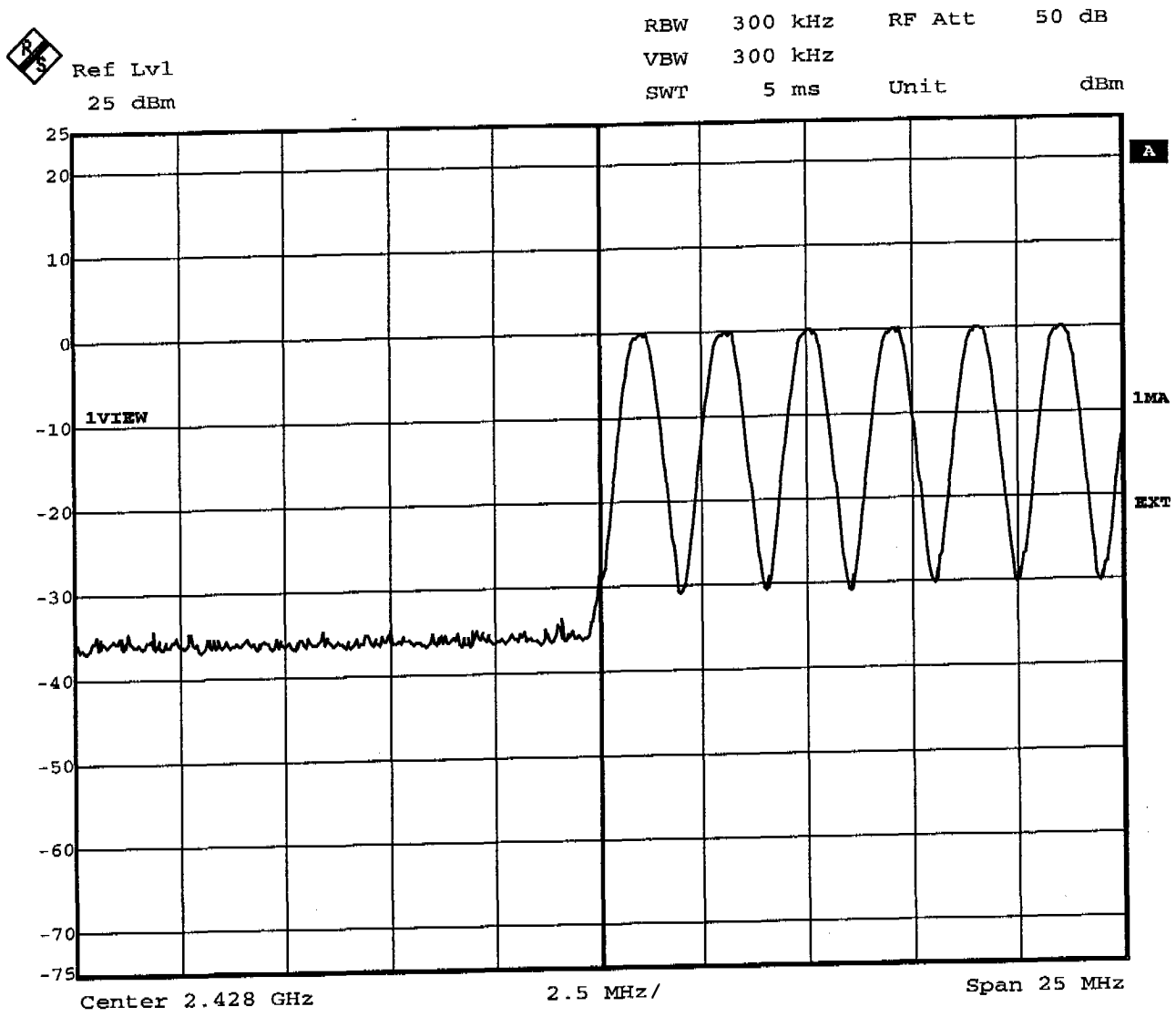
Title: Number of Hopping Frequencies Ch.: 39-63
Comment A: GN6110CU
Date: 30.OCT.2003 10:08:51



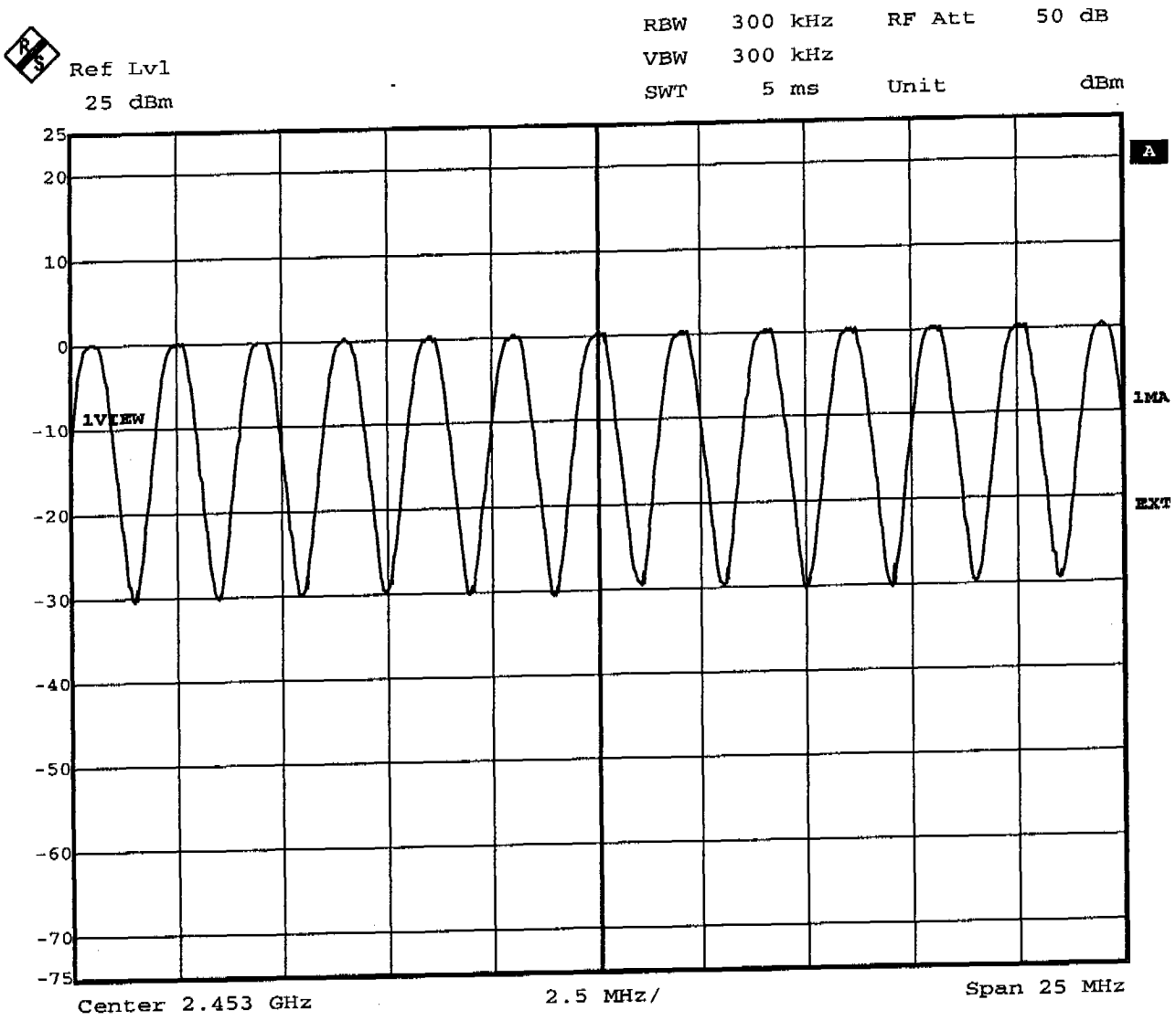
Title: Number of Hopping Frequencies Ch.: 64-78
Comment A: GN6110CU
Date: 30.OCT.2003 10:10:16



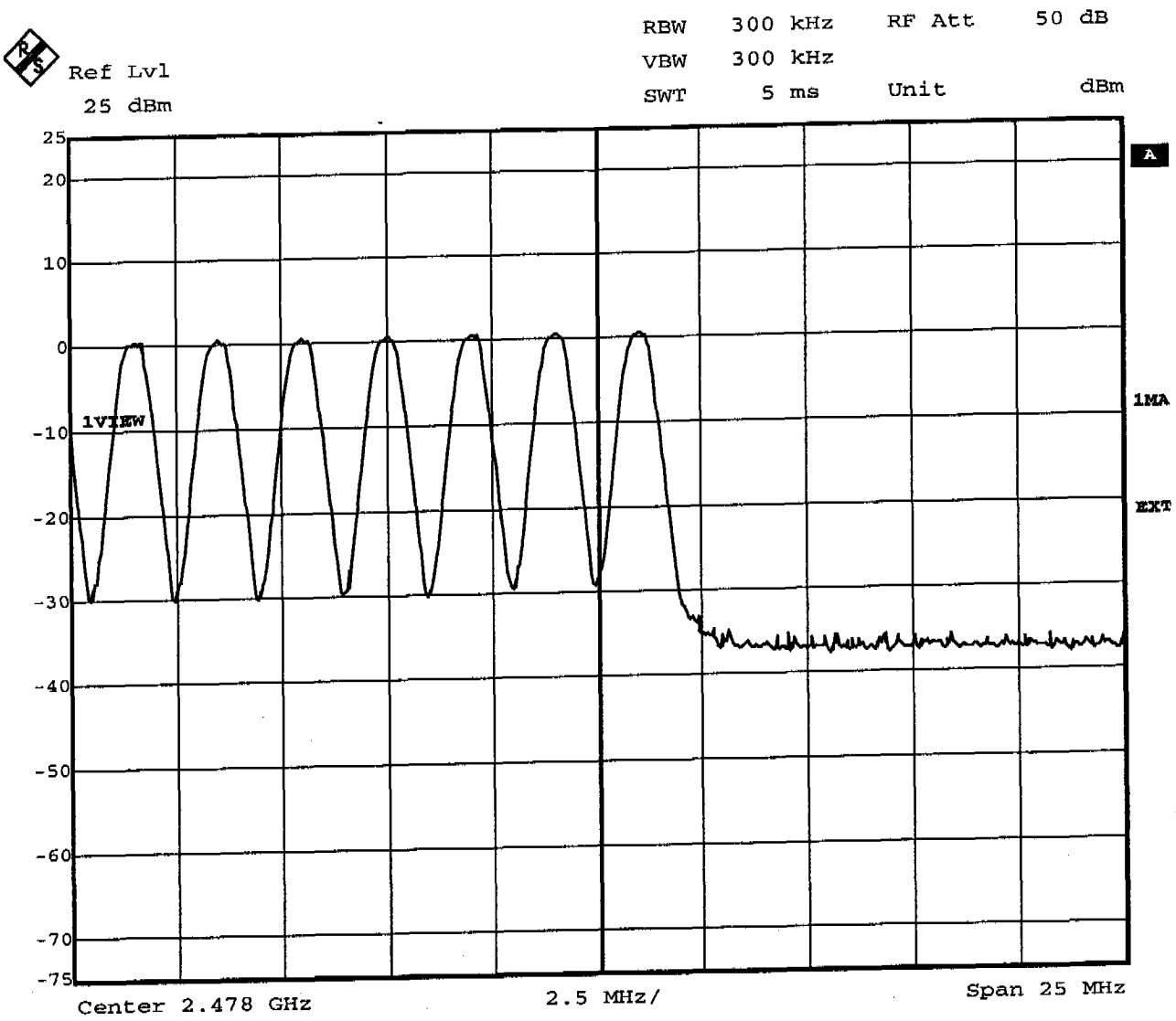
Title: Number of Hopping Frequencies (Master Inquiry Mode)
Comment A: GN6110CU
Date: 30.OCT.2003 10:17:32



Title: Number of Hopping Frequencies (Master Inquiry Mode)
Comment A: GN6110CU
Date: 30.OCT.2003 10:24:38



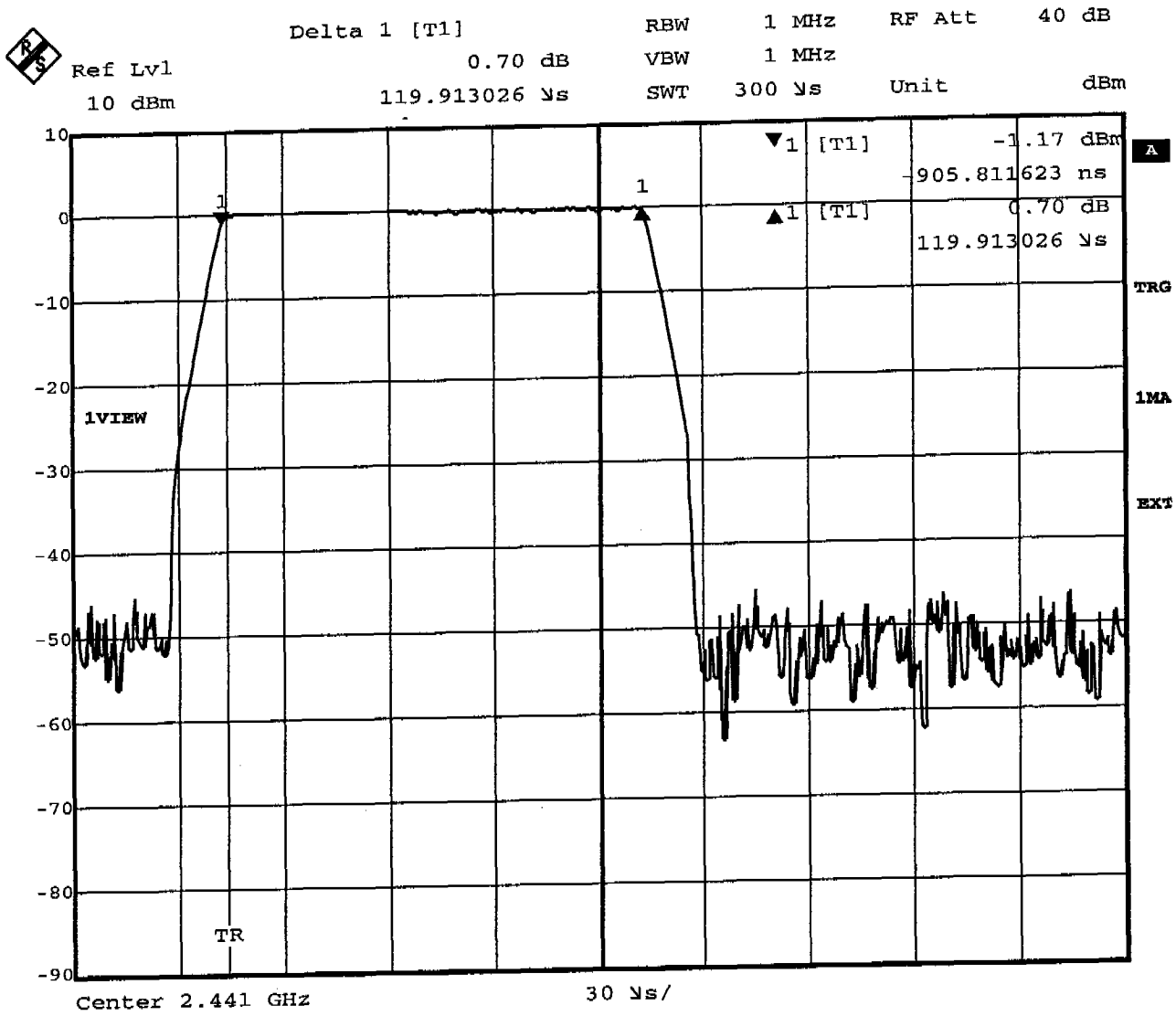
Title: Number of Hopping Frequencies (Master Inquiry Mode)
Comment A: GN6110CU
Date: 30.OCT.2003 10:29:38



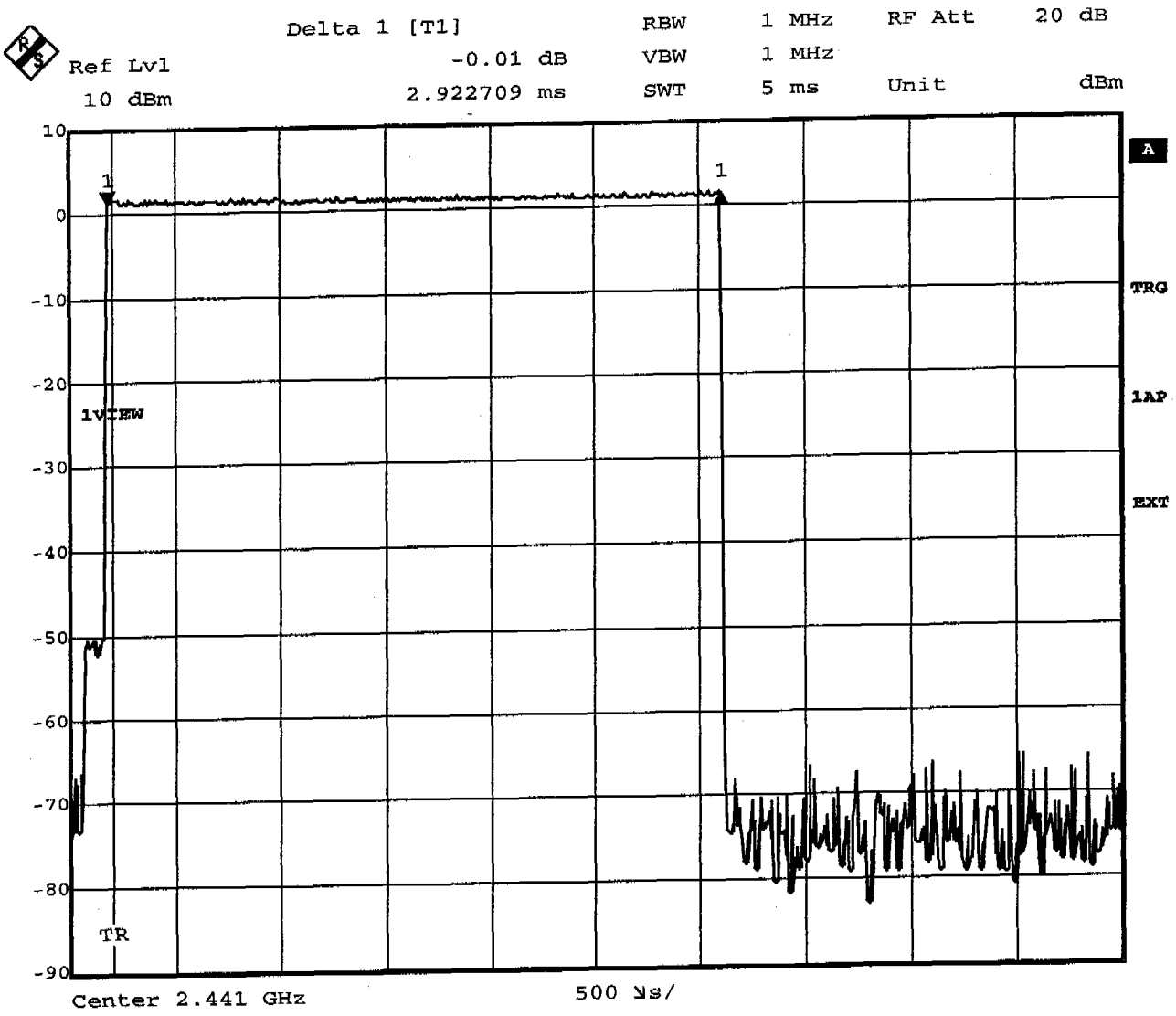
Title: Number of Hopping Frequencies (Master Inquiry Mode)
Comment A: GN6110CU
Date: 30.OCT.2003 10:33:01

Appendix G

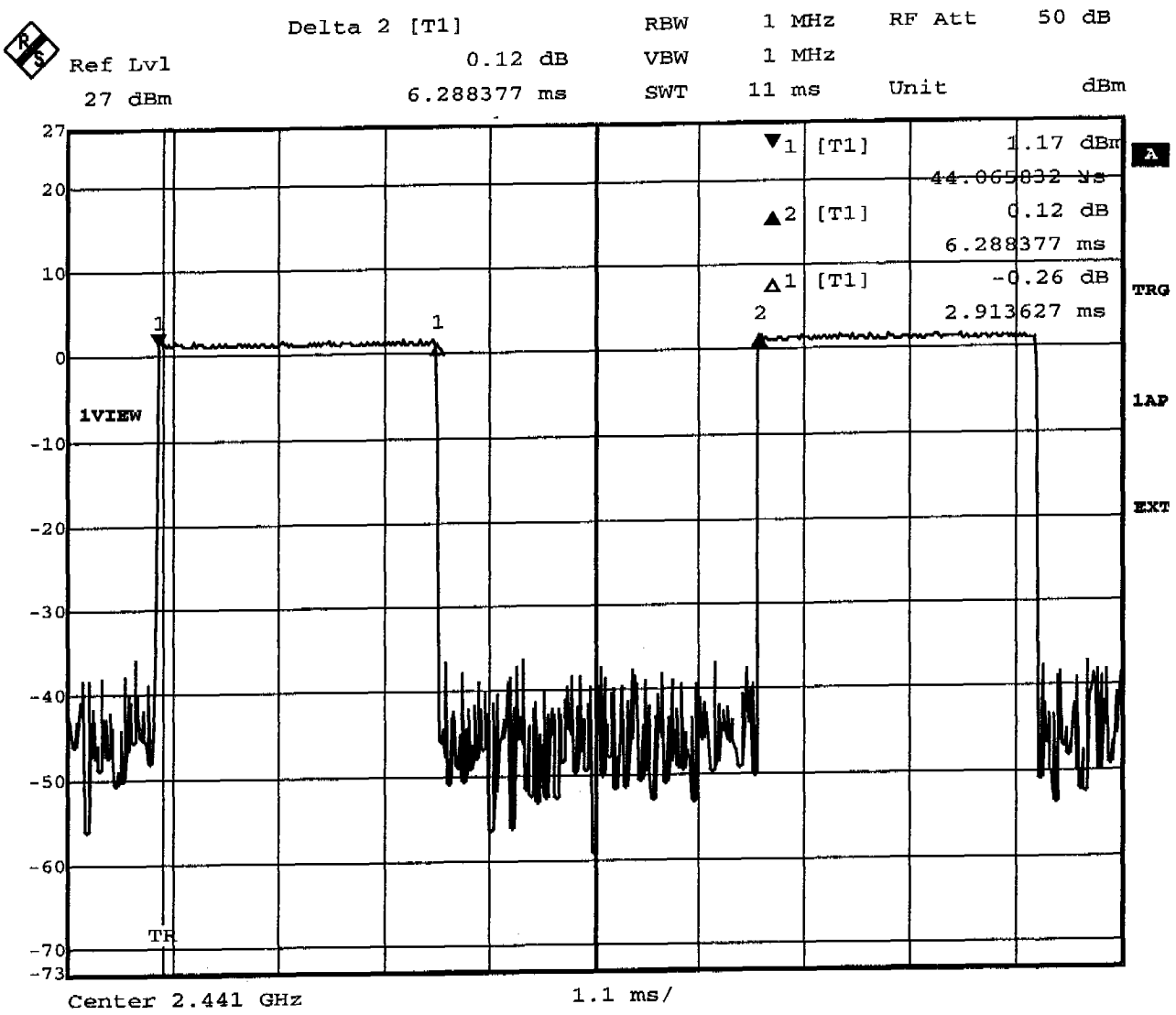
Time of Occupancy (Dwell Time)



Title: Time of occupancy (Inquiry mode) 487 events * 0.120ms=58.4ms
Comment A: GN6110CU
Date: 30.OCT.2003 12:52:48



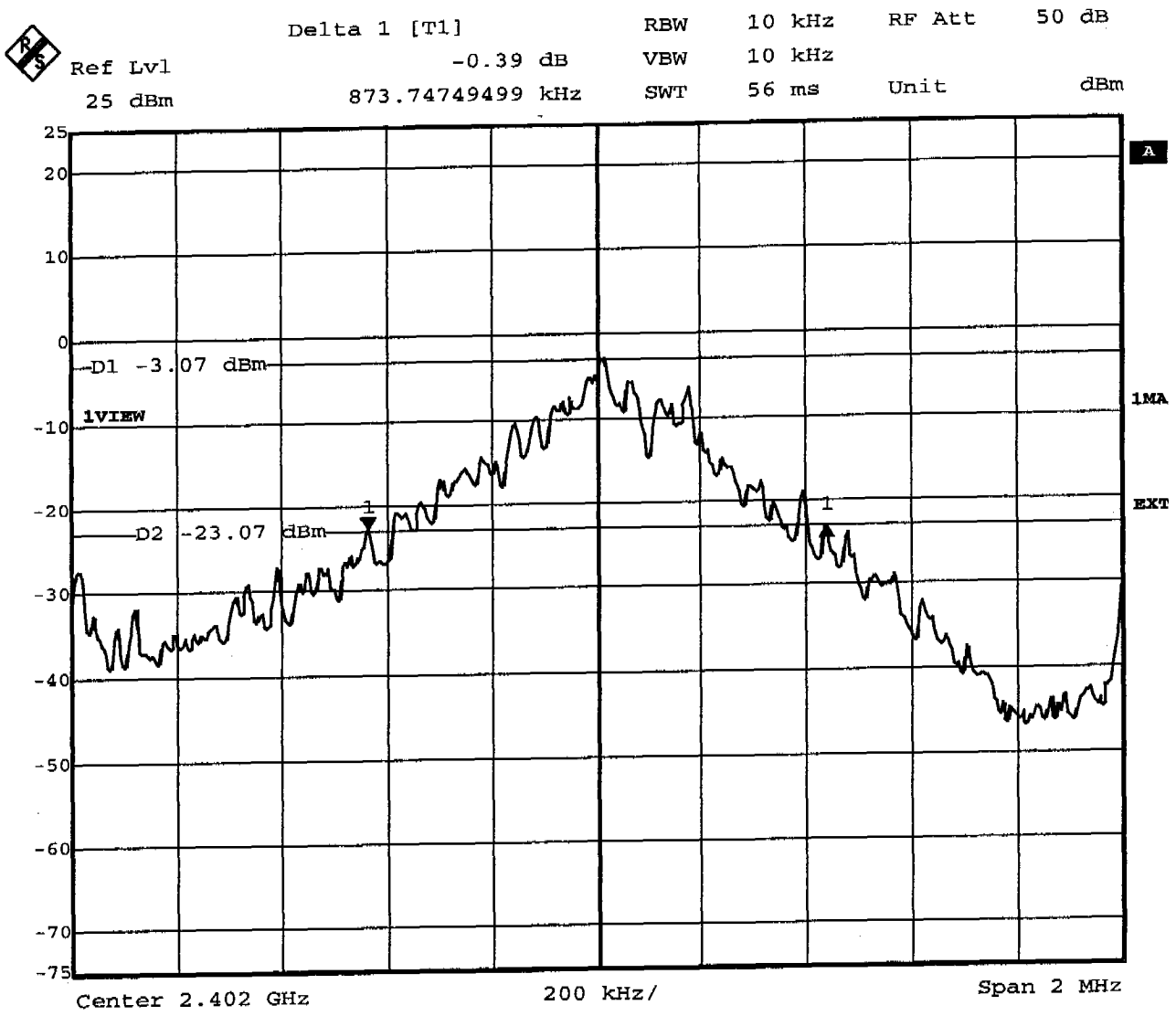
Title: Time of occupancy (Hopping DH5) 64 events * 2.923ms=187.07ms
Comment A: GN6110CU
Date: 30.OCT.2003 11:41:16



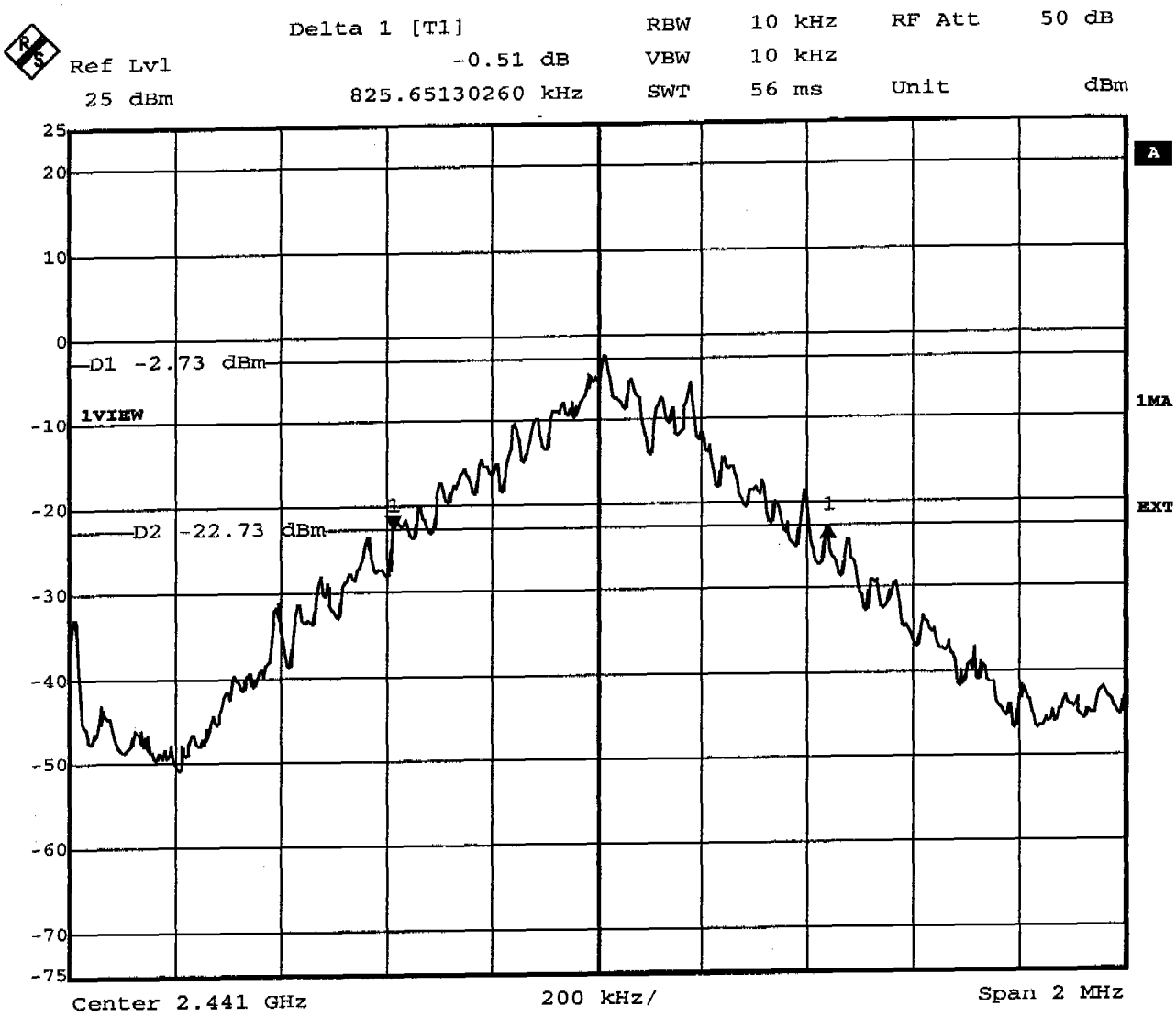
Title: Duty Cycle
Comment A: GN6110CU
Date: 30.OCT.2003 09:41:10

Appendix H

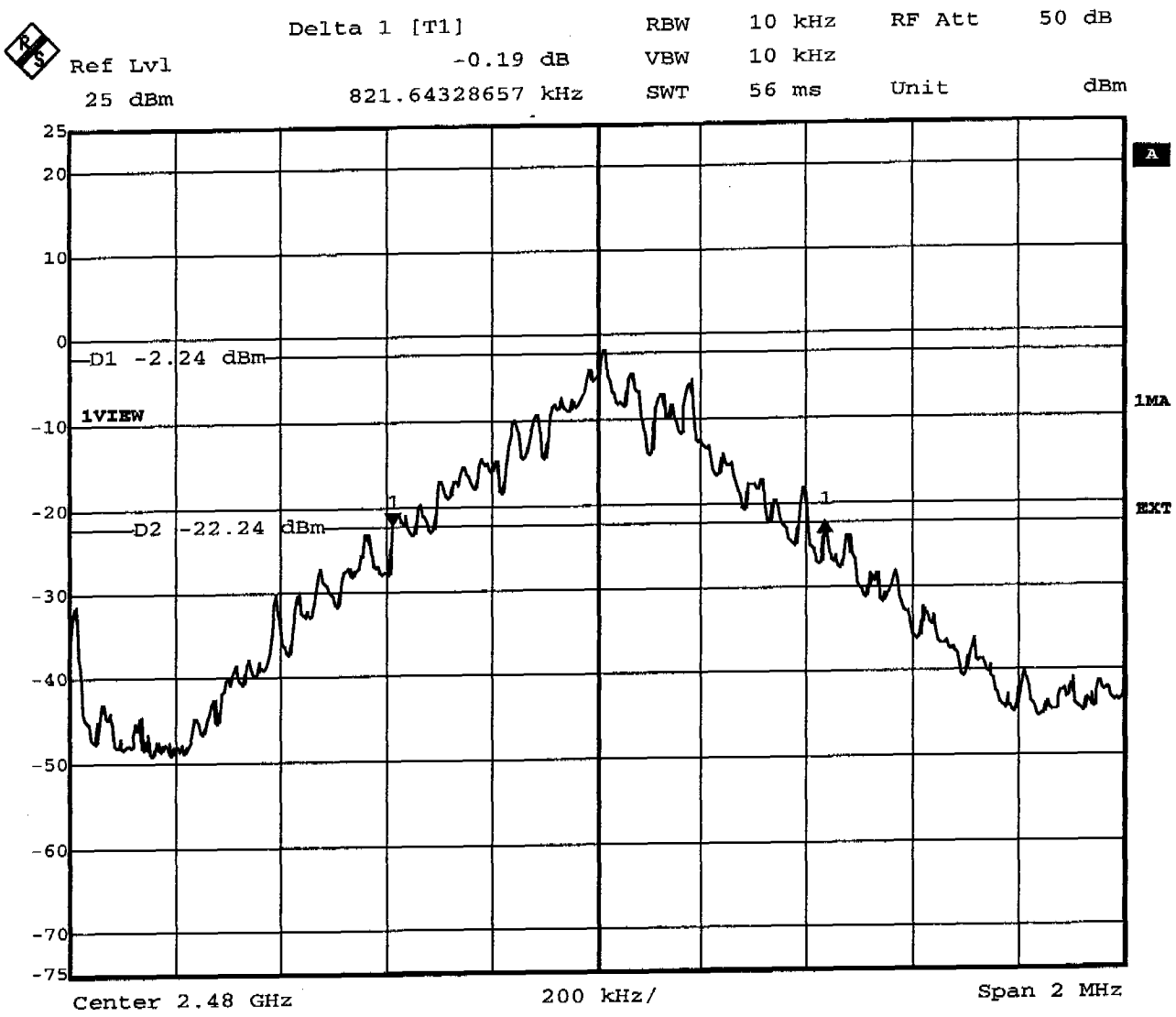
20dB Bandwidth



Title: -20dB Bandwidth Ch.: 0
Comment A: GN6110CU
Date: 30.OCT.2003 09:27:42



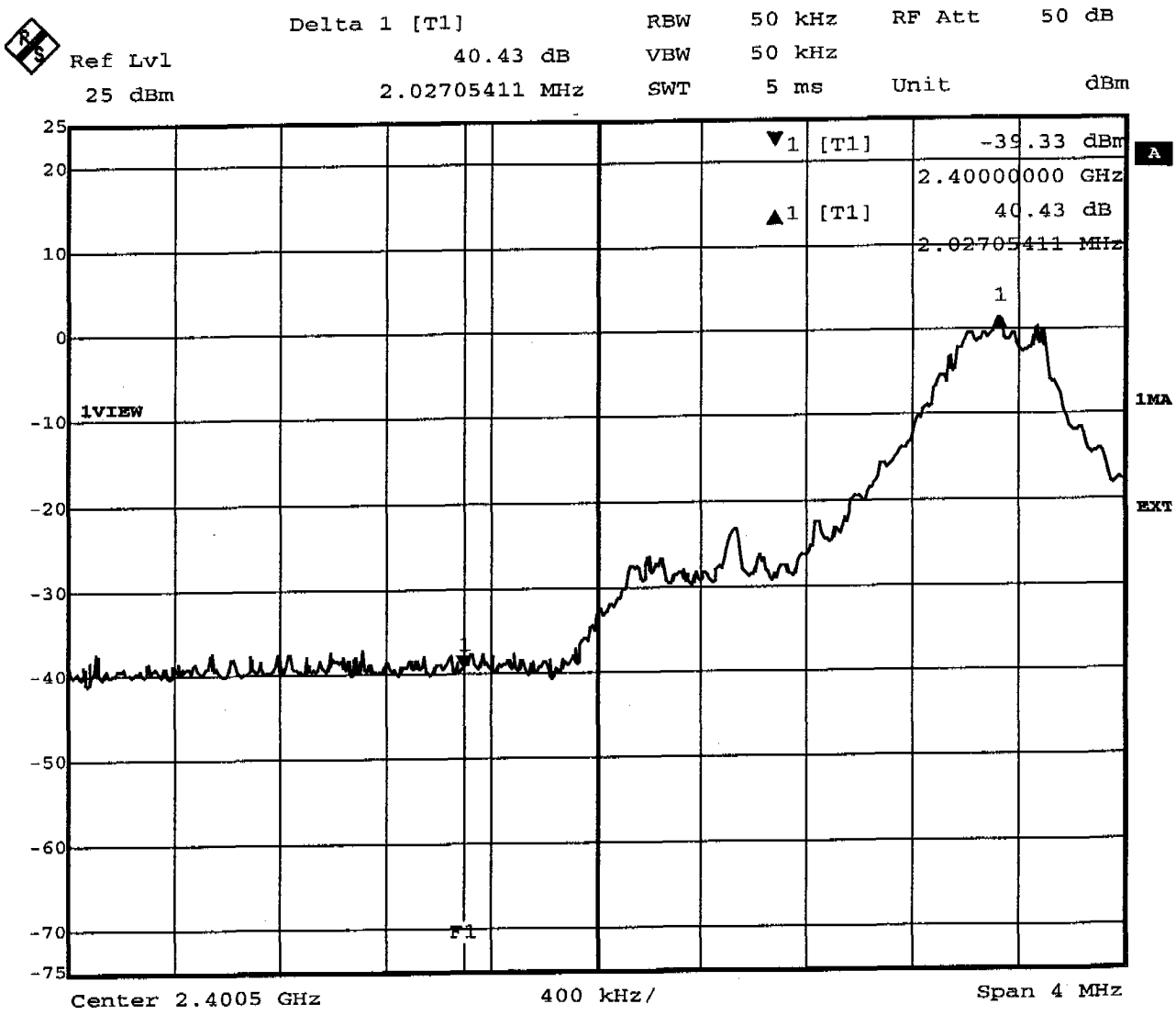
Title: -20dB Bandwidth Ch.: 39
Comment A: GN6110CU
Date: 30.OCT.2003 09:29:12



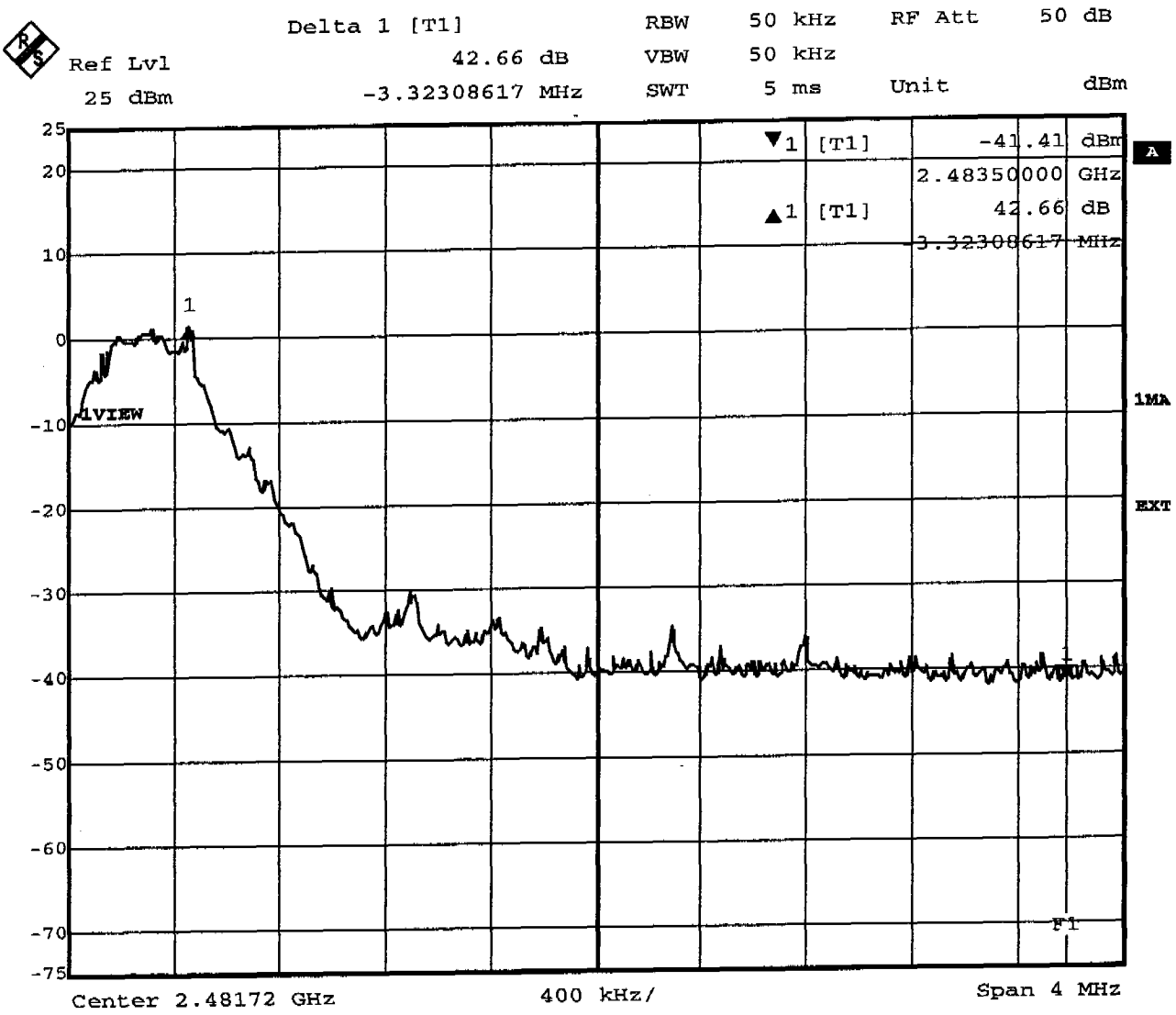
Title: -20dB Bandwidth Ch.: 78
Comment A: GN6110CU
Date: 30.OCT.2003 09:30:47

Appendix I

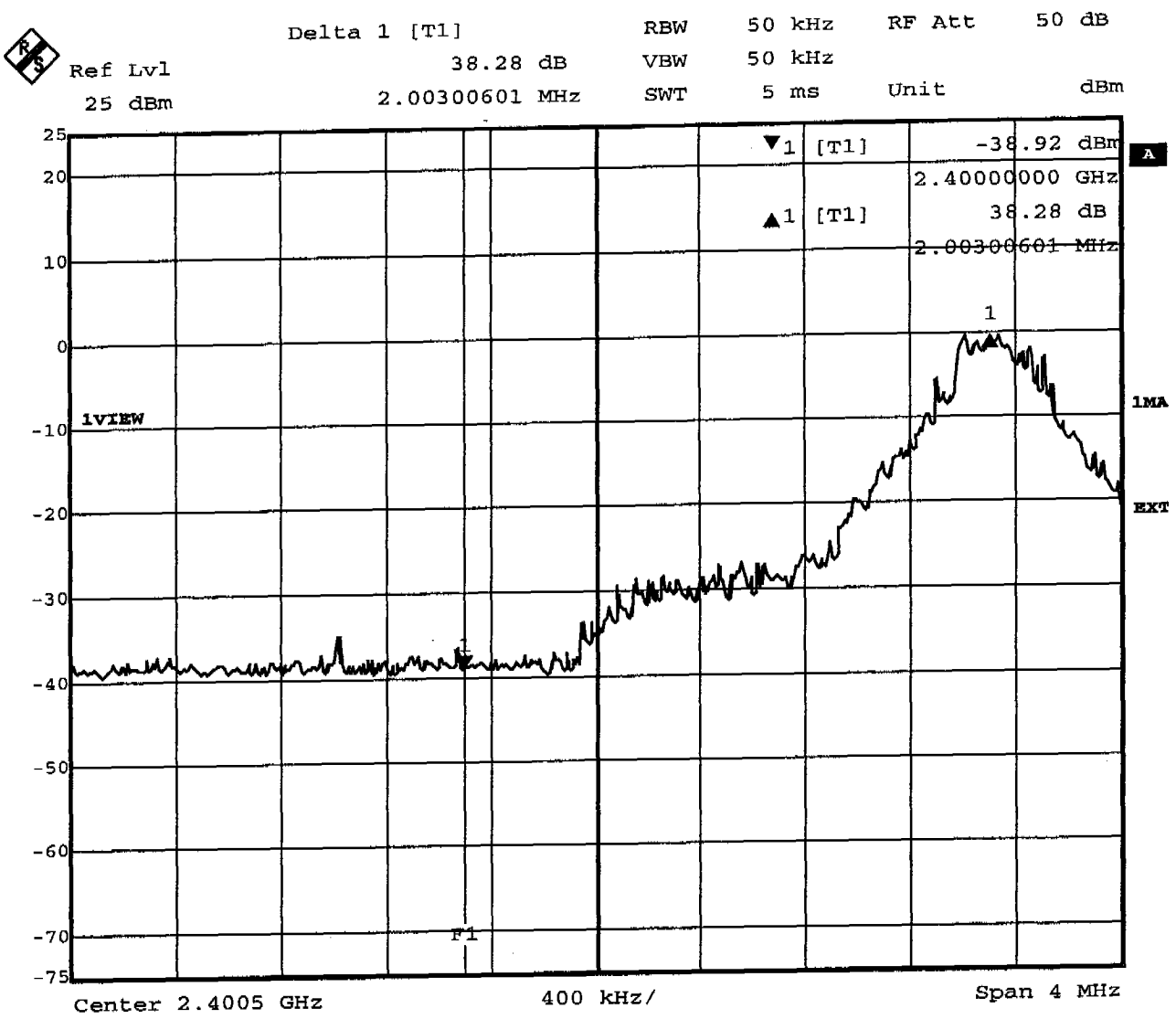
Band-edge Compliance of RF Emissions



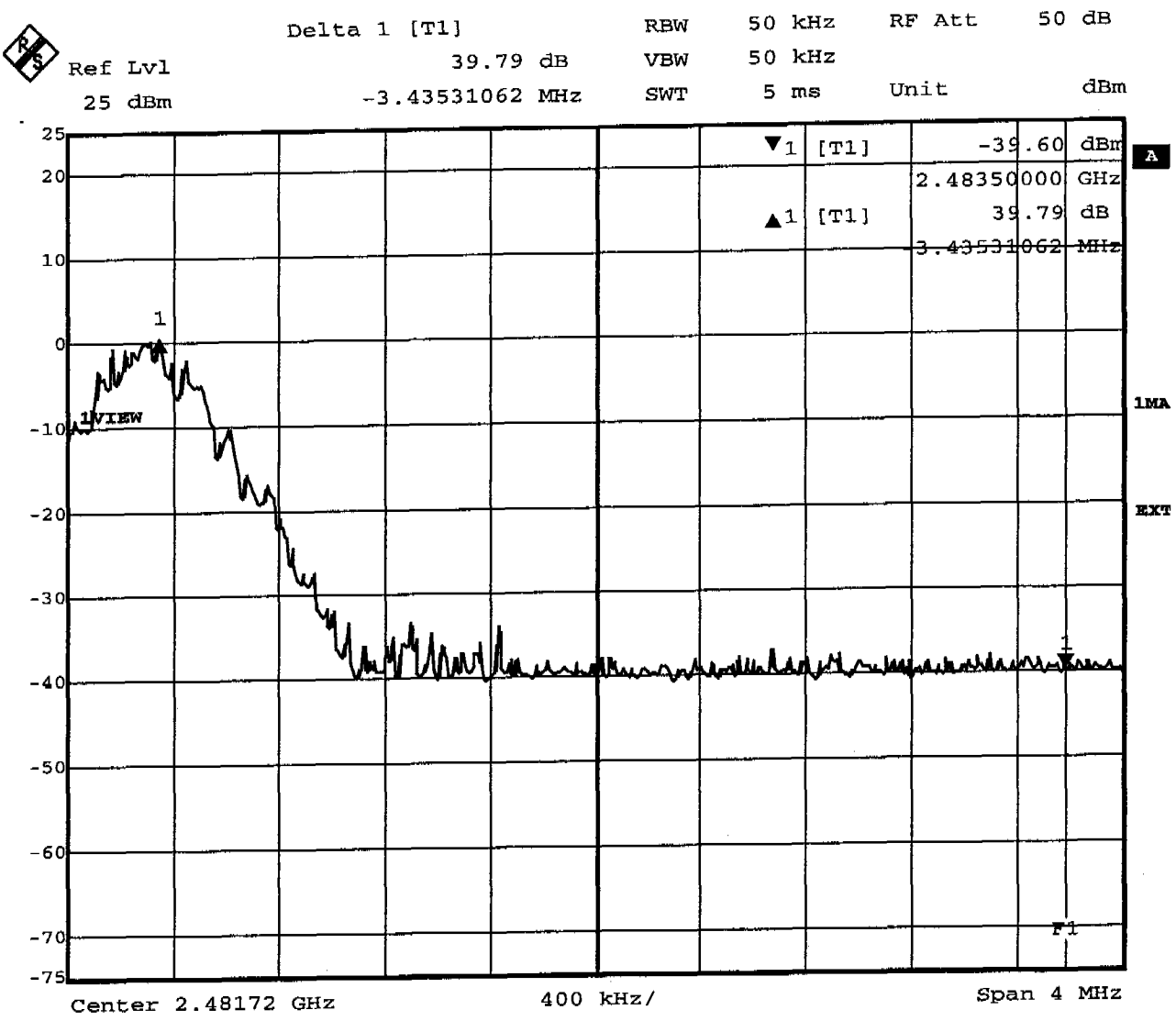
Title: Band-edge Compliance (conducted, single frequency)
Comment A: GN6110CU
Date: 30.OCT.2003 09:35:23



Title: Band-edge Compliance (conducted, single frequency)
Comment A: GN6110CU
Date: 30.OCT.2003 09:34:02



Title: Band-edge Compliance (conducted, hopping mode)
Comment A: GN6110CU
Date: 30.OCT.2003 09:46:11



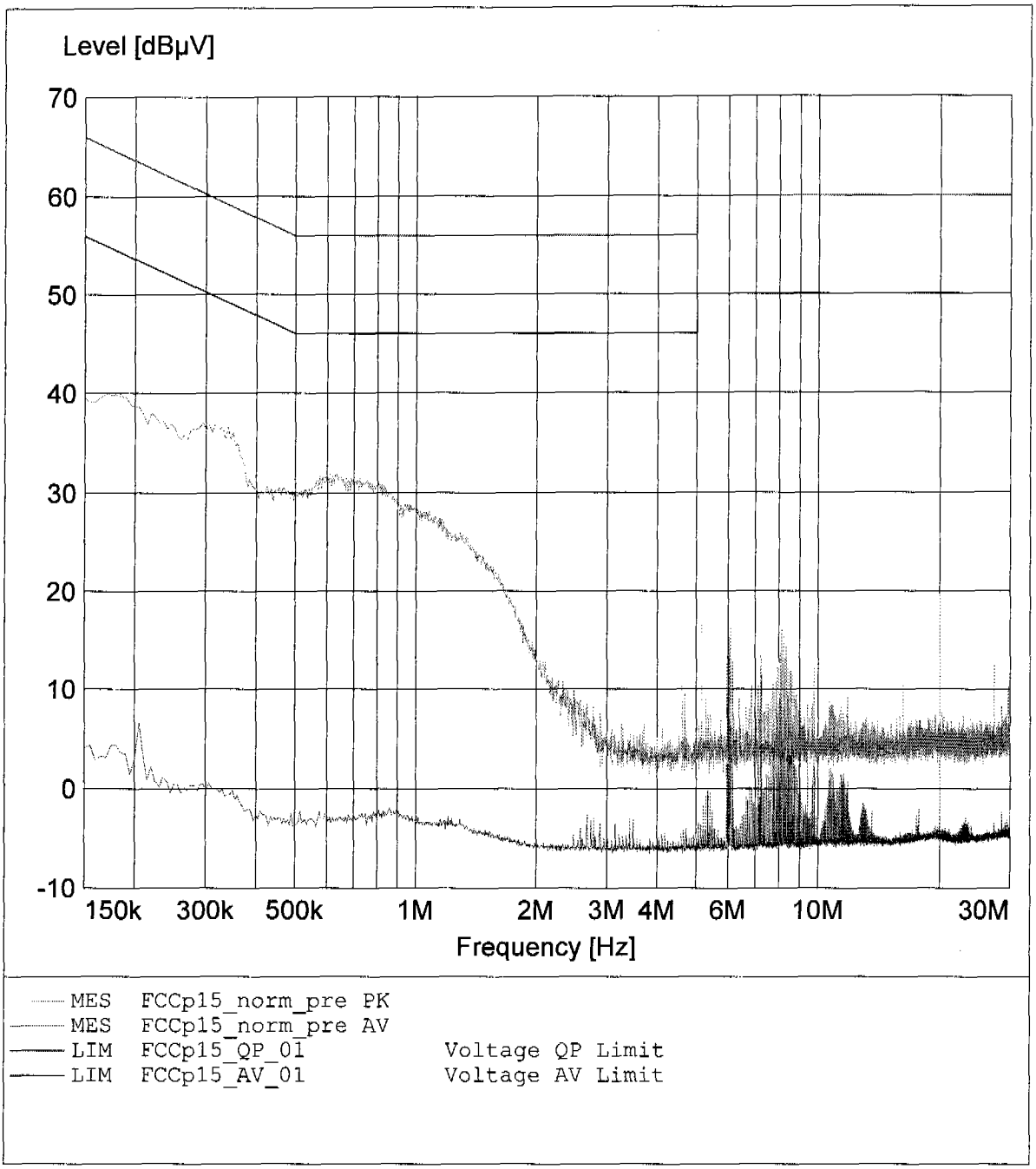
Title: Band-edge Compliance (conducted, hopping mode)
Comment A: GN6110CU
Date: 30.OCT.2003 09:48:56

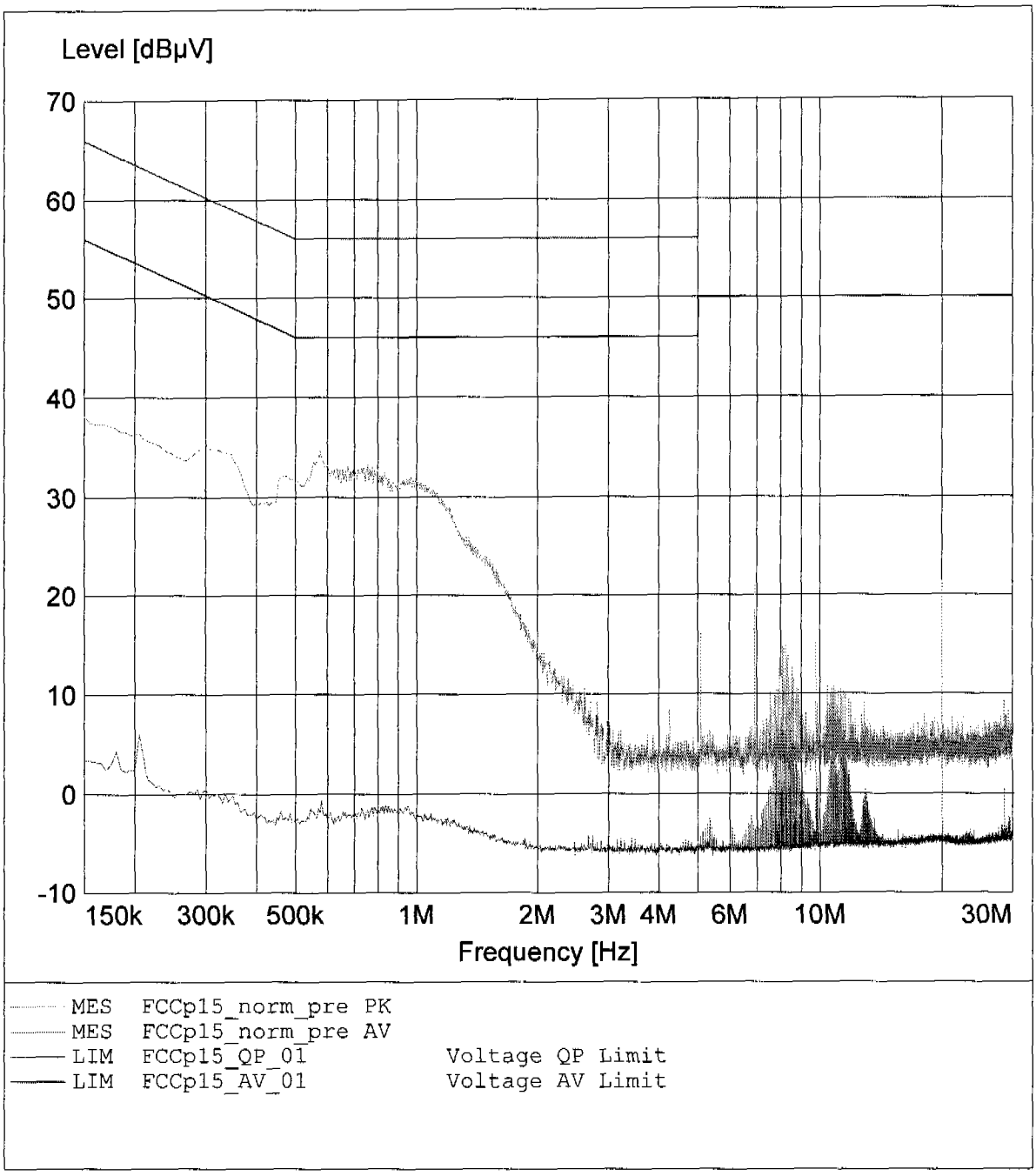
Appendix J

Conducted Measurement at (AC) Power Line

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

EUT:	Wireless connectivity box based on Bluetooth Technology
Manufacturer:	GN Netcom as
Operating Condition:	Unom: 120VAC, Tnom: 23°C
Test Site:	ETS
Operator:	Mr. Pflug
Test Specification:	V-Network: ESH2-Z5 (N)
Comment:	model: GN6110 mode: link



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

EUT:	Wireless connectivity box based on Bluetooth Technology
Manufacturer:	GN Netcom as
Operating Condition:	Unom: 120VAC, Tnom: 23°C
Test Site:	ETS
Operator:	Mr. Pflug
Test Specification:	V-Network: ESH2-Z5 (L)
Comment:	model: GN6110 mode: charging