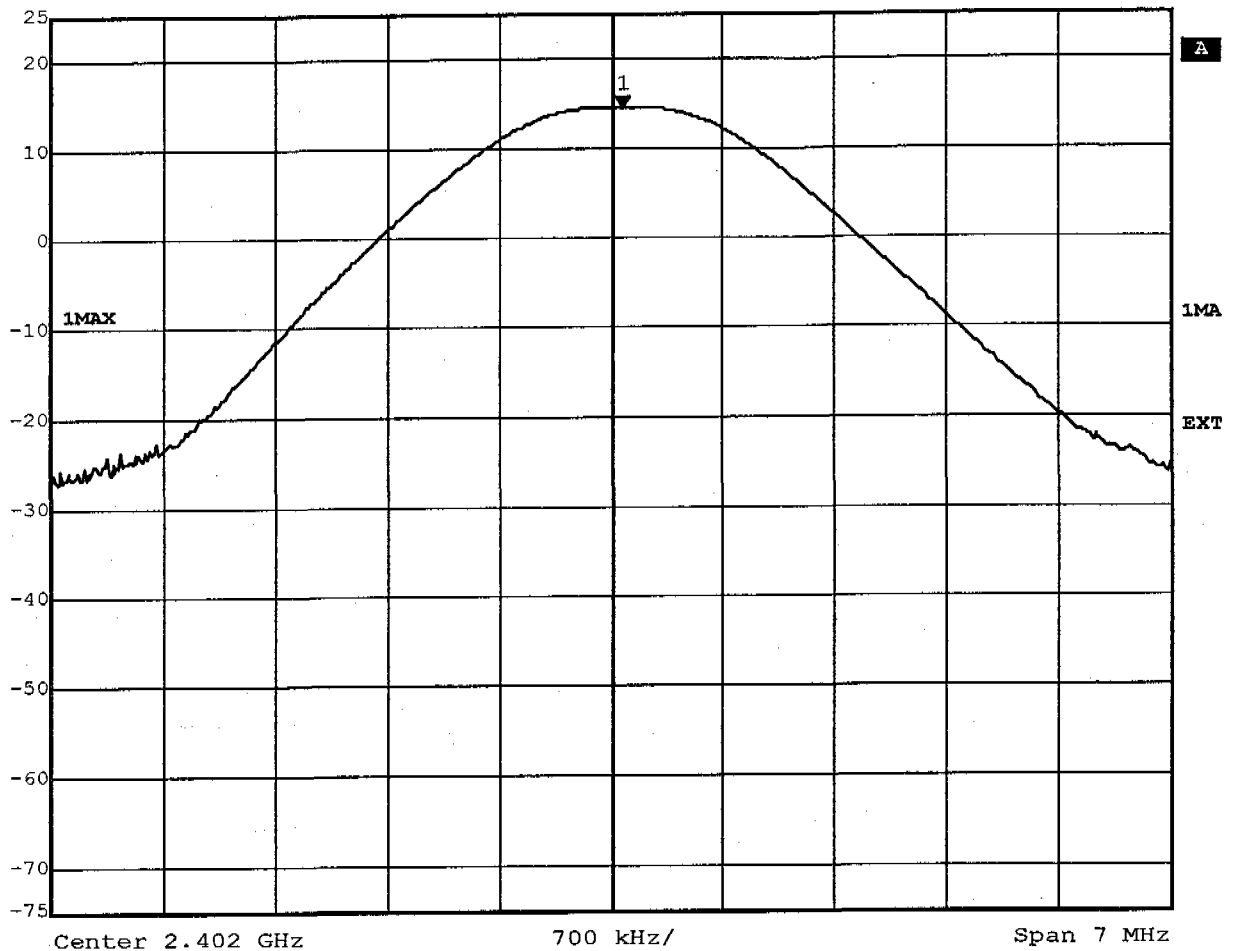


Appendix B

Peak Output Power



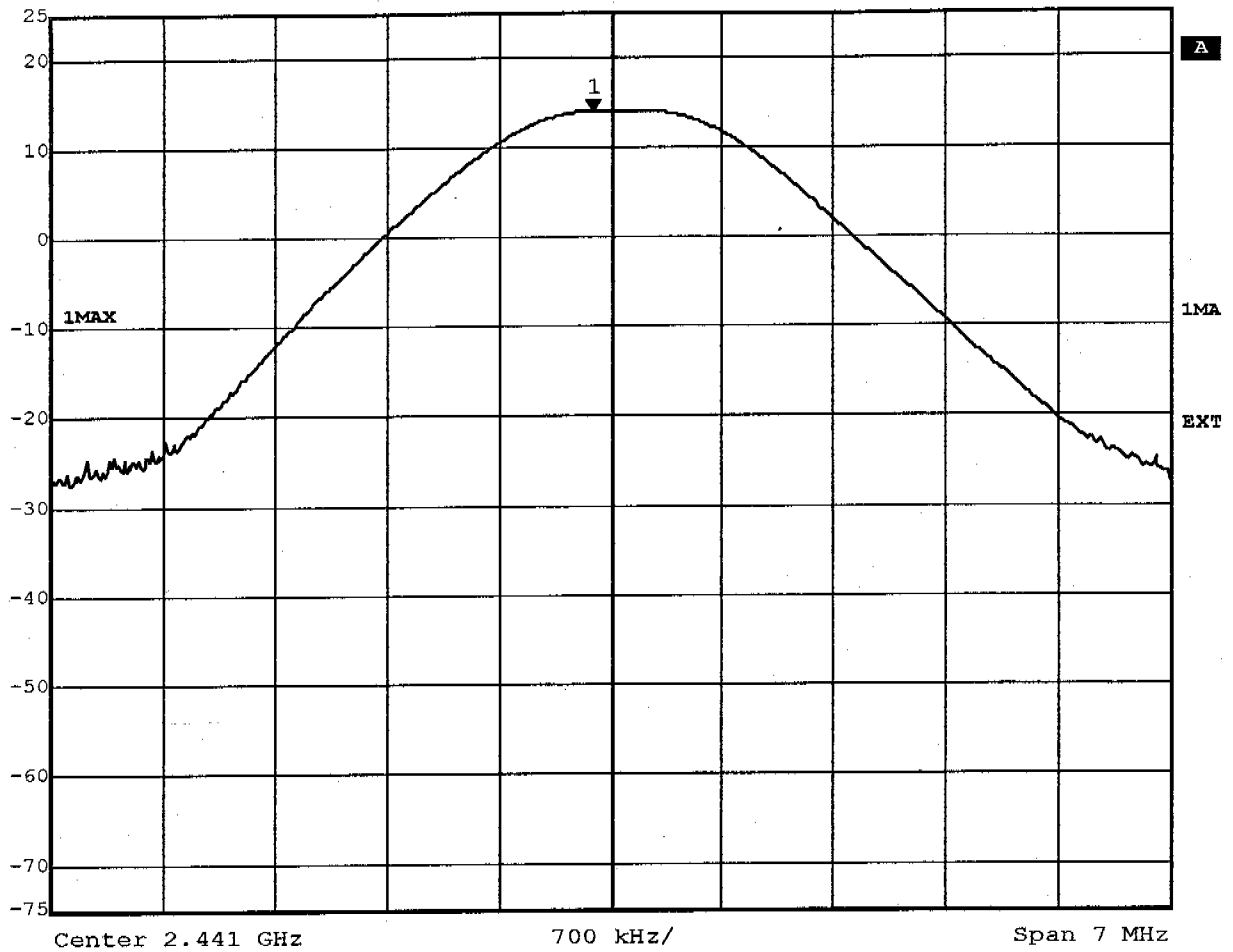
Marker 1 [T1] RBW 1 MHz RF Att 50 dB
Ref Lvl 14.34 dBm VBW 1 MHz
25 dBm 2.40207715 GHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 0
Comment A: Free2move F2M01
Date: 12.JUN.2003 10:57:57



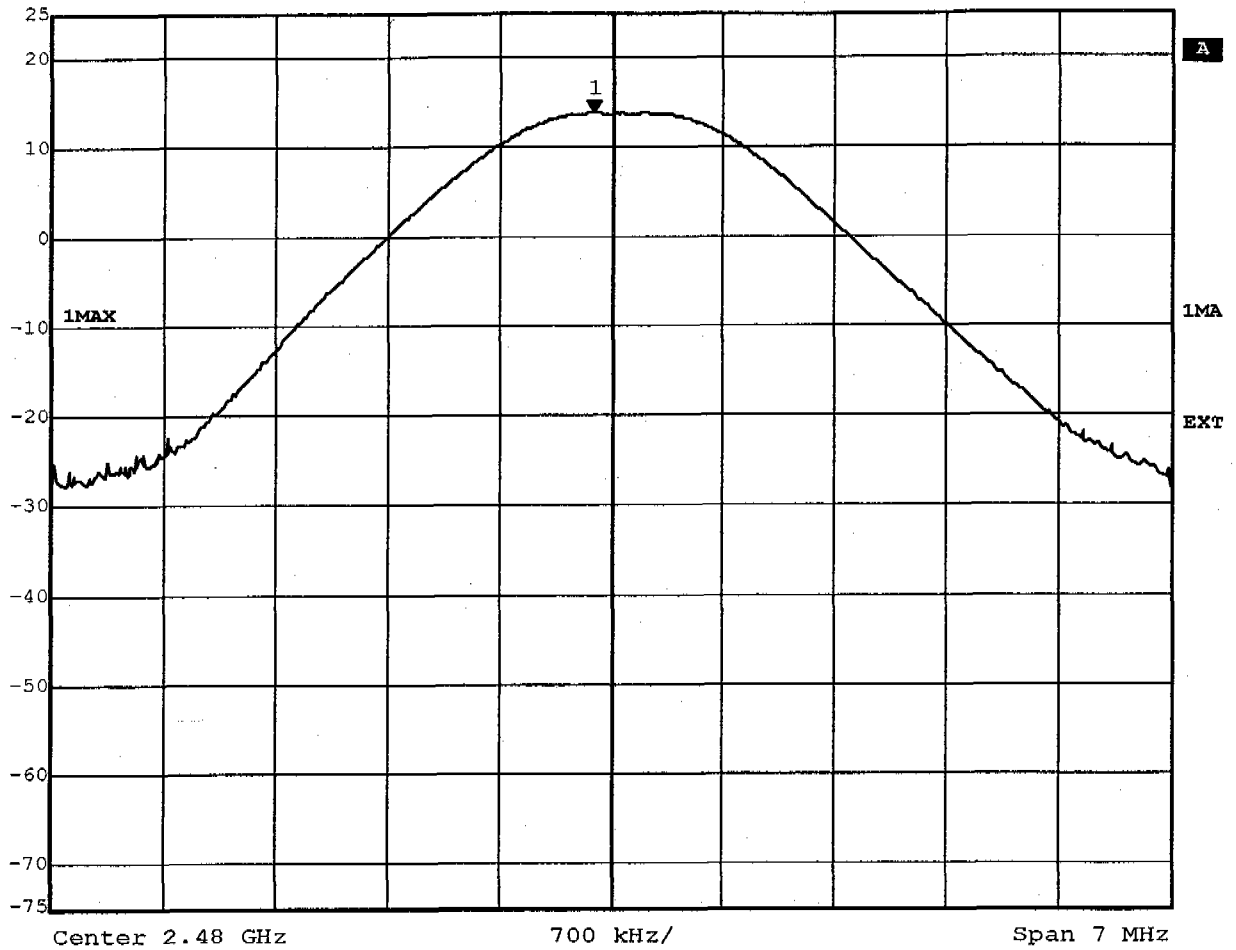
Marker 1 [T1] RBW 1 MHz RF Att 50 dB
Ref Lvl 13.93 dBm VBW 1 MHz
25 dBm 2.44089479 GHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 39
Comment A: Free2move F2M01
Date: 12.JUN.2003 10:58:58



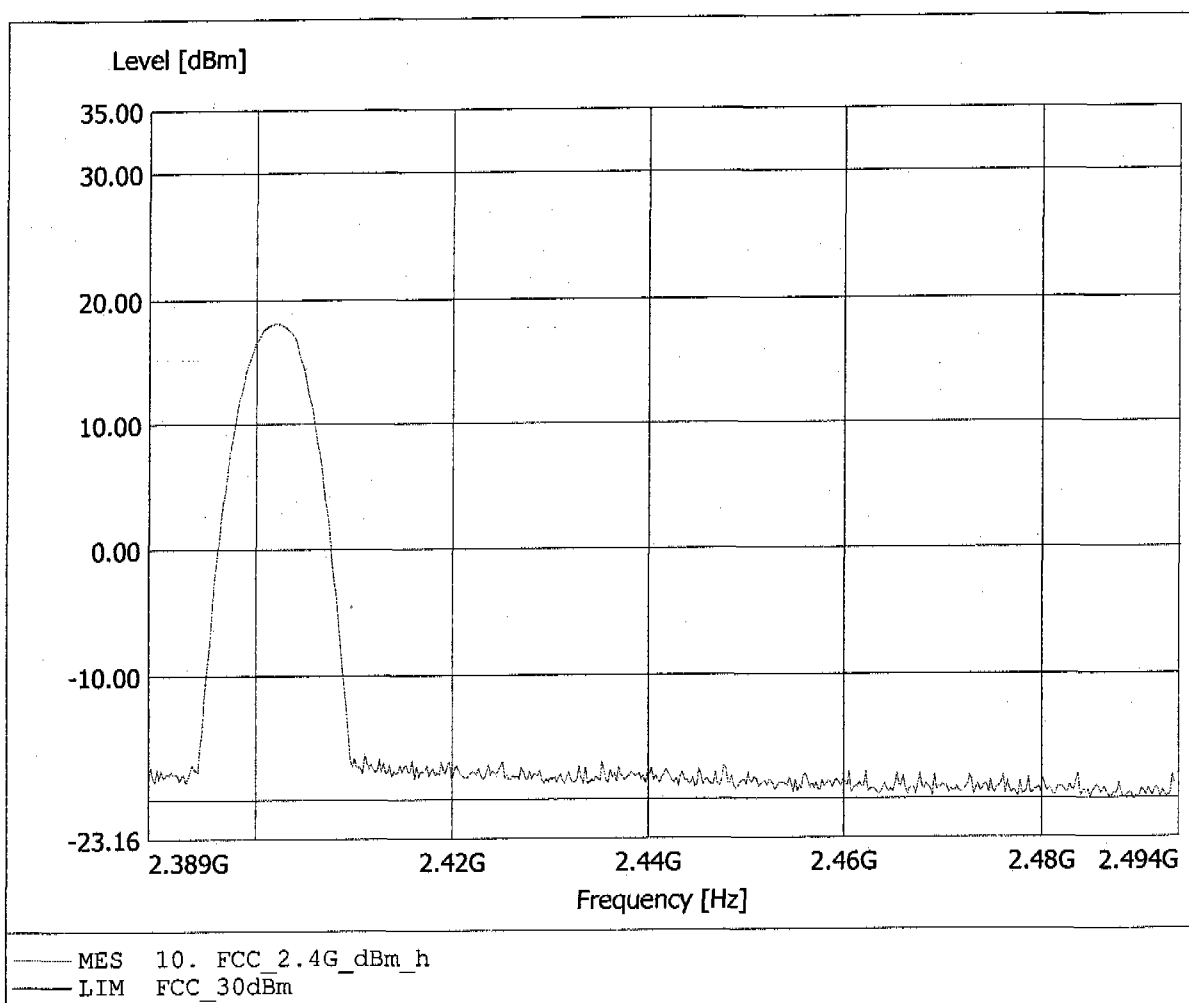
Marker 1 [T1] REW 1 MHz RF Att 50 dB
Ref Lvl 13.52 dBm VBW 1 MHz
25 dBm 2.47989479 GHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 78
Comment A: Free2move F2M01
Date: 12.JUN.2003 11:00:28

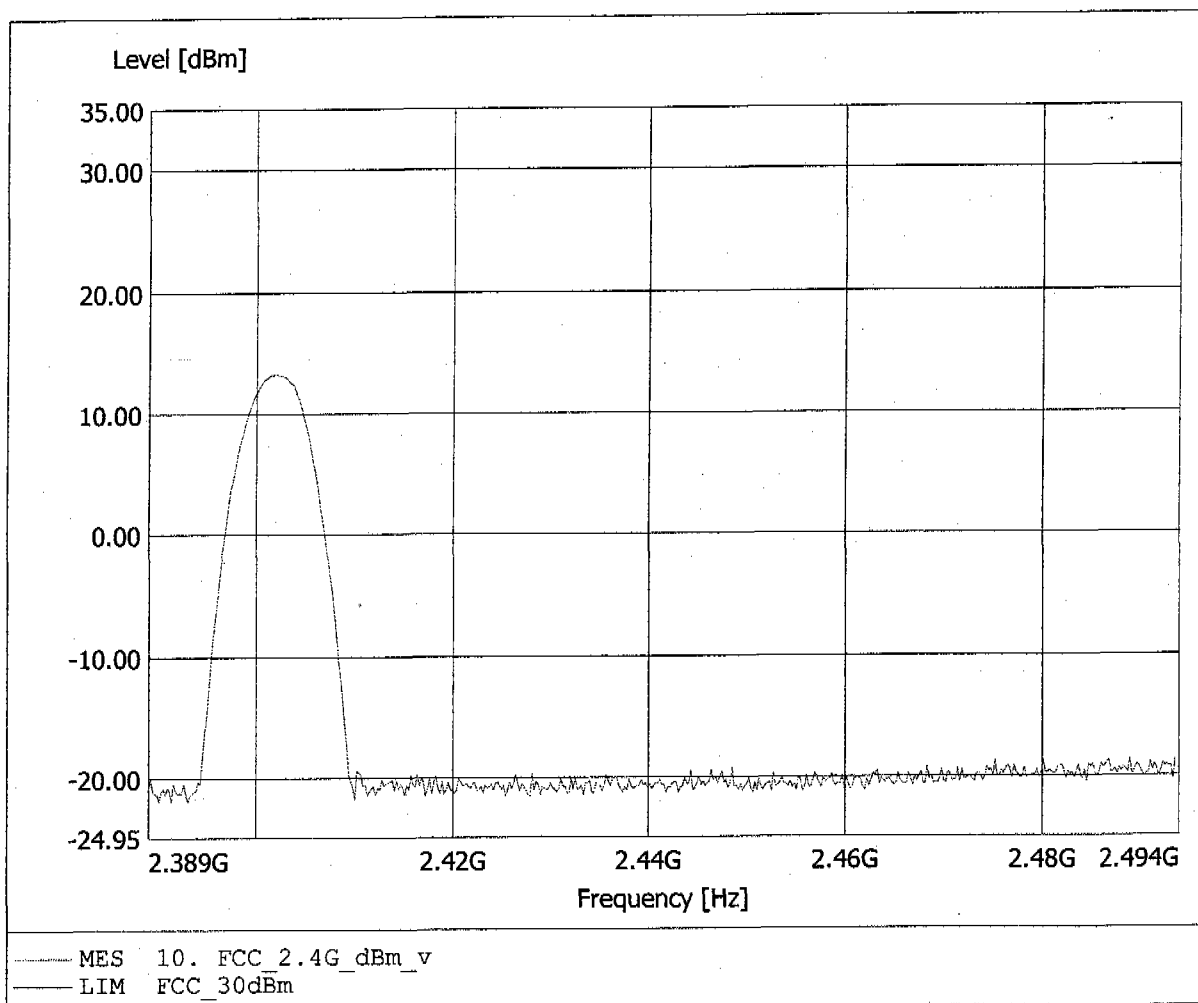
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: 18.11dBm, RBW: 5MHz



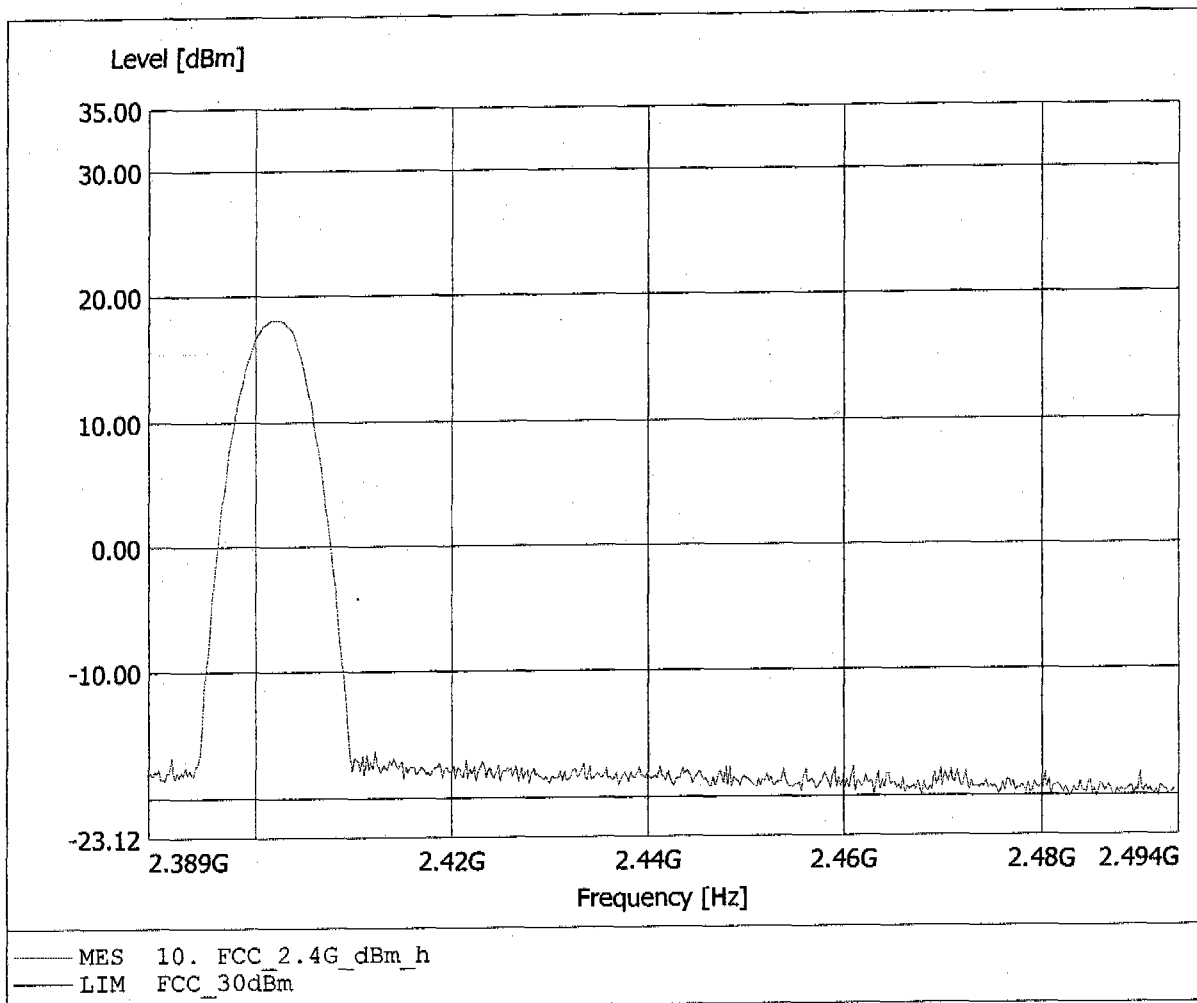
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: 13.26dBm, RBW: 5MHz



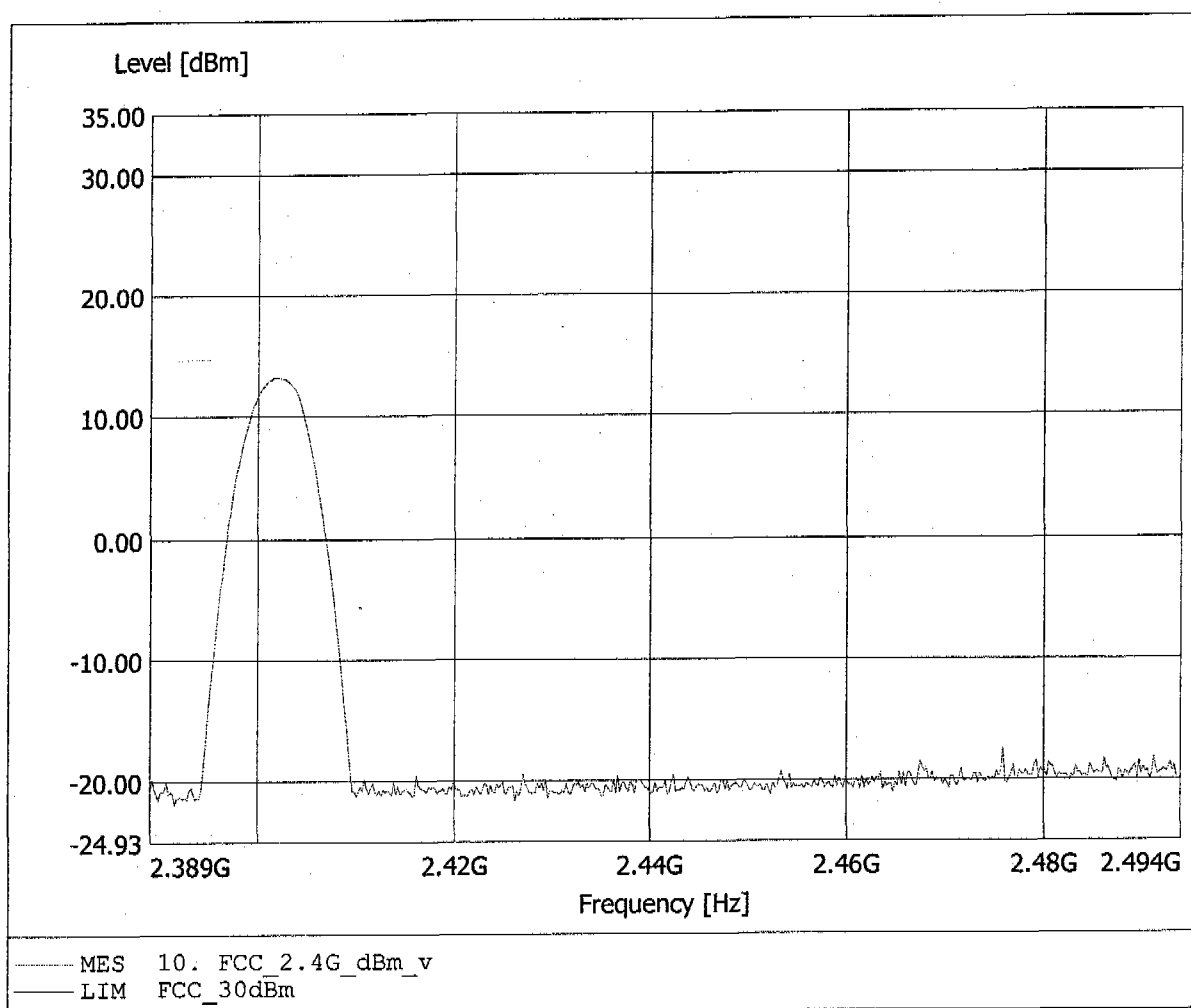
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V +15% AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: 18.11dBm, RBW: 5MHz



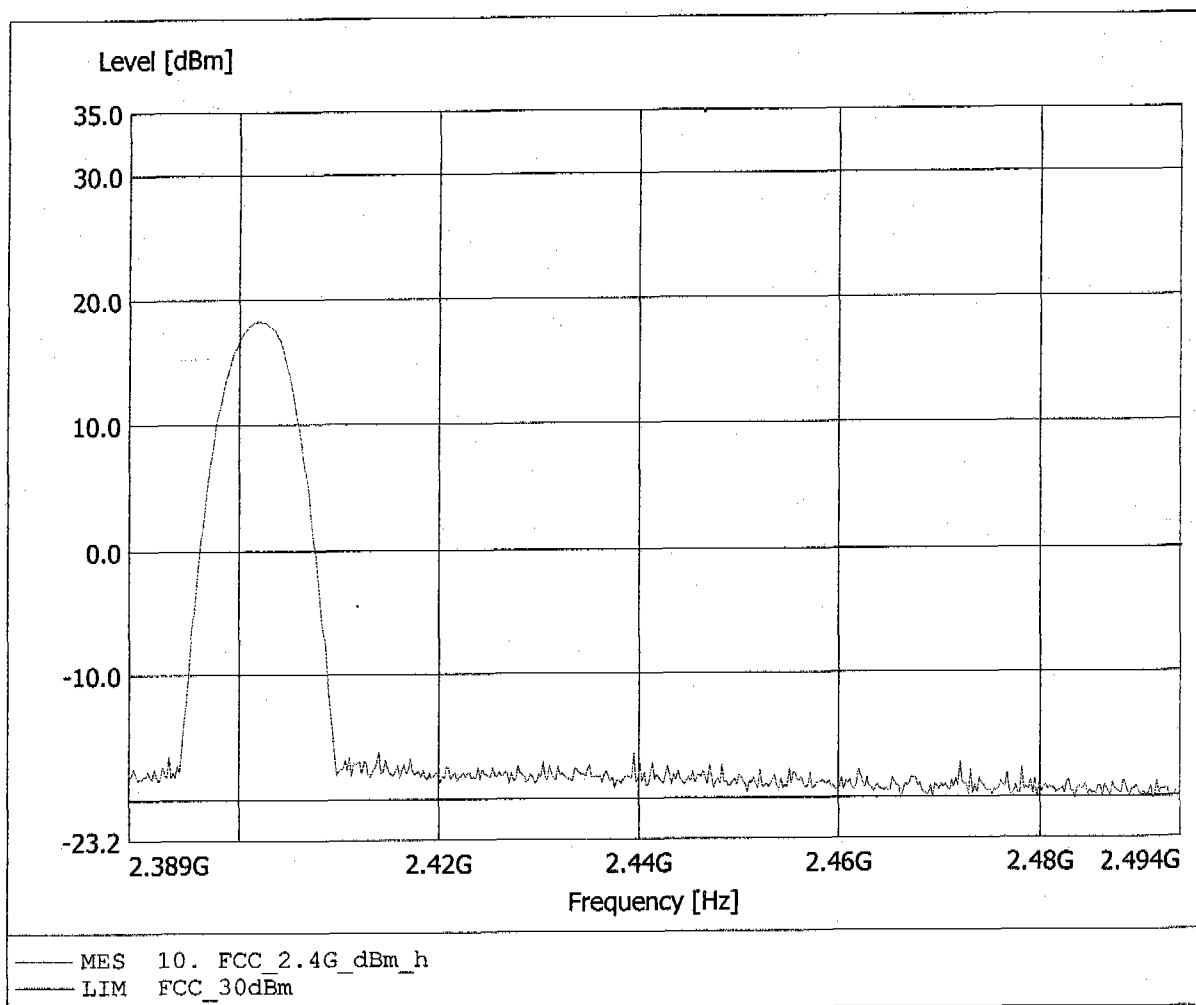
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V +15% AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: 13.15dBm, RBW: 5MHz



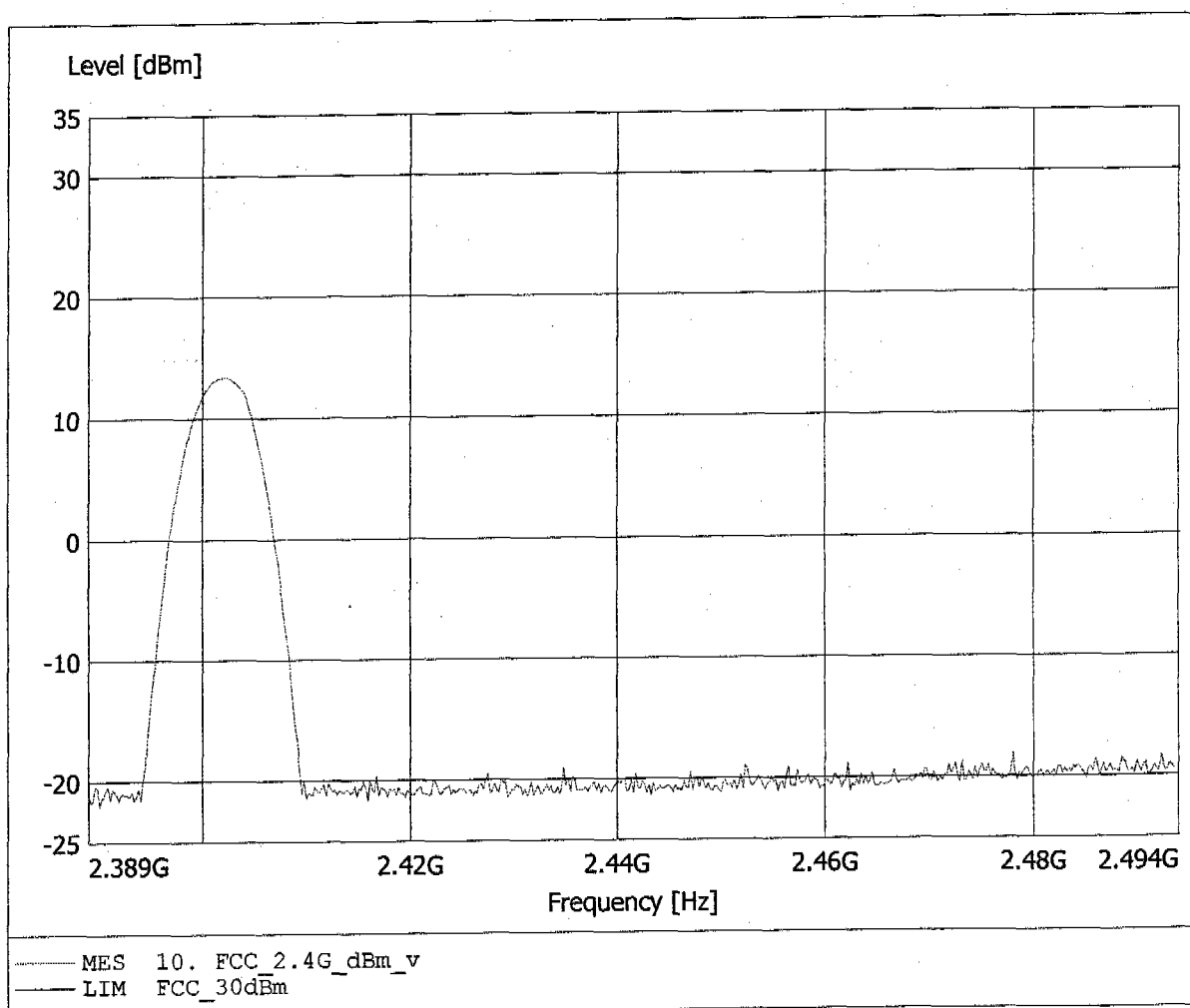
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V -15% AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: 18.24dBm, RBW: 5MHz



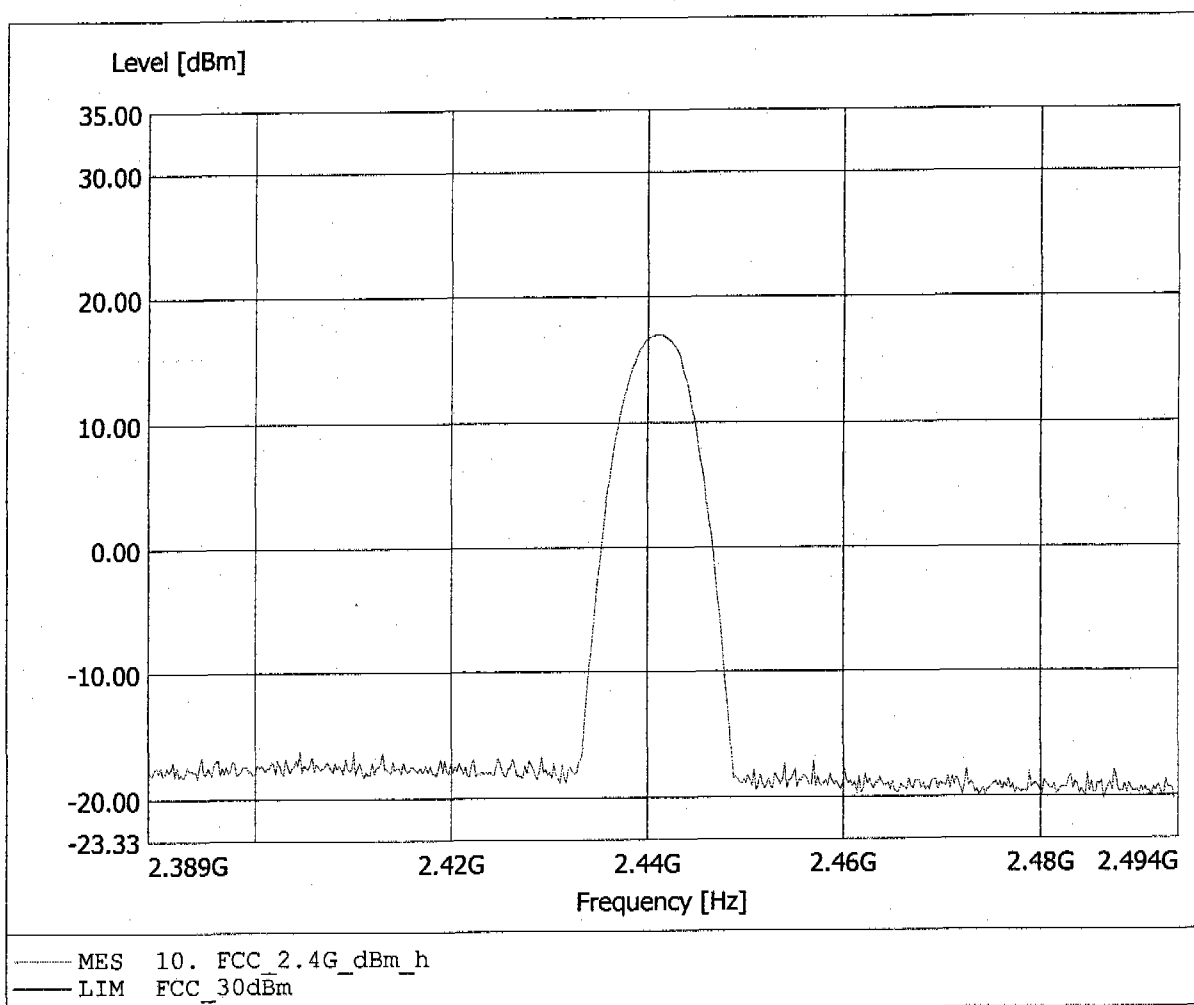
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V -15% AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: 13.31dBm, RBW: 5MHz



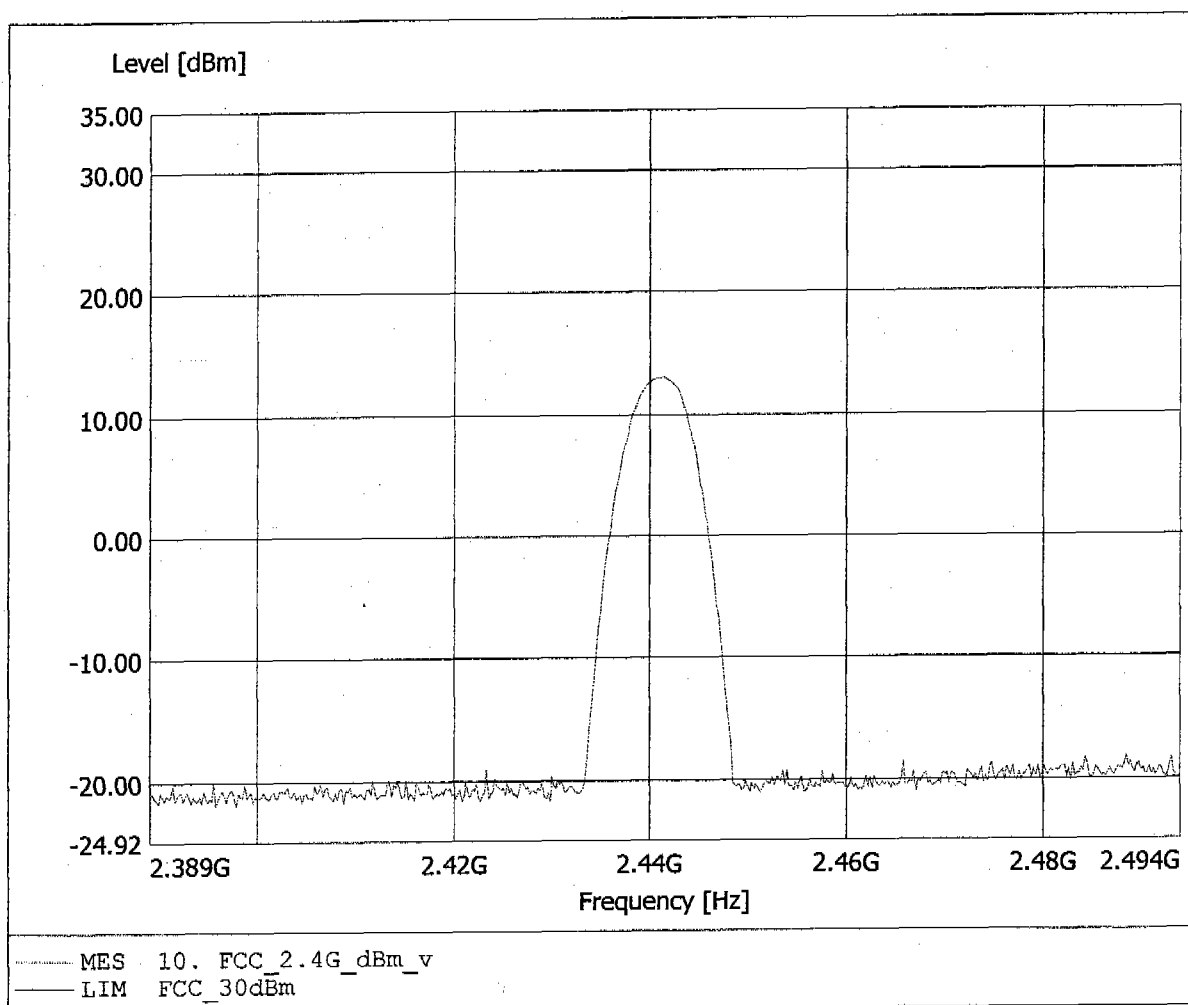
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: 17.00dBm, RBW: 5MHz



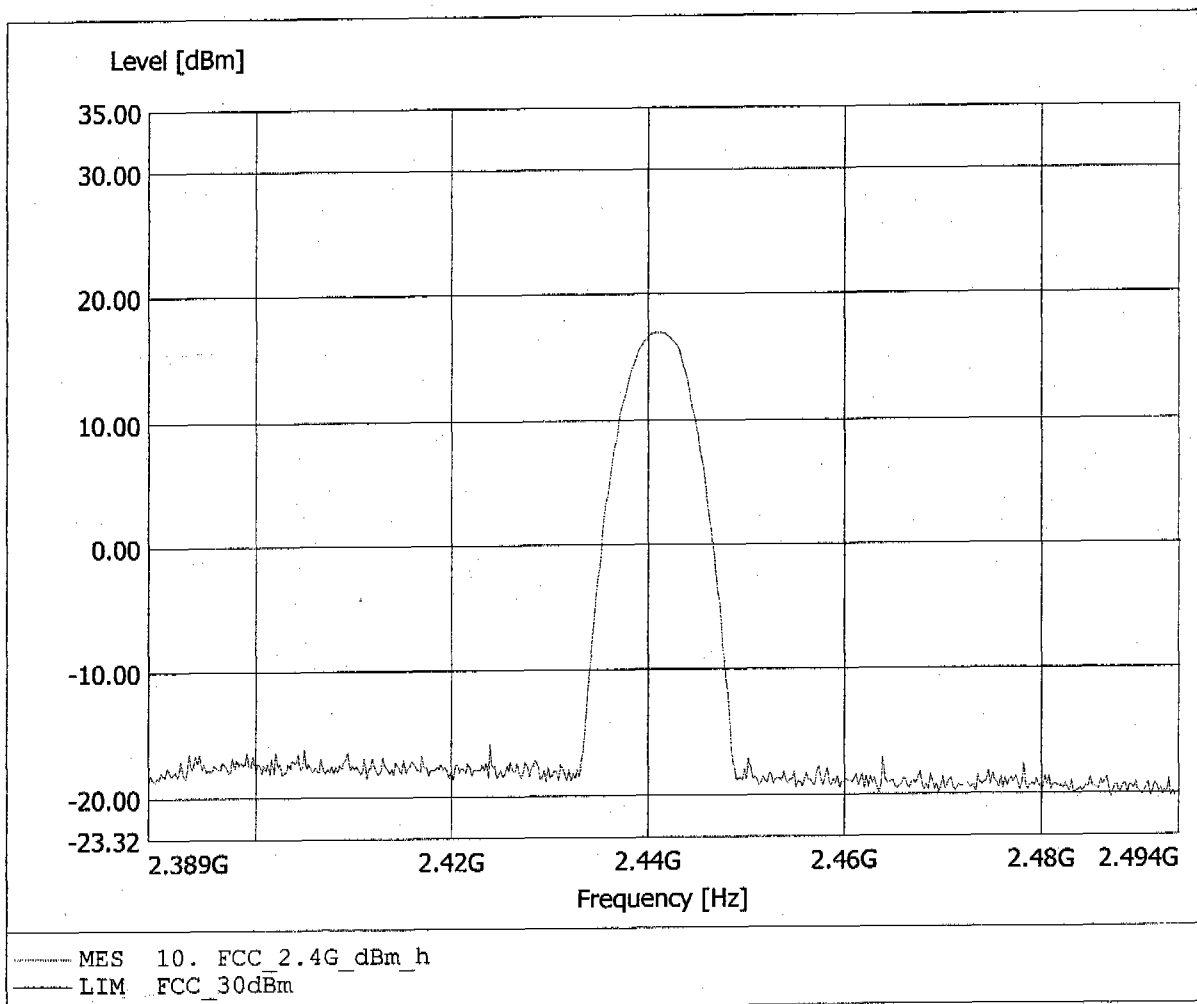
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: 13.09dBm, RBW: 5MHz



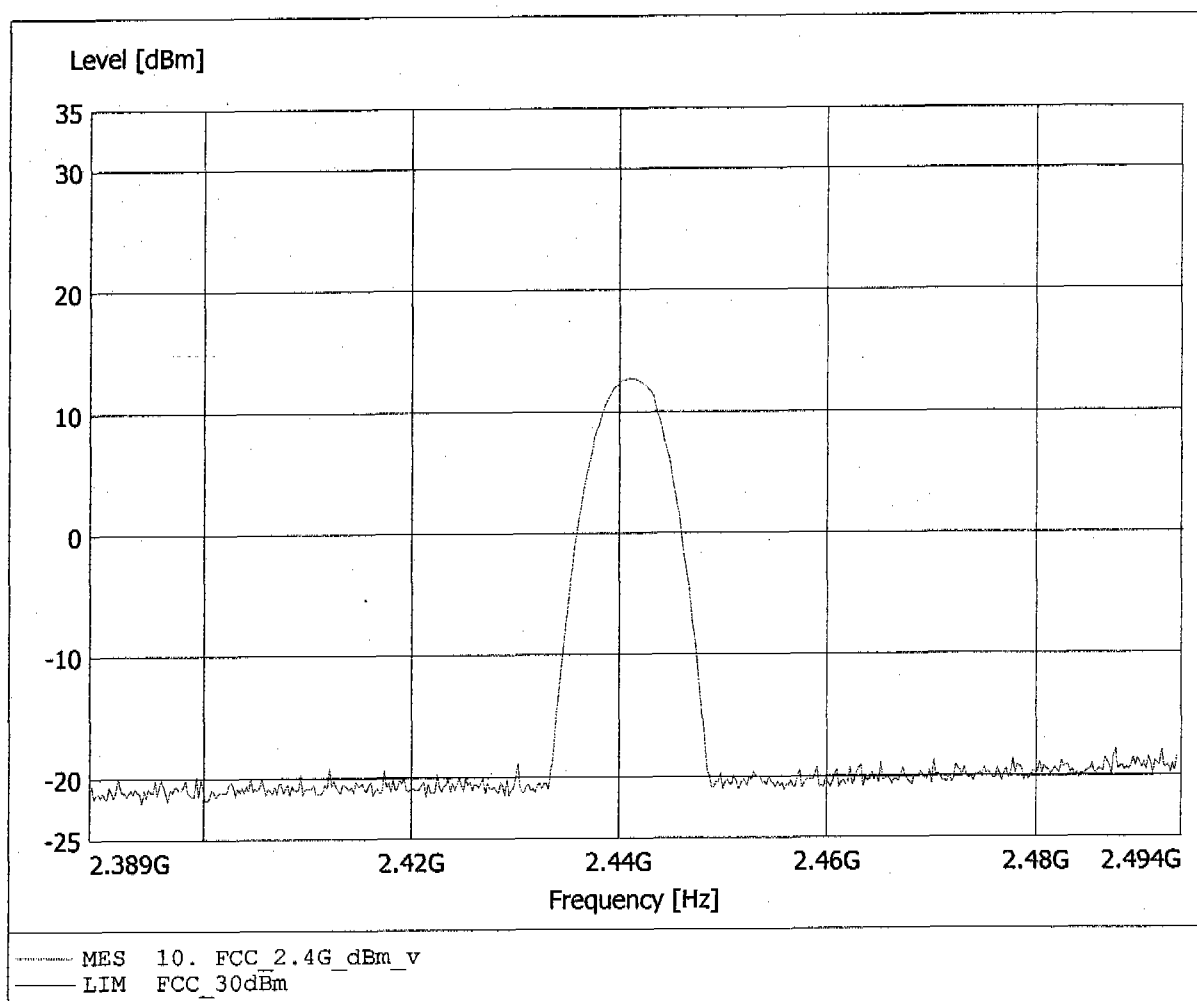
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V +15% AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: 16.95dBm, RBW: 5MHz



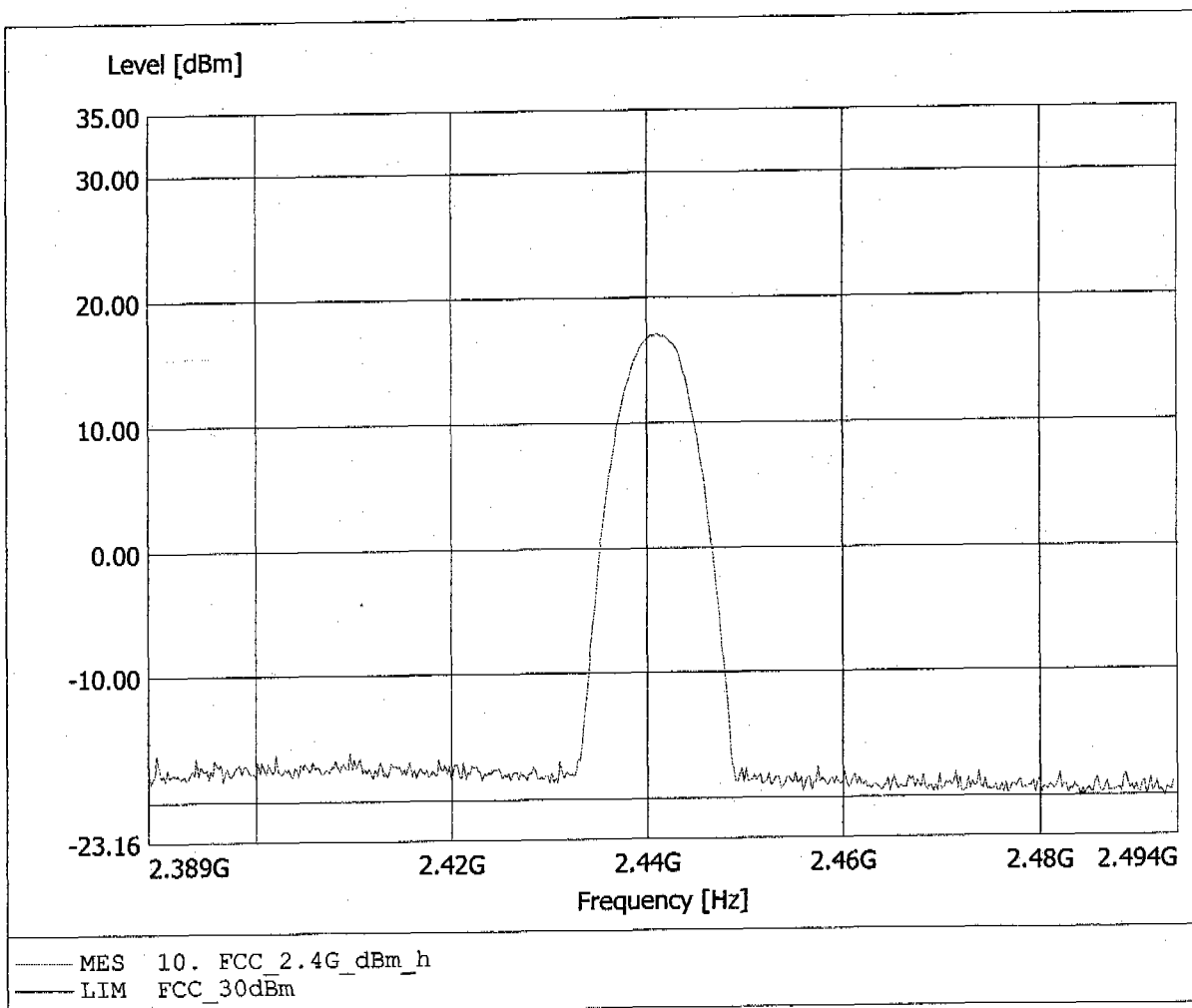
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V +15% AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: 12.77dBm, RBW: 5MHz



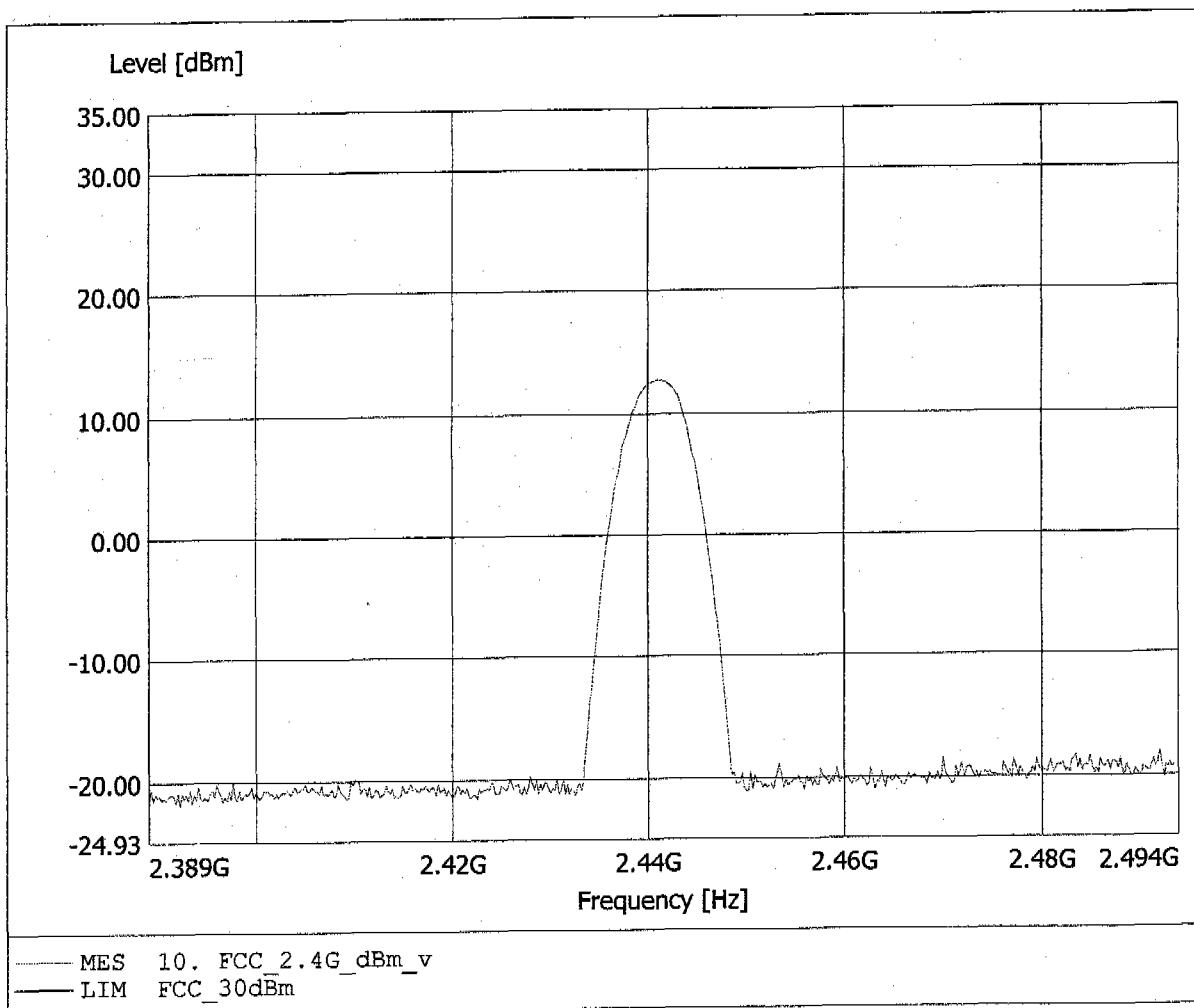
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V -15% AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: 17.07dBm, RBW: 5MHz



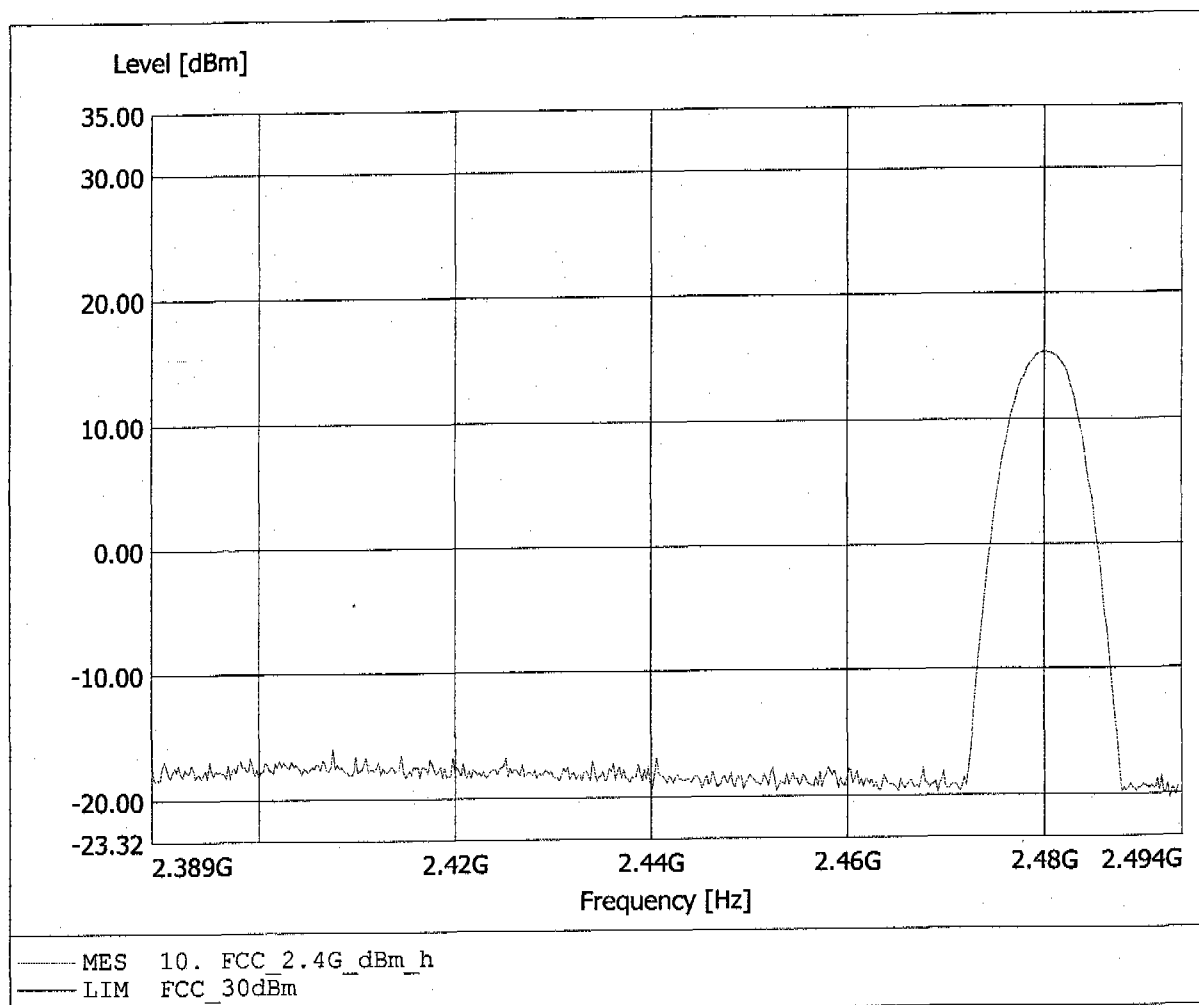
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V -15% AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: 12.78dBm, RBW: 5MHz



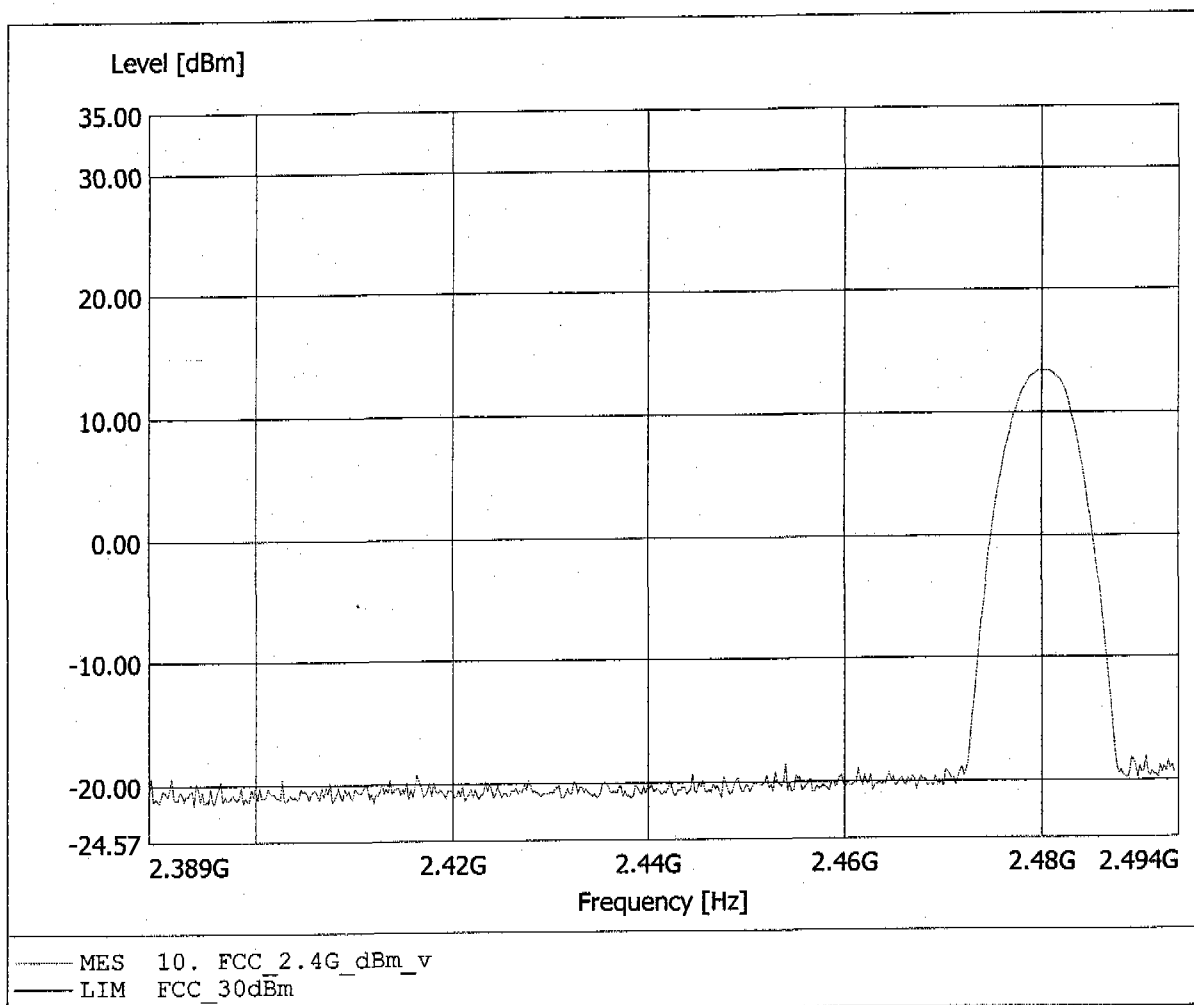
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: 15.38dBm, RBW: 5MHz



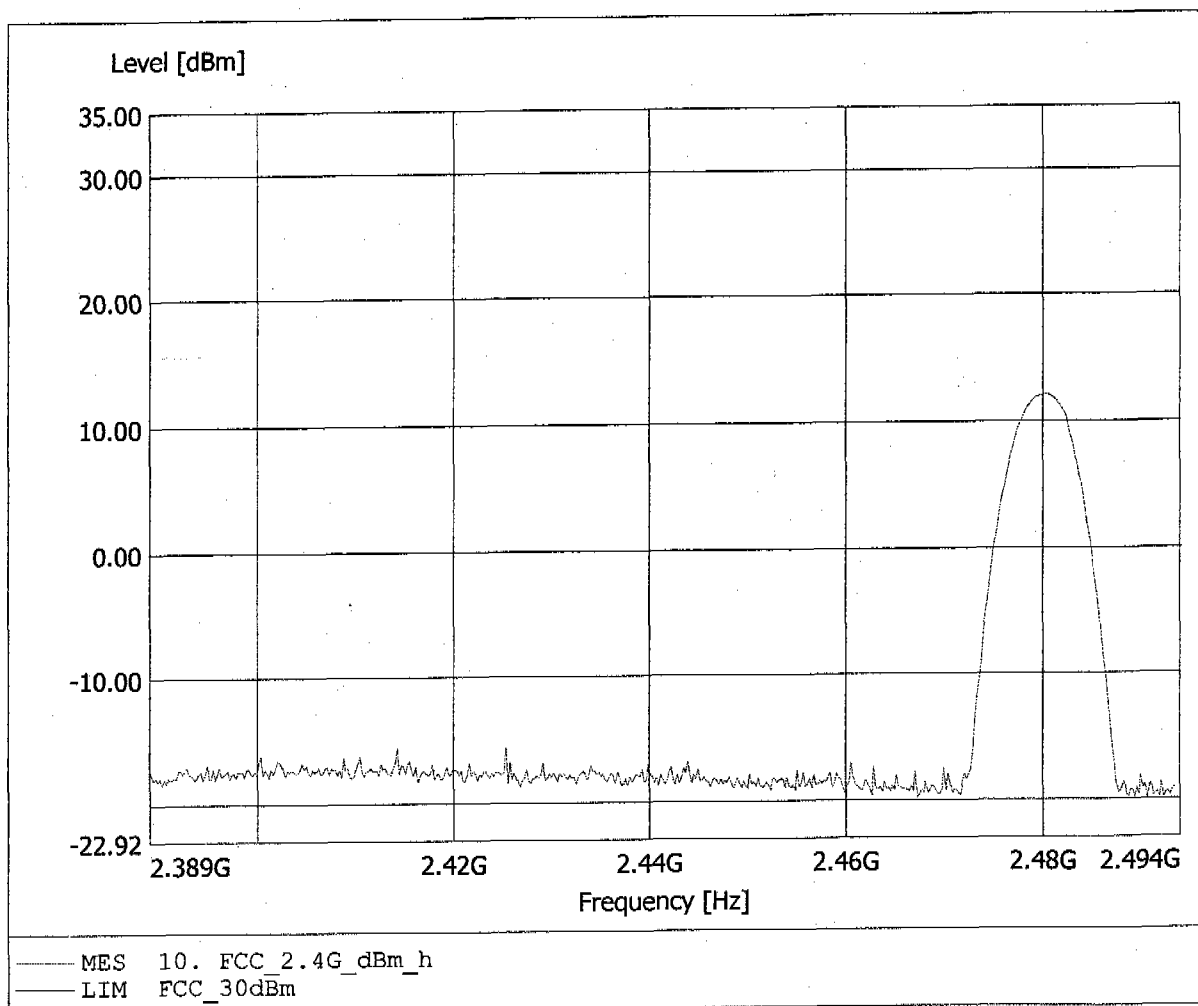
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.481GHz, Pmax: 13.38dBm, RBW: 5MHz



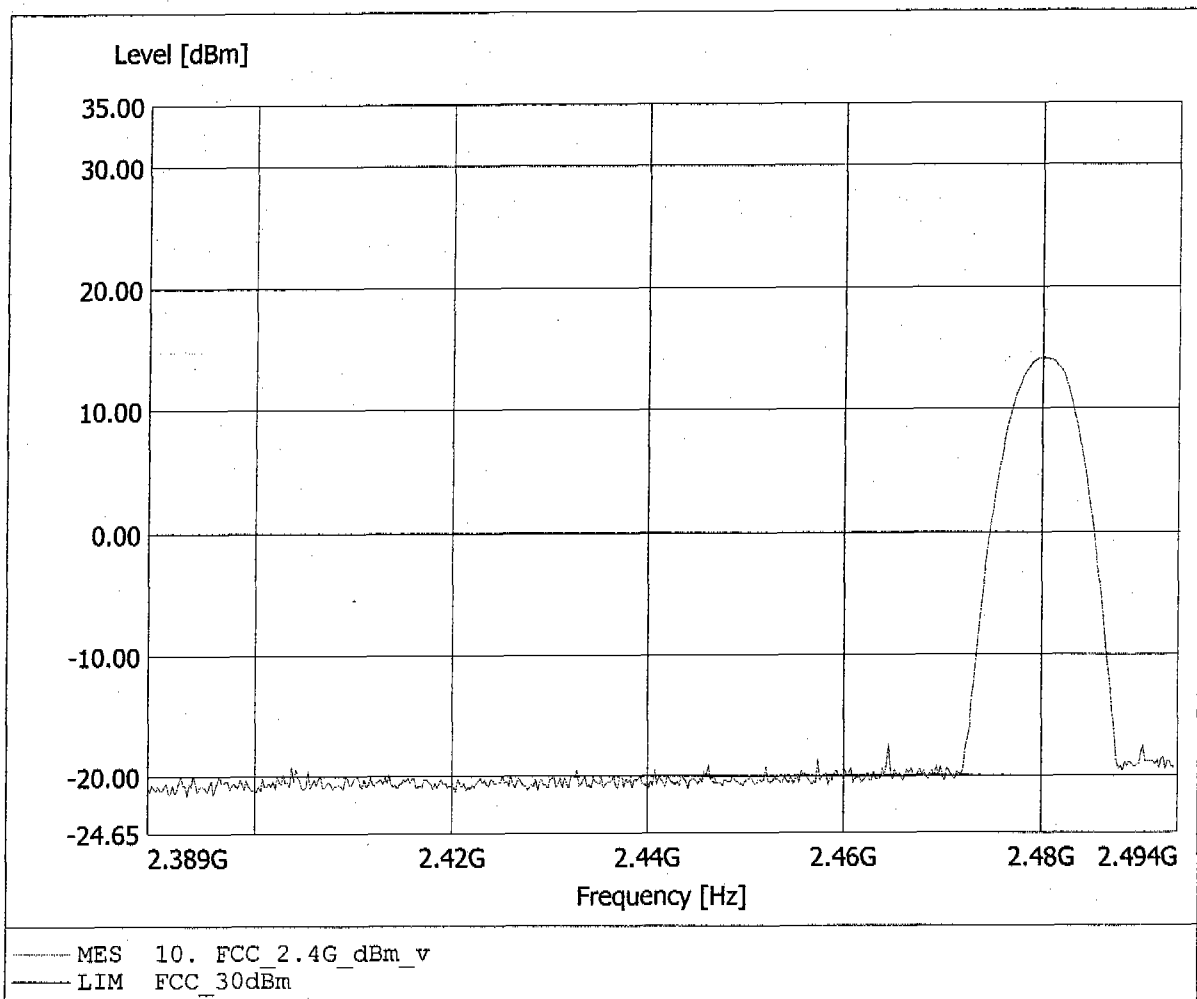
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V +15% AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: 12.09dBm, RBW: 5MHz



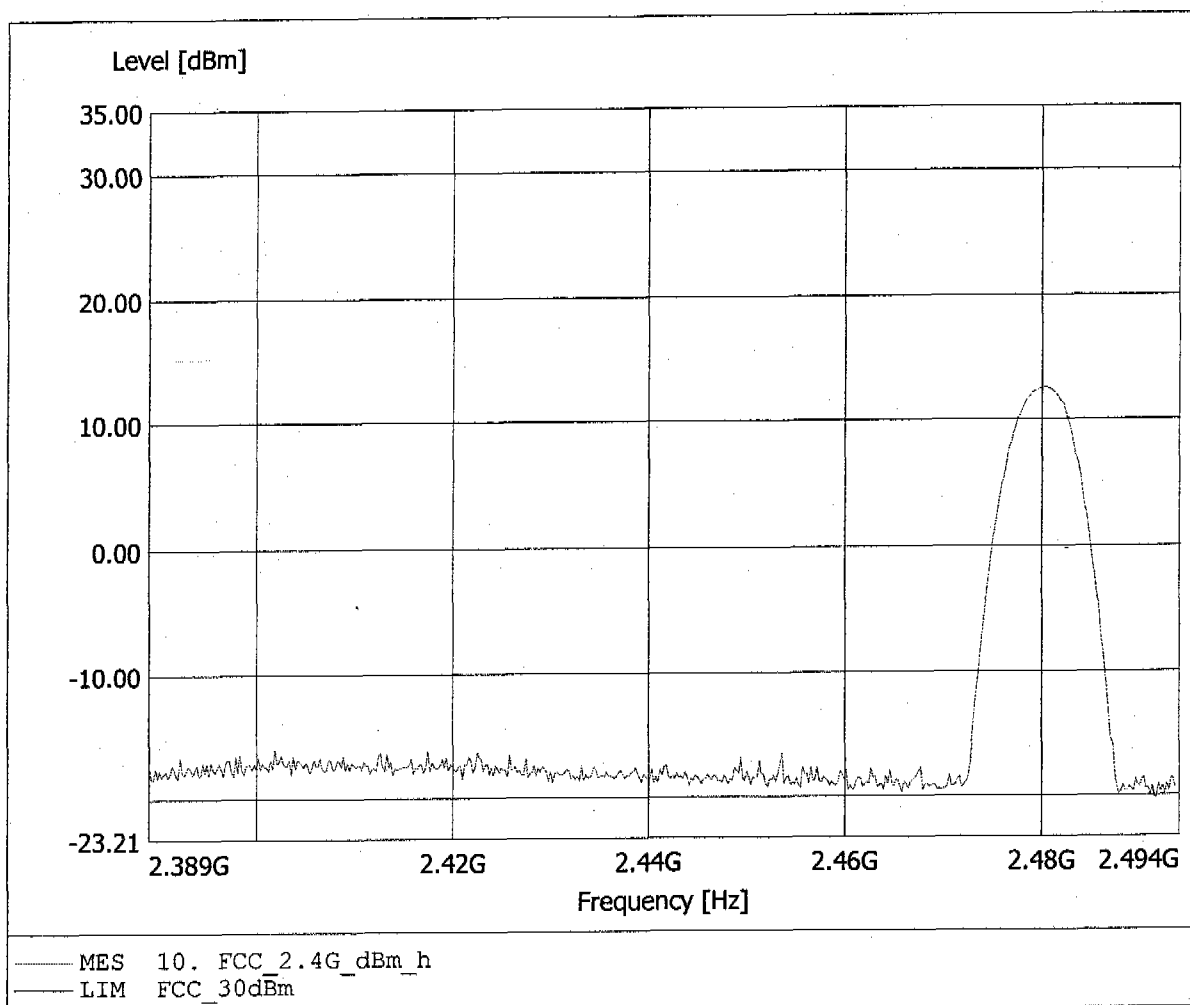
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V +15% AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.481GHz, Pmax: 14.12dBm, RBW: 5MHz



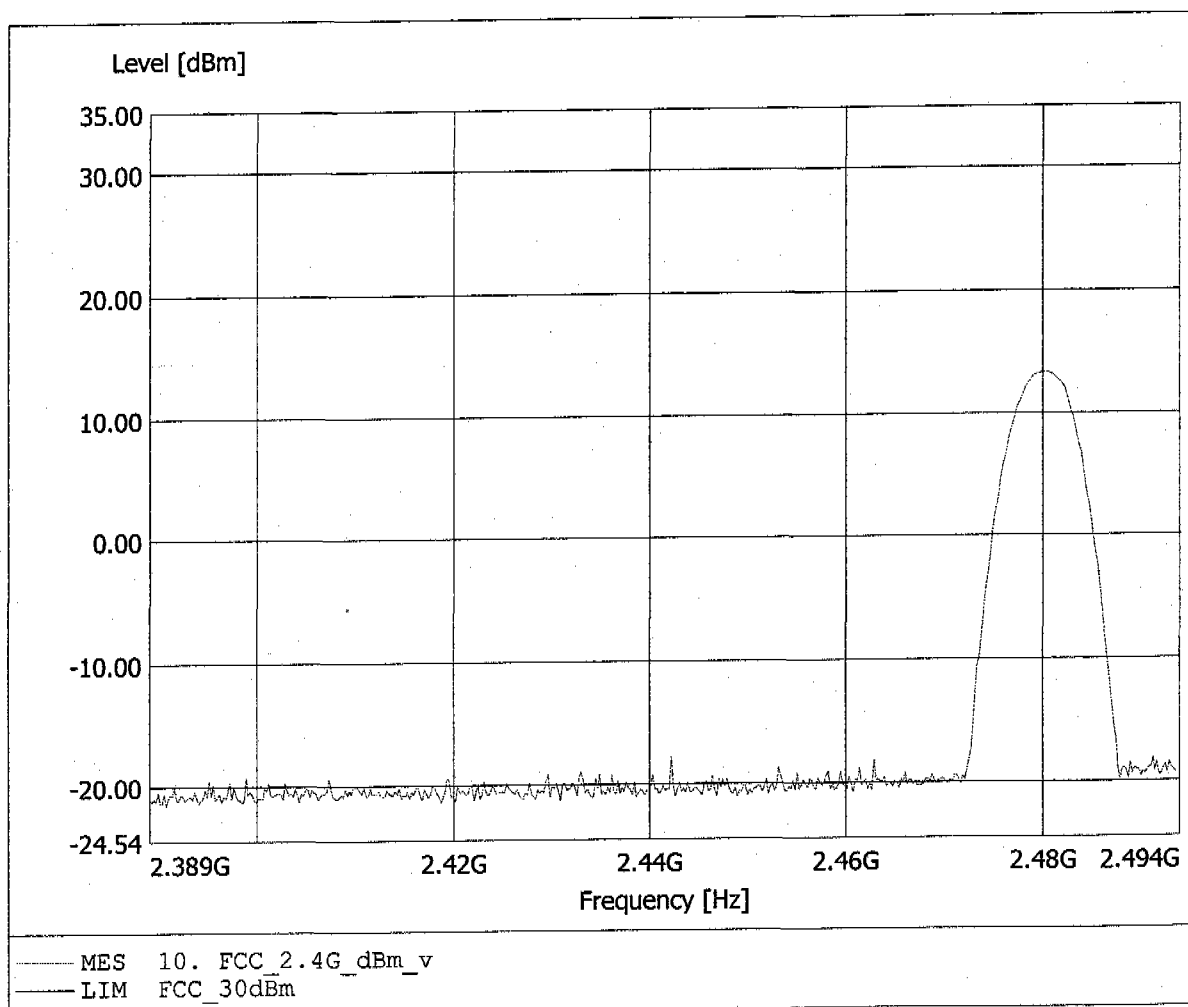
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V -15% AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: 12.59dBm, RBW: 5MHz



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

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V -15% AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.481GHz, Pmax: 13.37dBm, RBW: 5MHz

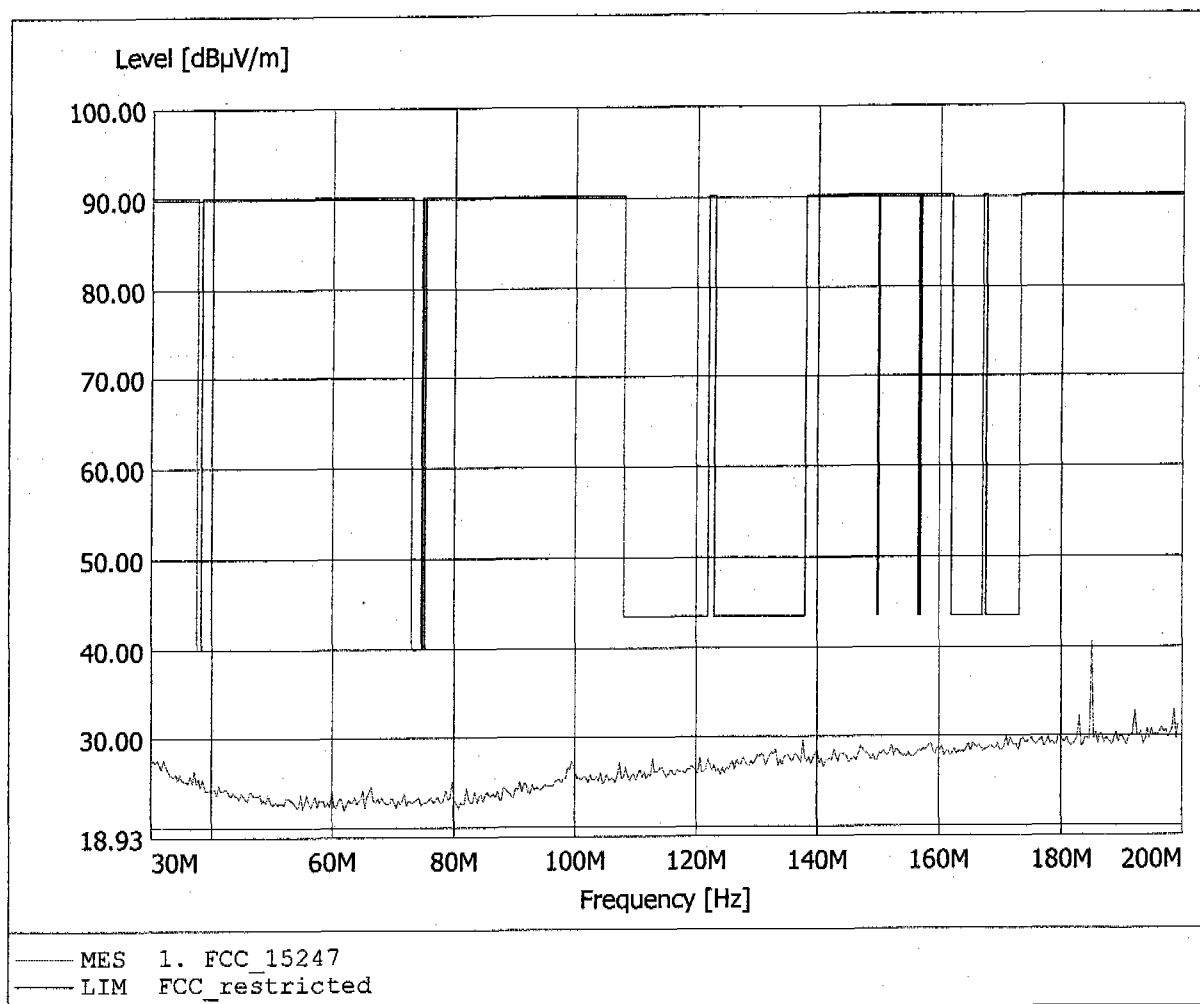


Appendix C

Spurious Emissions radiated - Transmitter operating

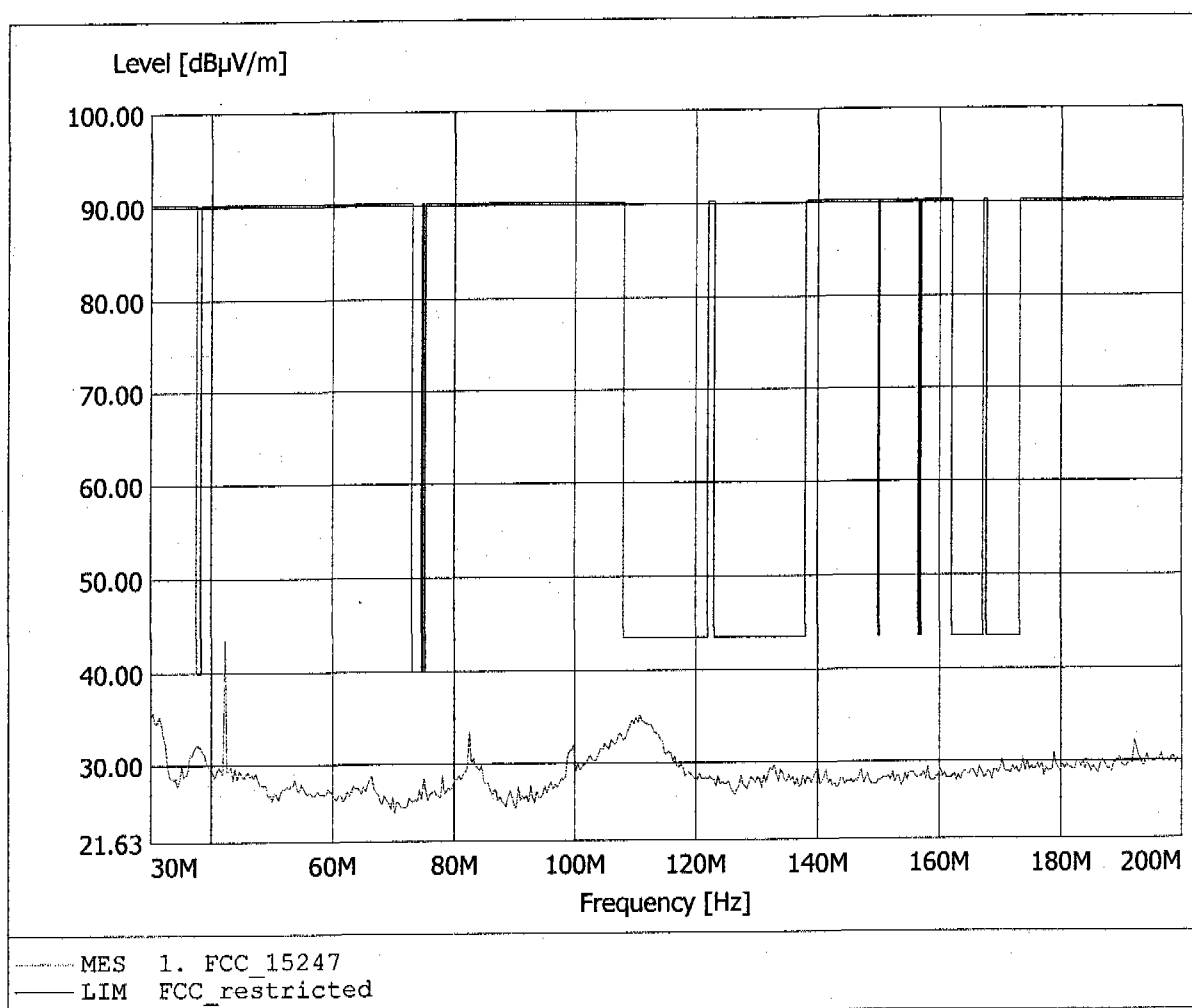
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 185.010MHz, Emax: 40.57dBµV/m, RBW: 100kHz



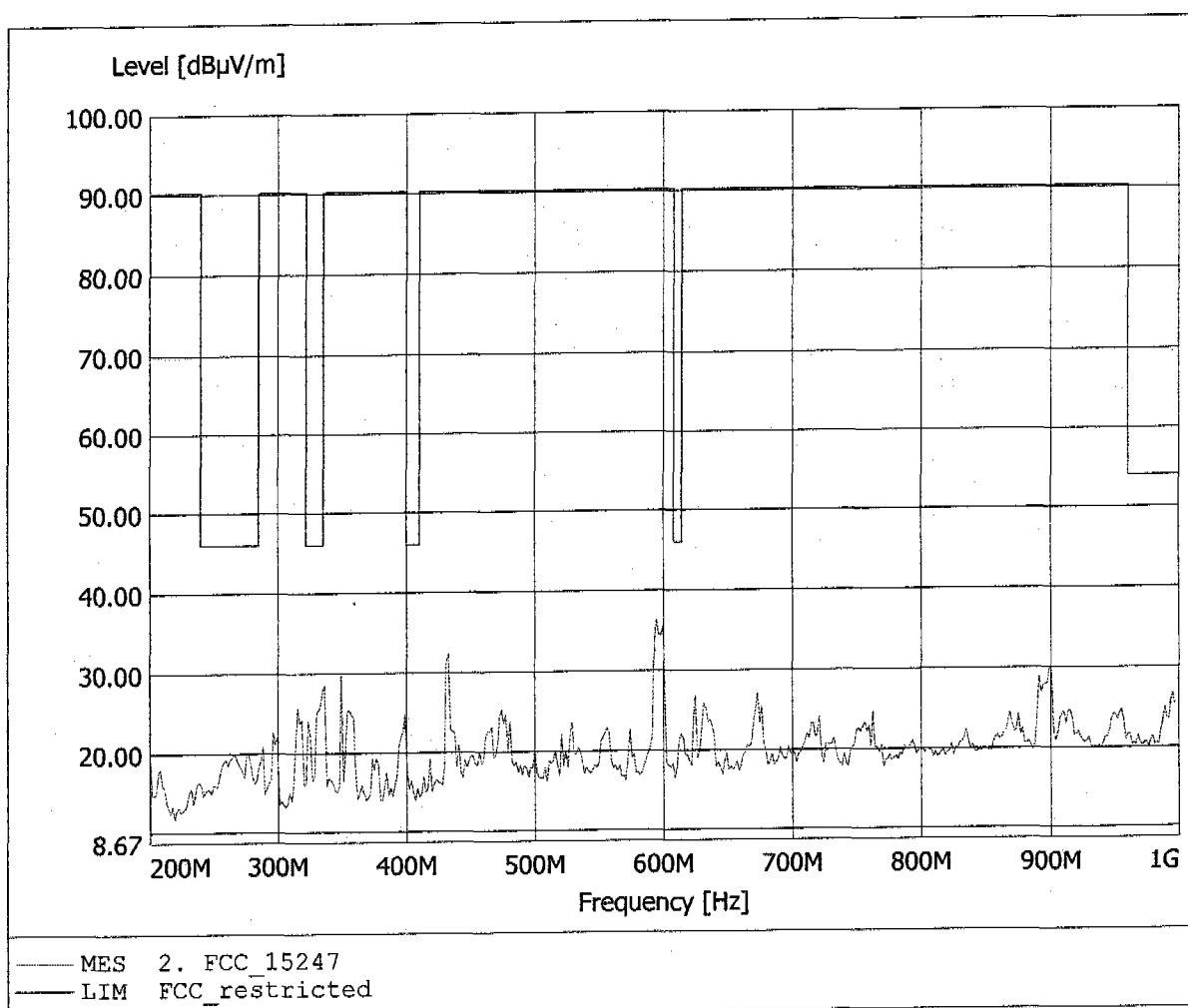
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
 Model: F2M01
 Approval Holder: Free2move AB
 Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
 Test Site / Operator: ETS / Mr. Hoppe
 Test Specification: according to §15.247
 Comment 1: Dist.: 3m, Ant.: HK 116
 Comment 2: Freq: 42.265MHz, Emax: 43.54dBµV/m, RBW: 100kHz



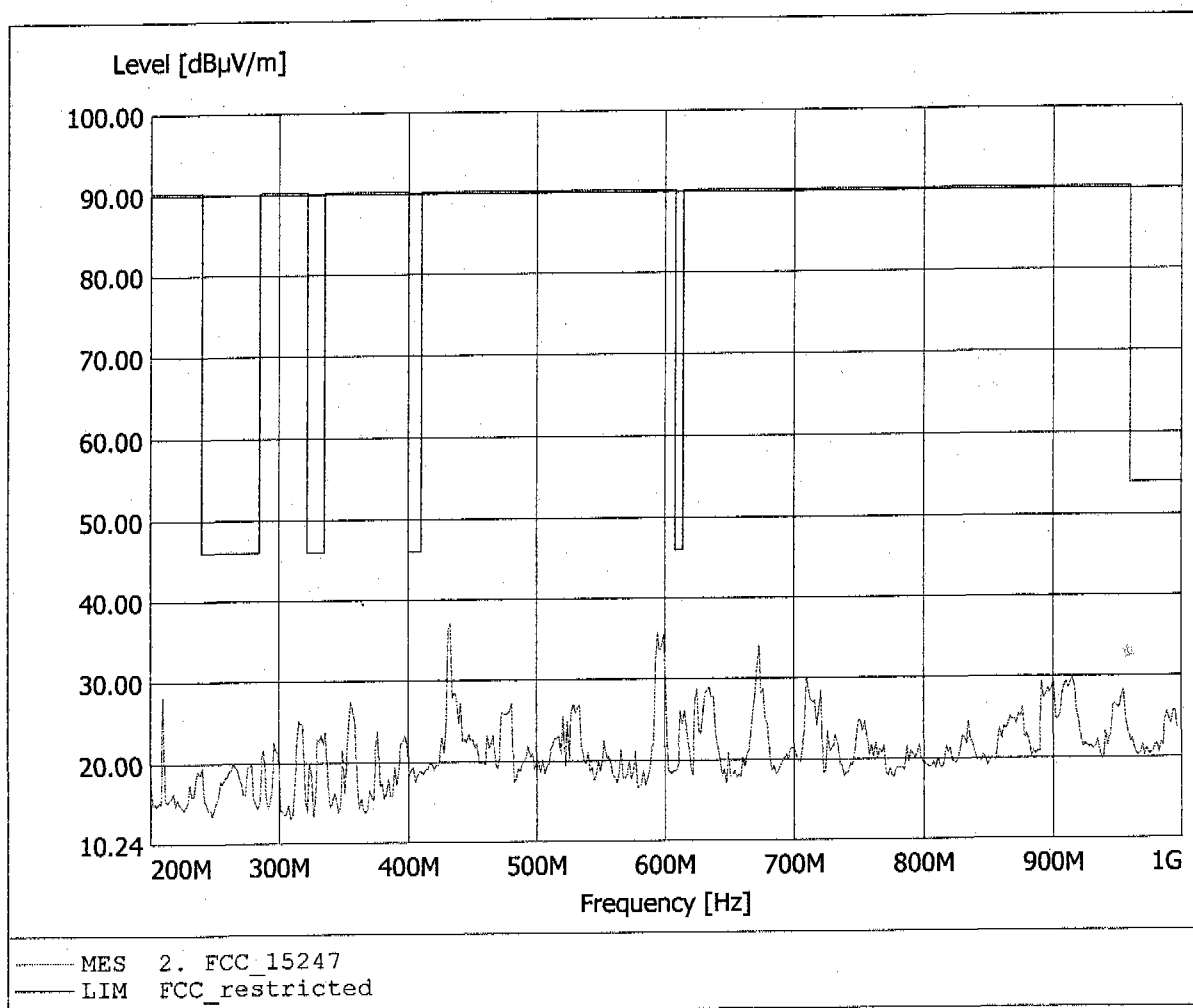
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
 Model: F2M01
 Approval Holder: Free2move AB
 Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
 Test Site / Operator: ETS / Mr. Hoppe
 Test Specification: according to §15.247
 Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
 Comment 2: Freq: 594.389MHz, Emax: 36.36dBµV/m, RBW: 100kHz



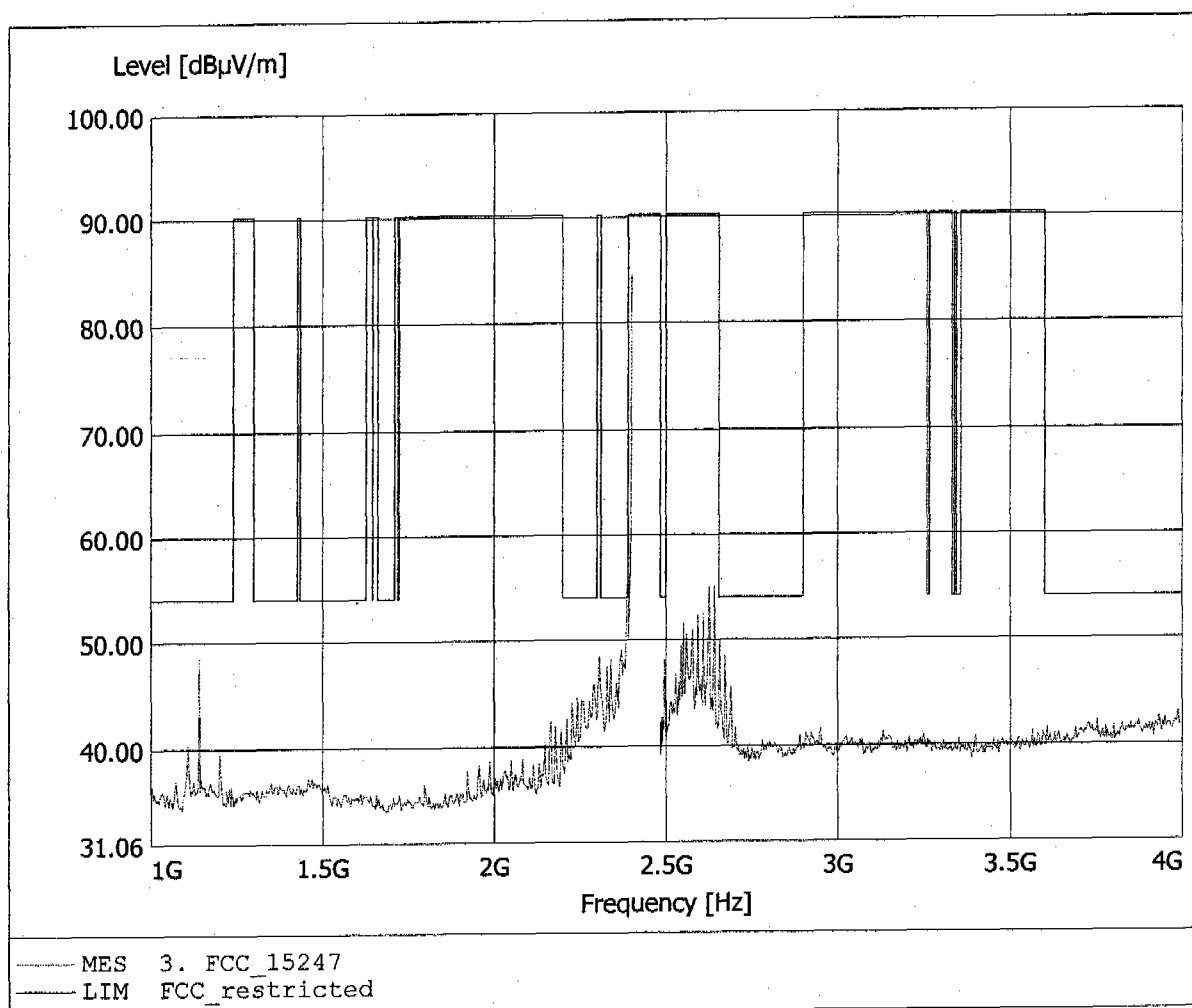
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 432.465MHz, Emax: 37.17dBµV/m, RBW: 100kHz



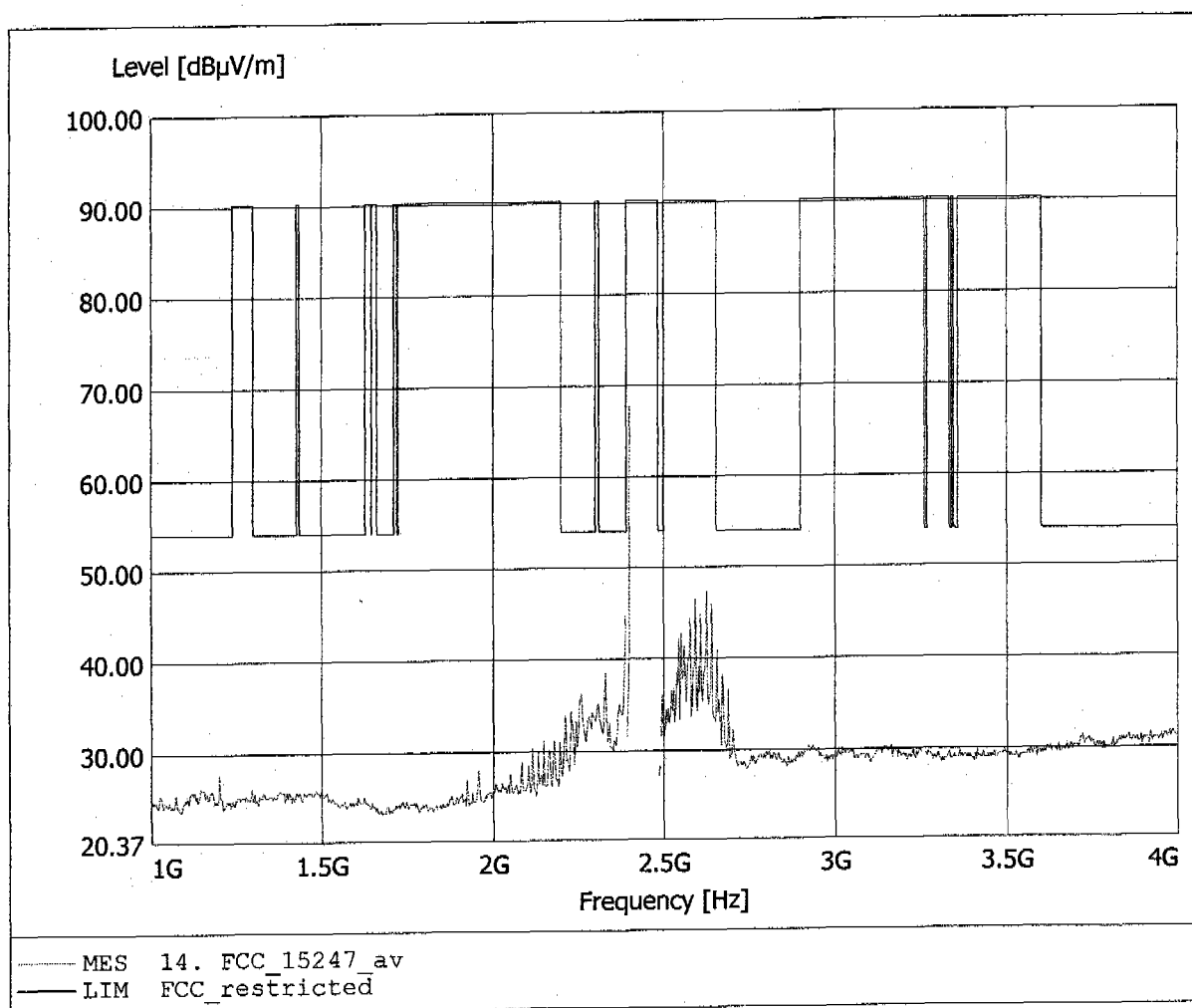
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 84.41dBµV/m, RBW: 1MHz



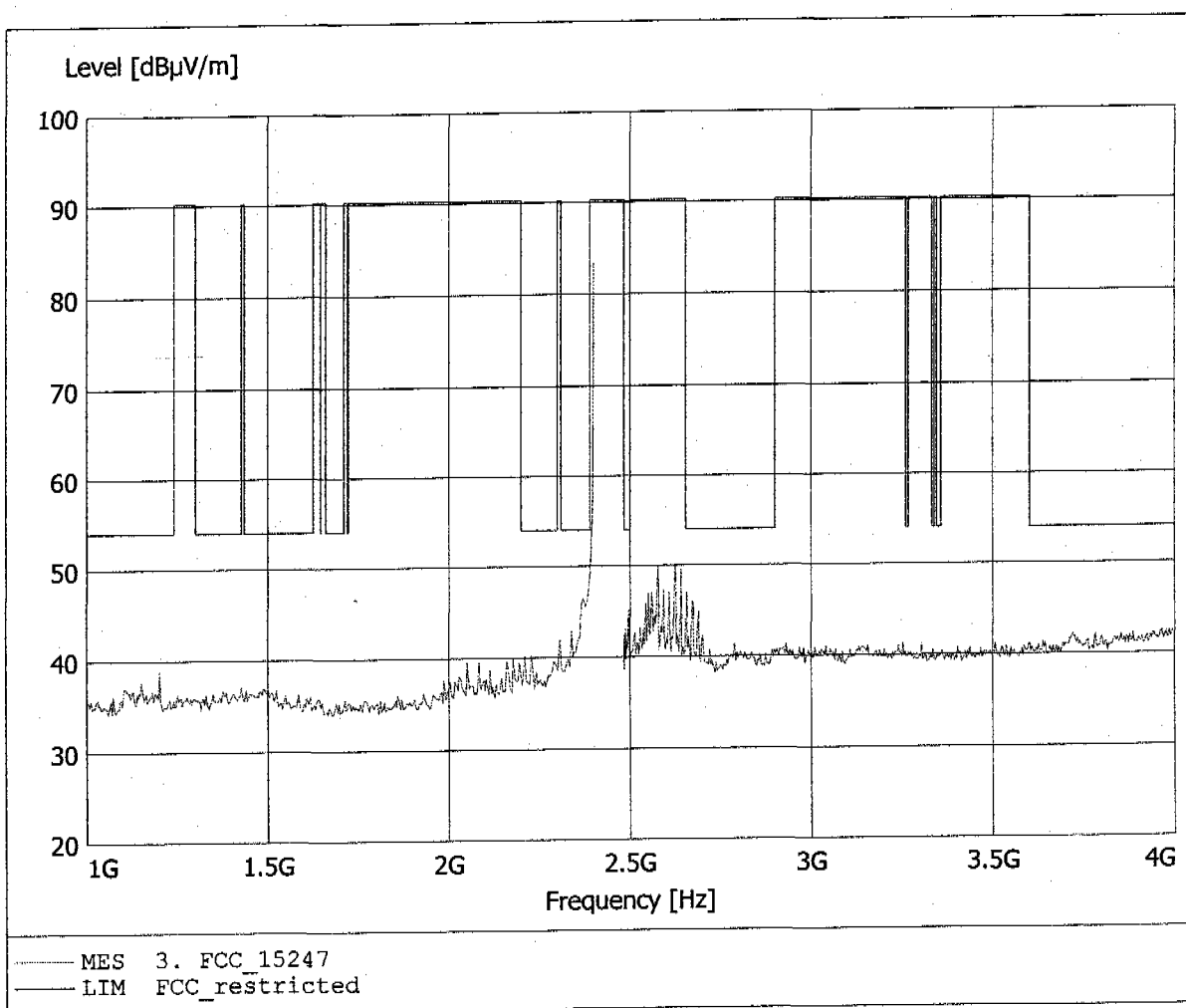
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 67.72dBµV/m, RBW: 1MHz



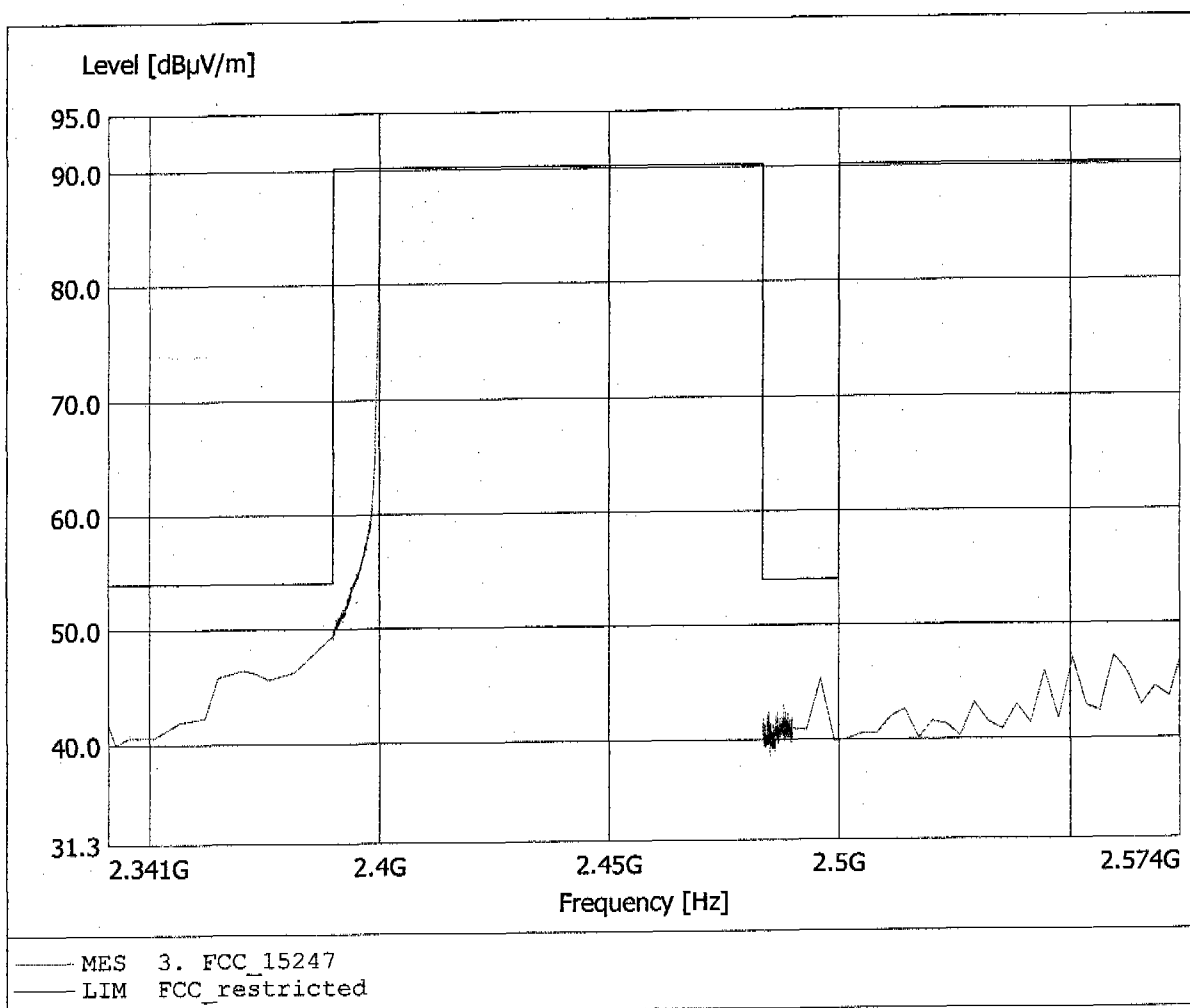
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 83.41dBµV/m, RBW: 1MHz



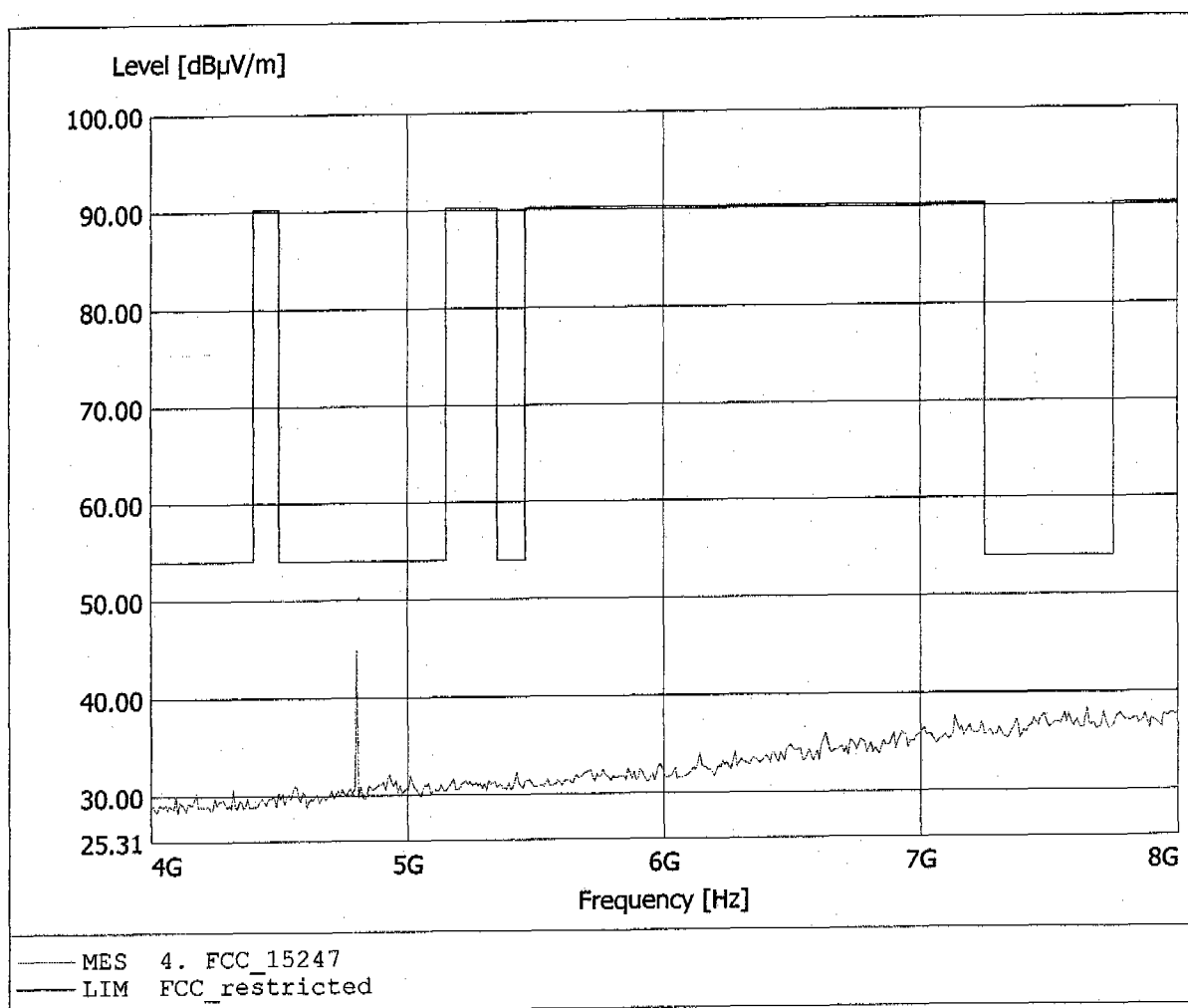
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 83.41dBµV/m, RBW: 1MHz



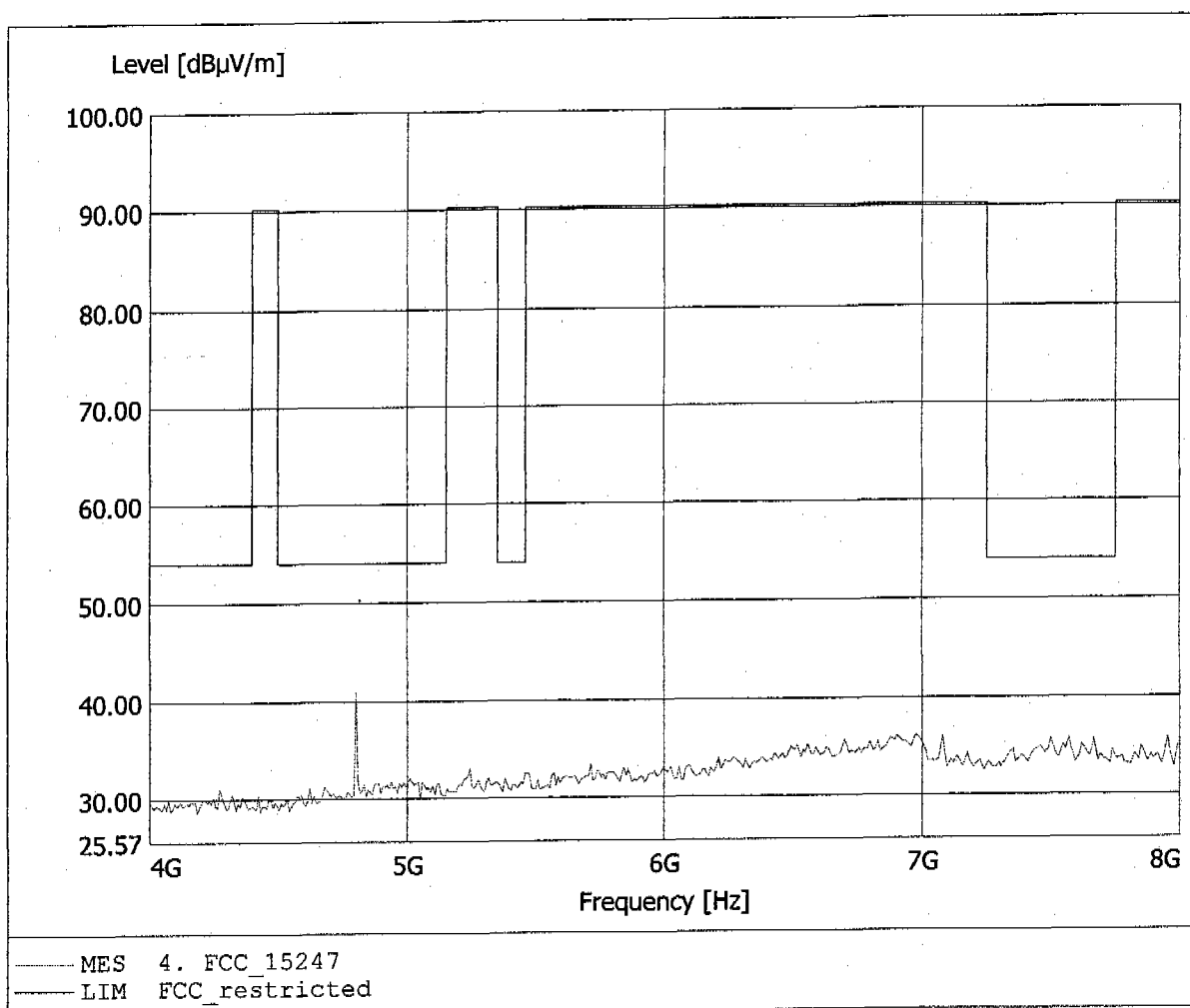
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 4.802GHz, Emax: 44.94dBµV/m, RBW: 1MHz



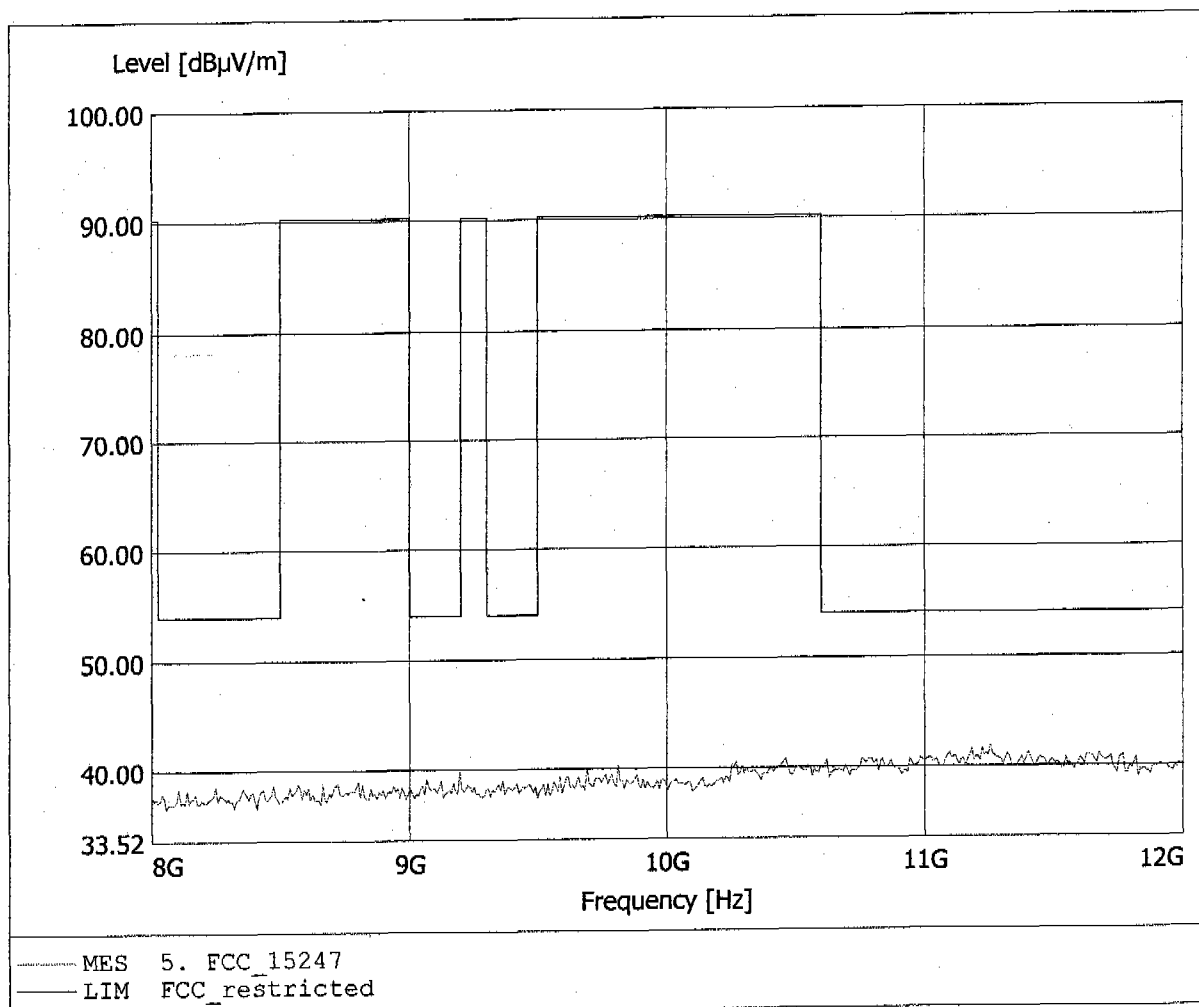
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 4.802GHz, Emax: 40.90dBμV/m, RBW: 1MHz



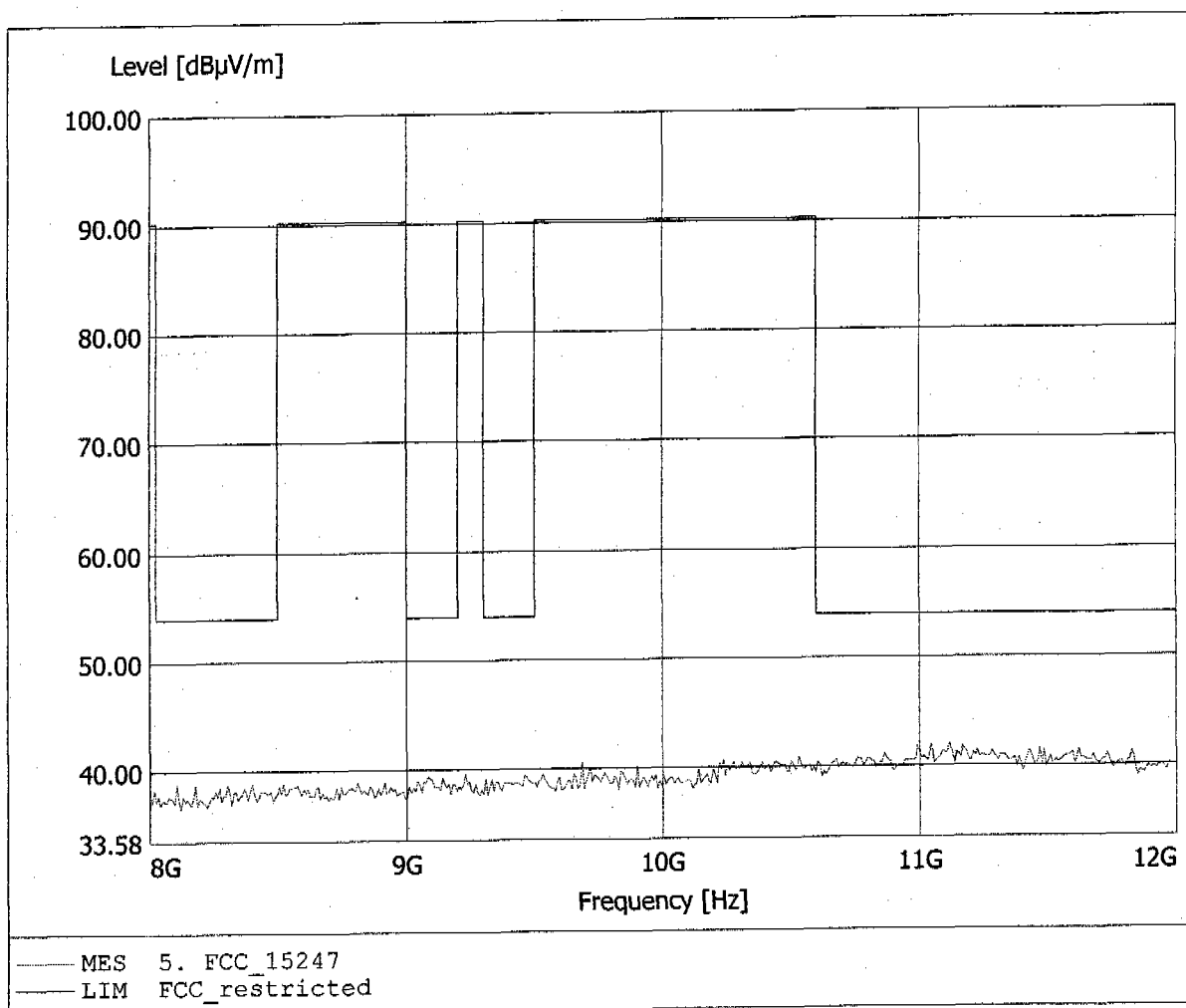
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.255GHz, Emax: 41.96dBμV/m, RBW: 1MHz



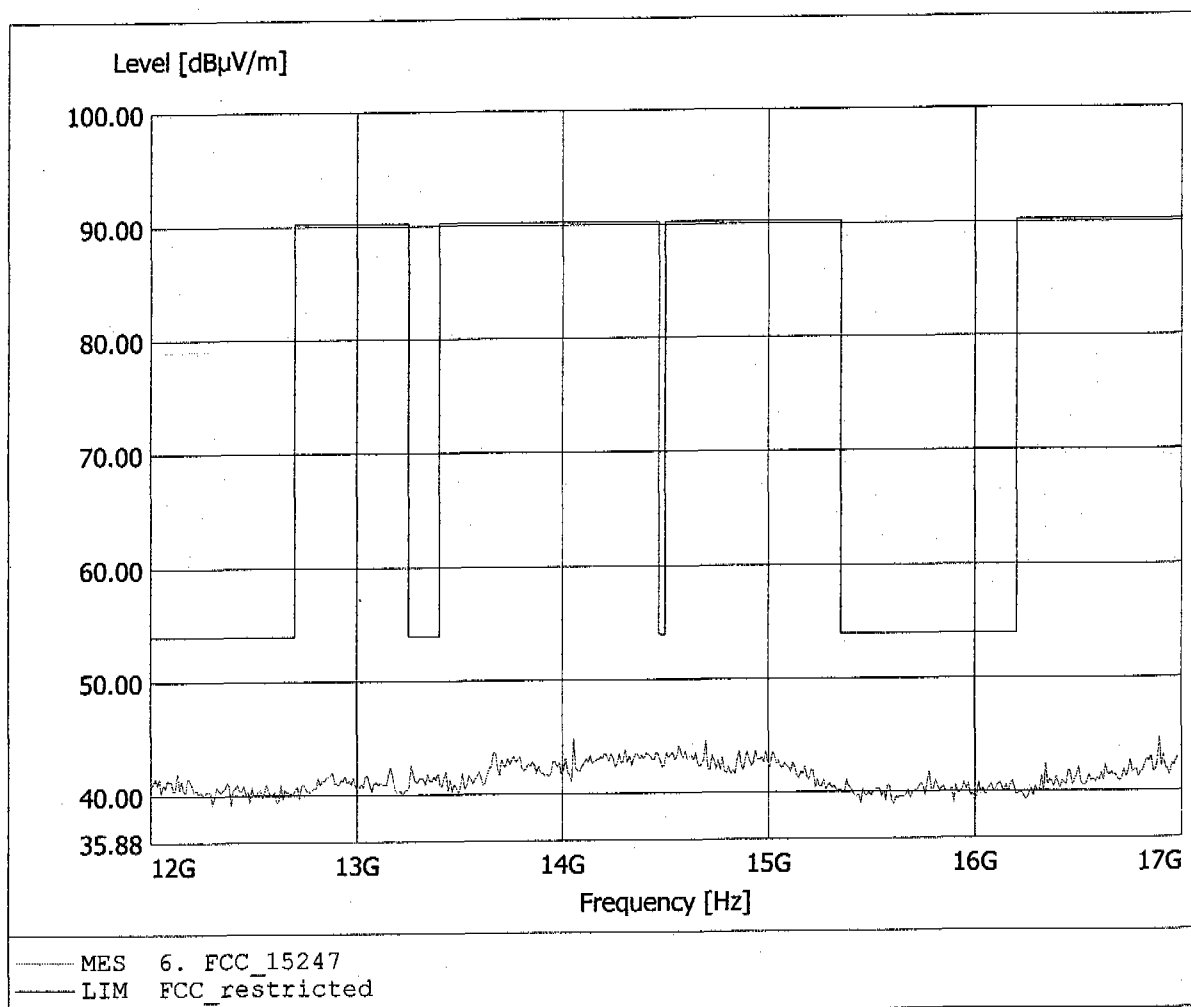
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.118GHz, Emax: 42.03dBµV/m, RBW: 1MHz



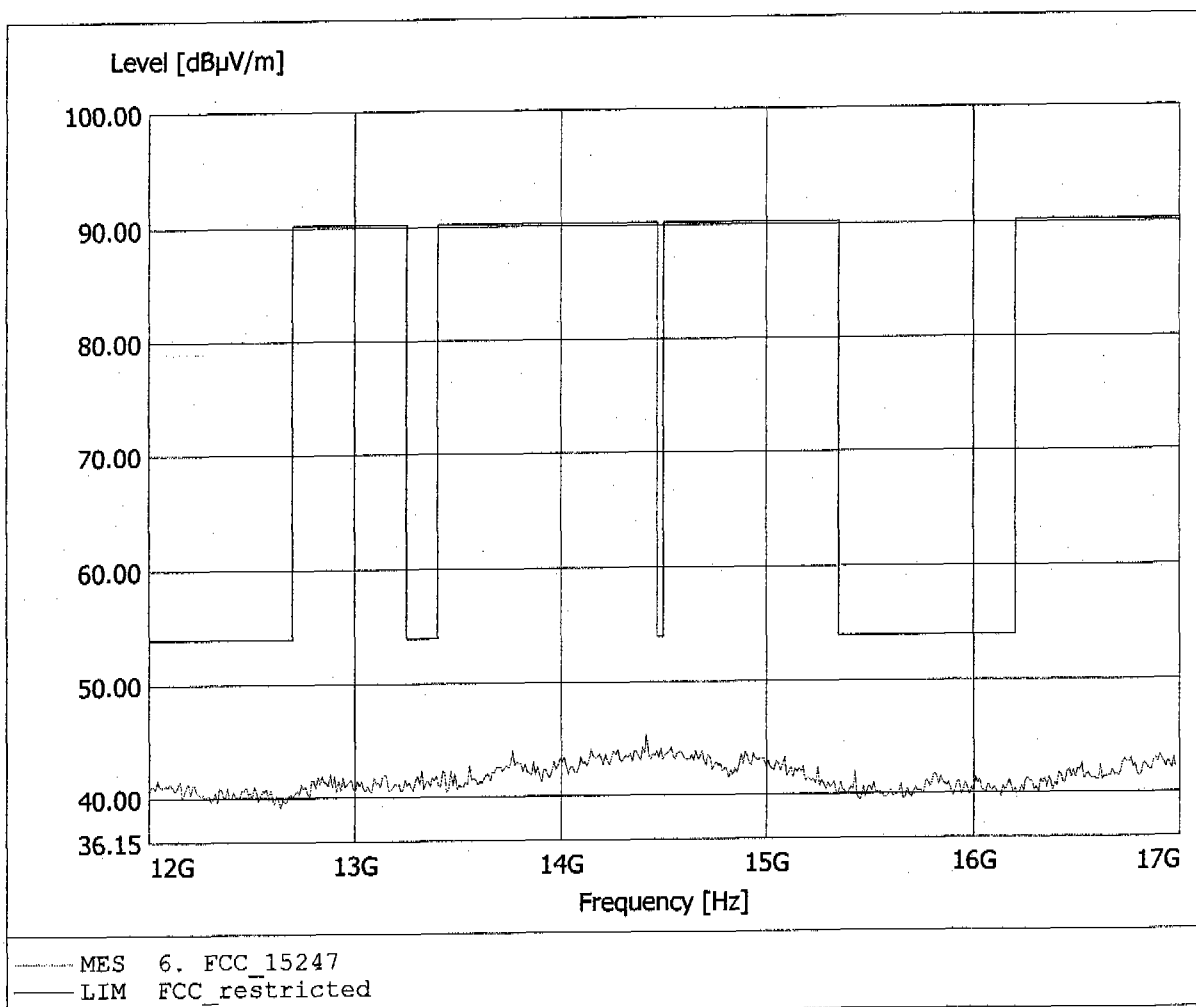
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 14.054GHz, Emax: 44.79dBµV/m, RBW: 1MHz



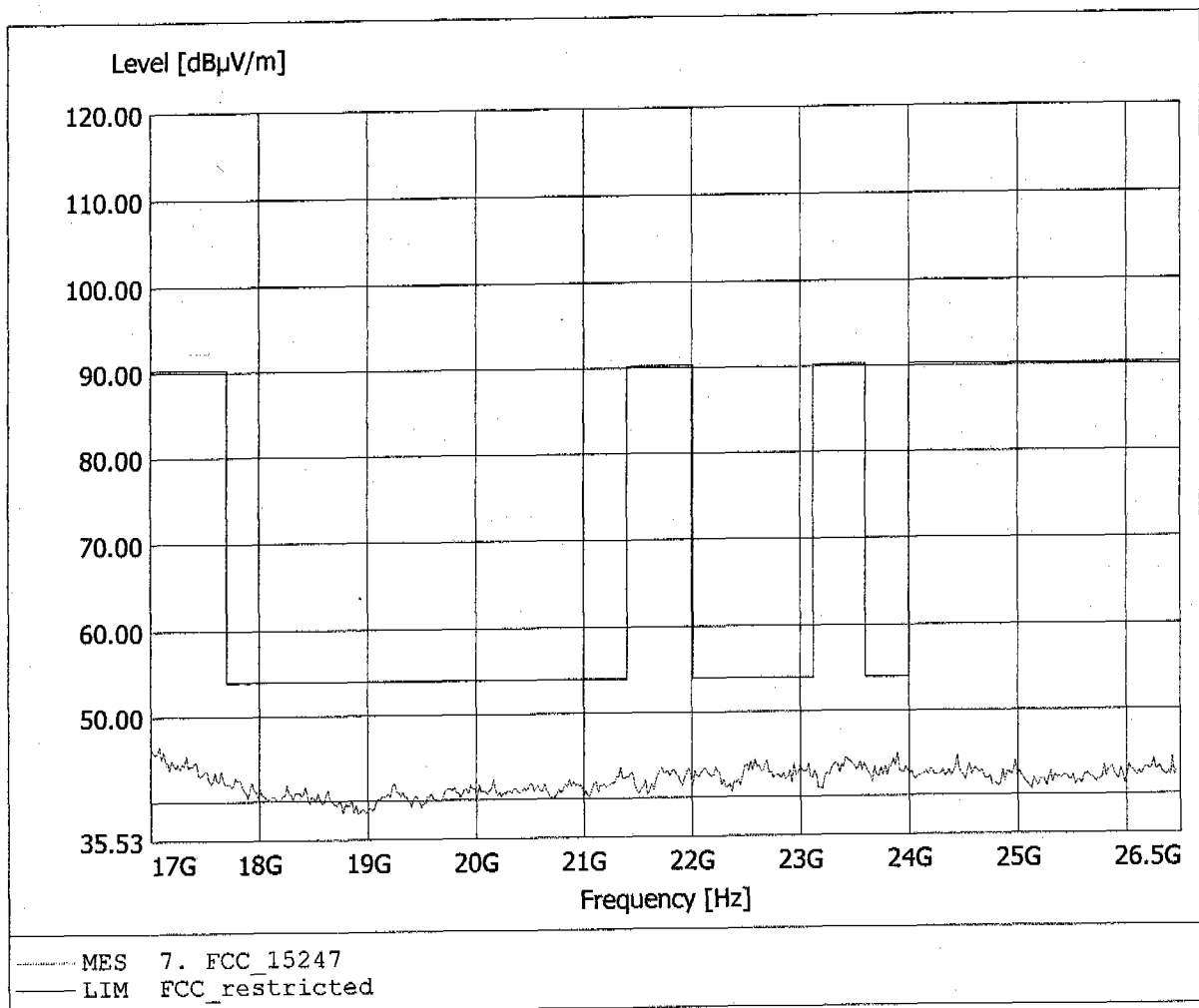
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 14.415GHz, Emax: 45.25dBµV/m, RBW: 1MHz



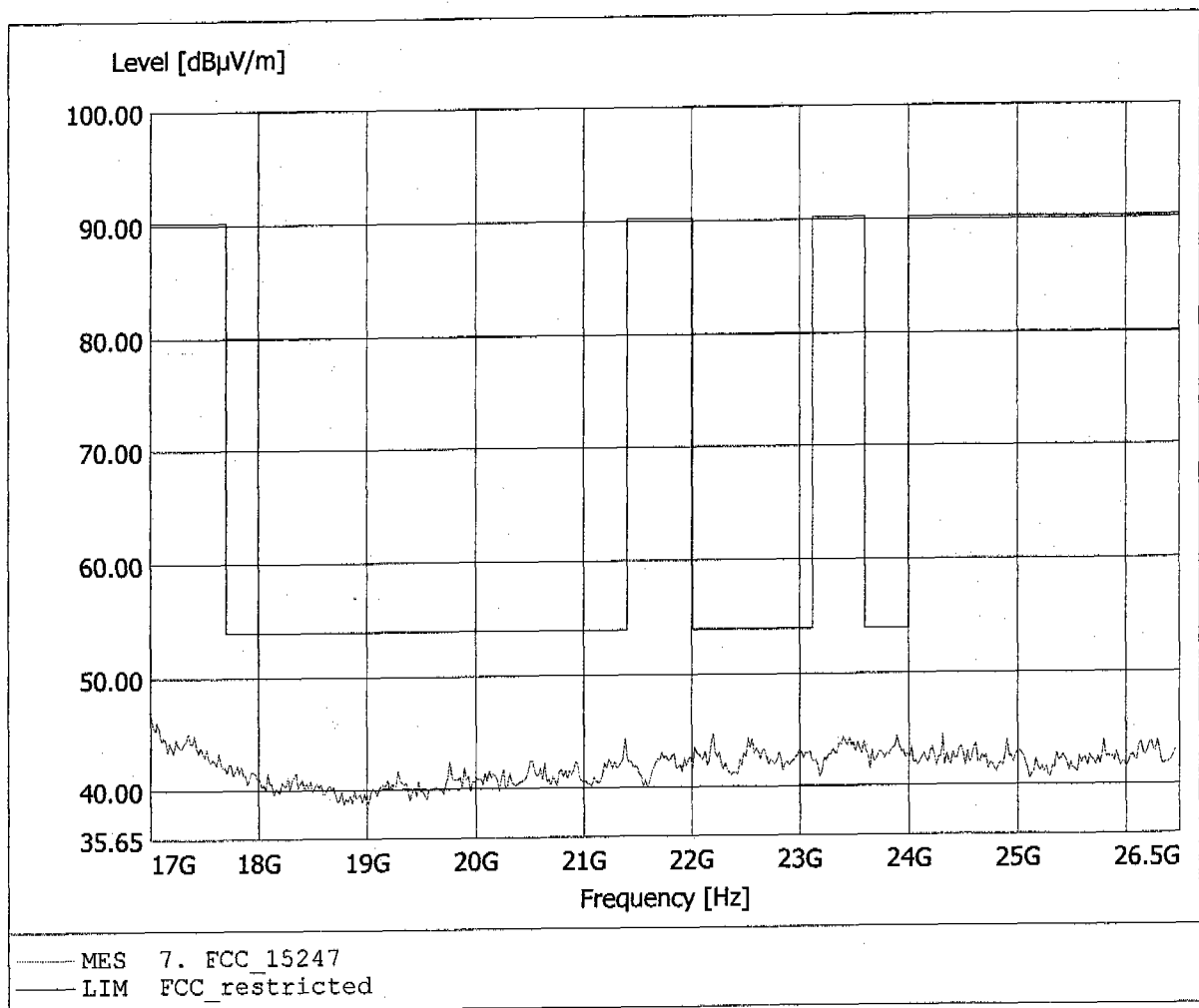
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.076GHz, Emax: 46.51dBµV/m, RBW: 1MHz



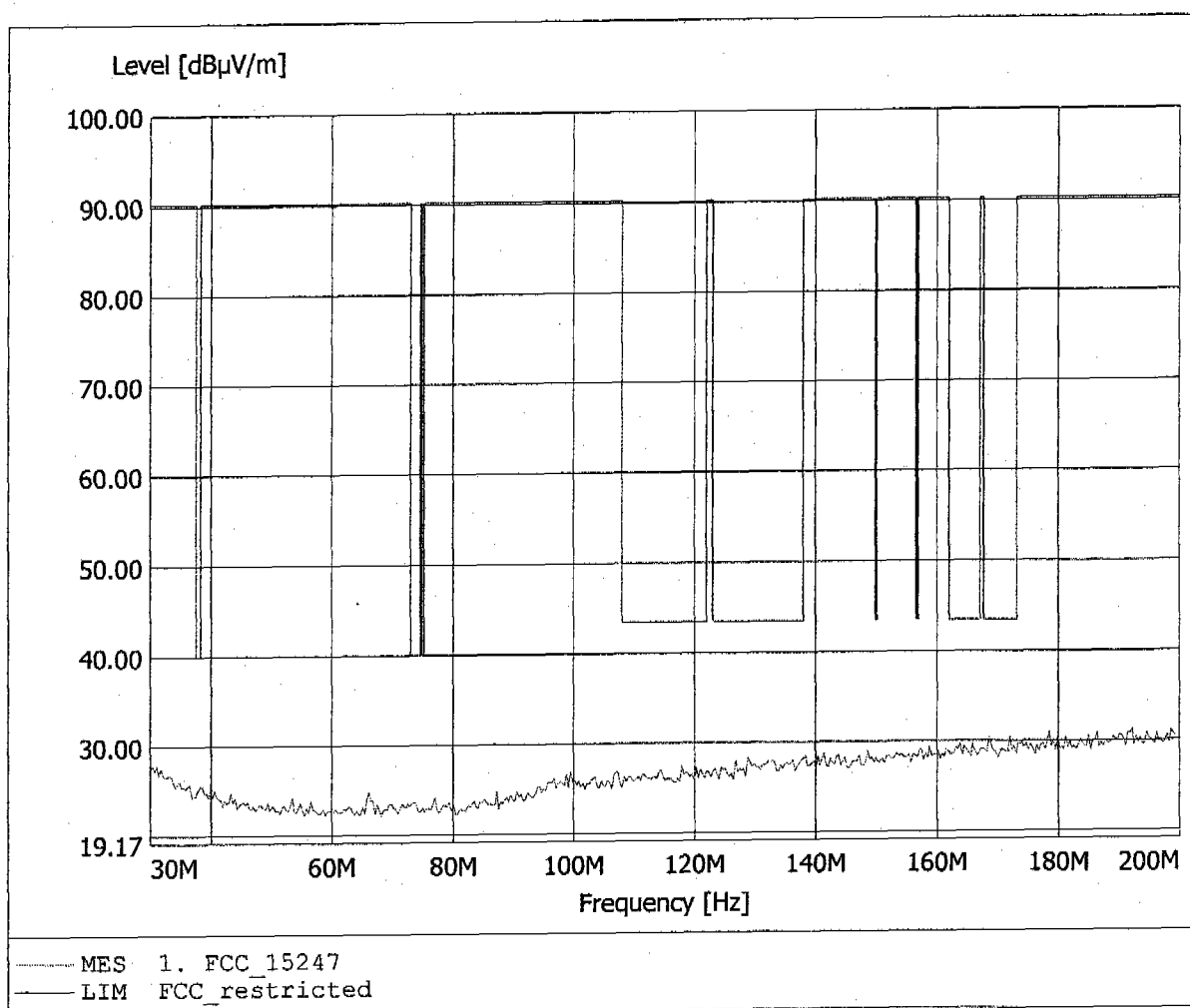
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2402 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.000GHz, Emax: 46.90dBµV/m, RBW: 1MHz



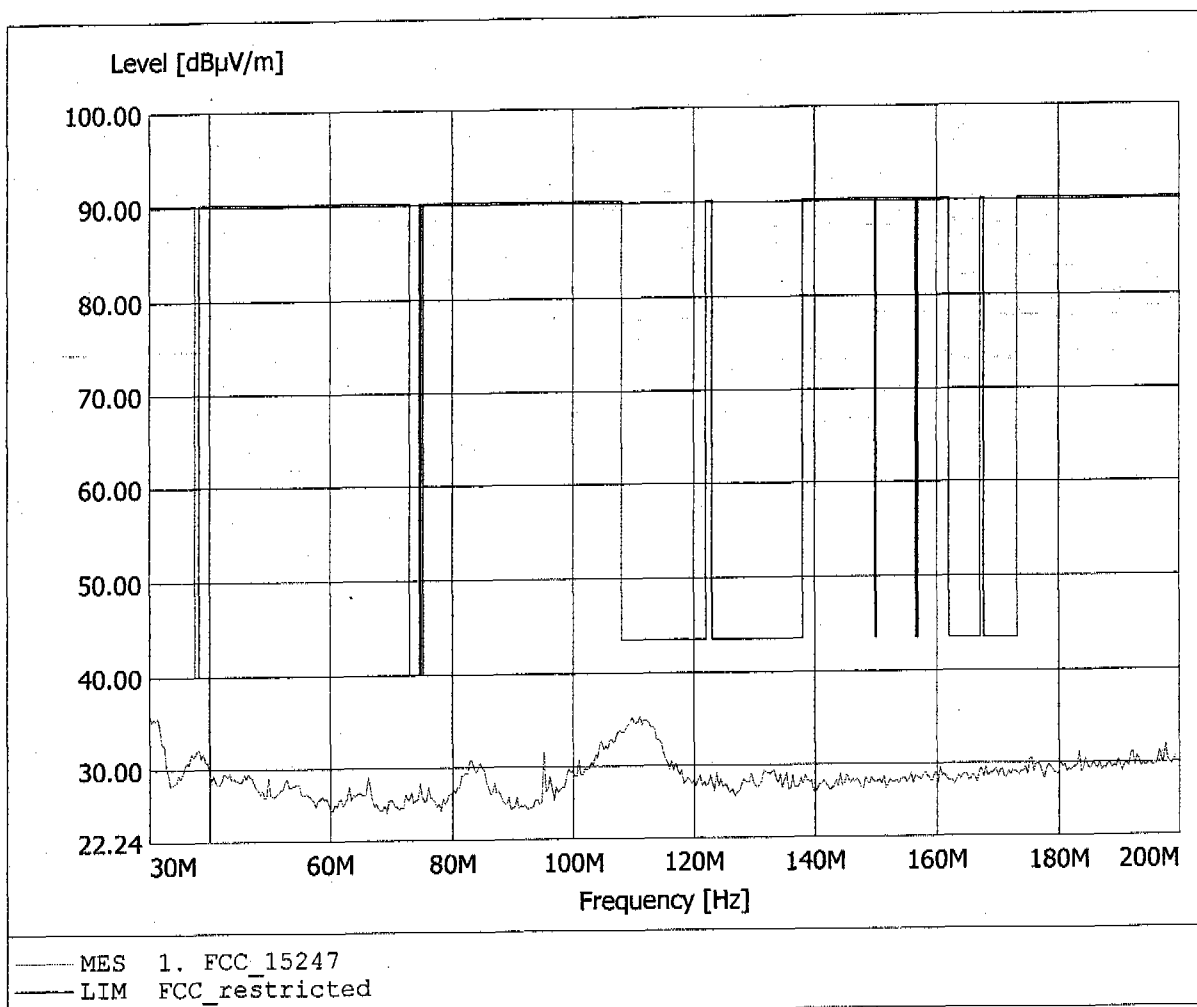
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.164MHz, Emax: 31.22dBµV/m, RBW: 100kHz



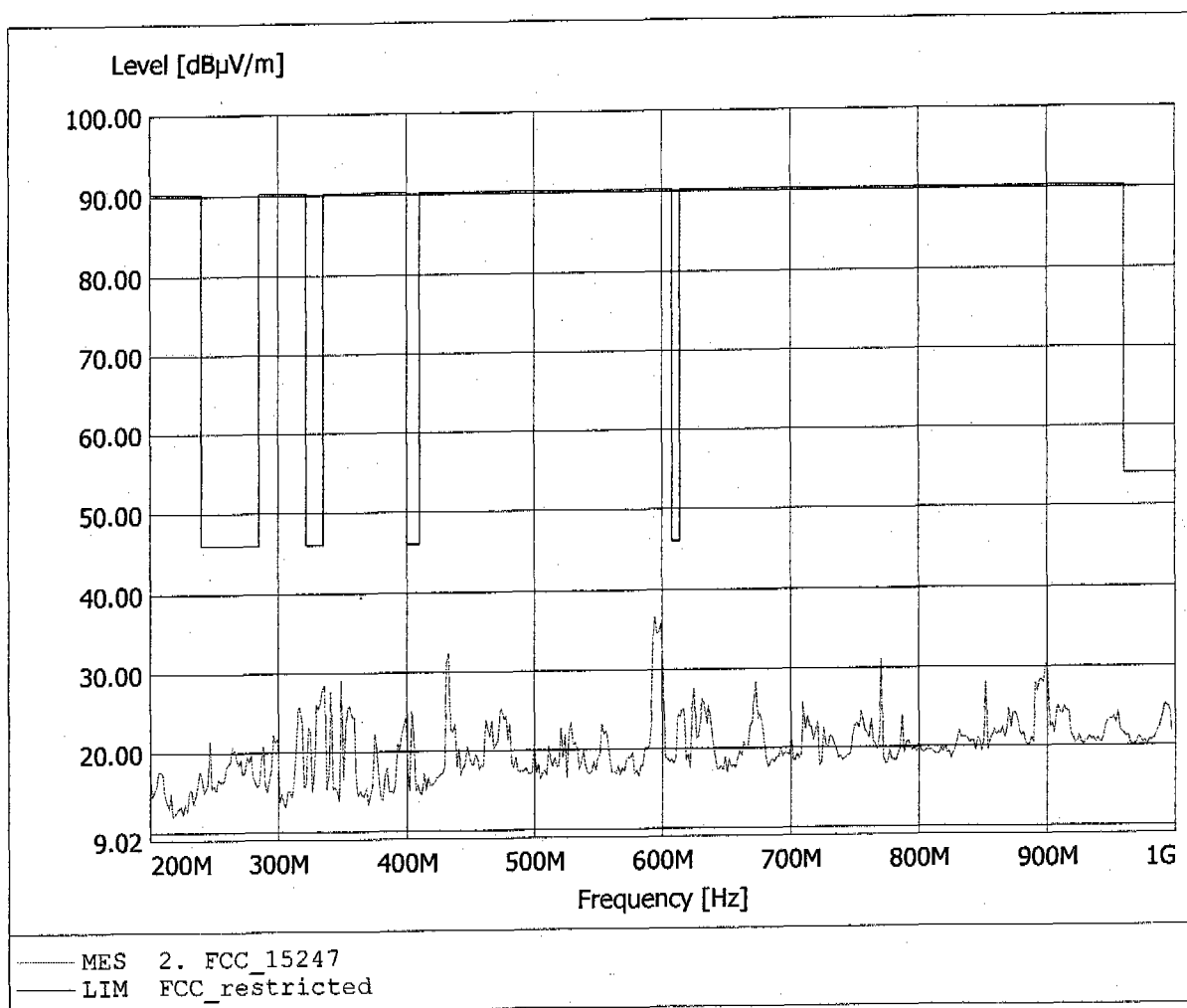
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
 Model: F2M01
 Approval Holder: Free2move AB
 Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
 Test Site / Operator: ETS / Mr. Hoppe
 Test Specification: according to §15.247
 Comment 1: Dist.: 3m, Ant.: HK 116
 Comment 2: Freq: 30.000MHz, Emax: 35.97dBµV/m, RBW: 100kHz



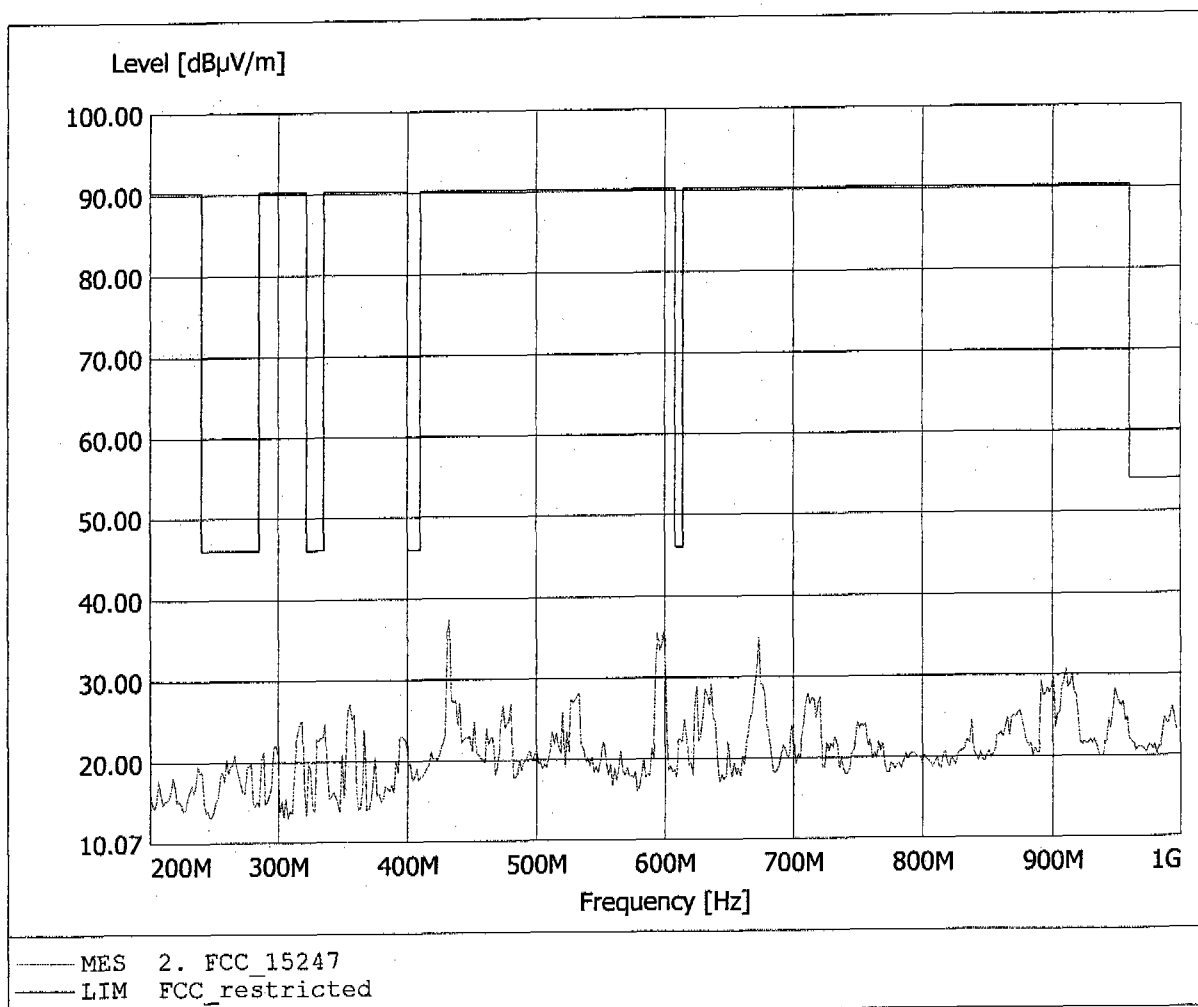
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 594.389MHz, Emax: 36.60dBµV/m, RBW: 100kHz



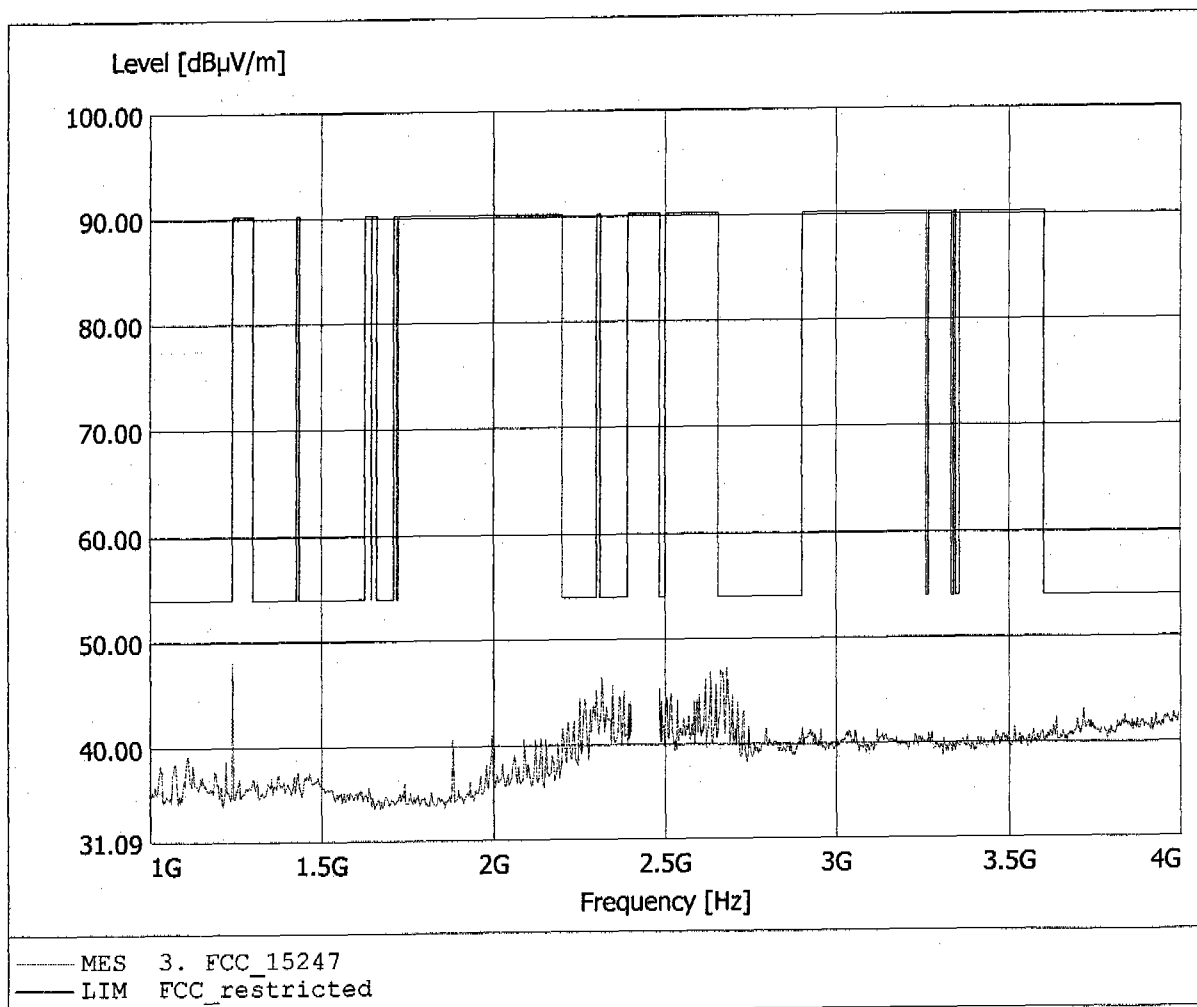
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 432.465MHz, Emax: 37.39dBμV/m, RBW: 100kHz



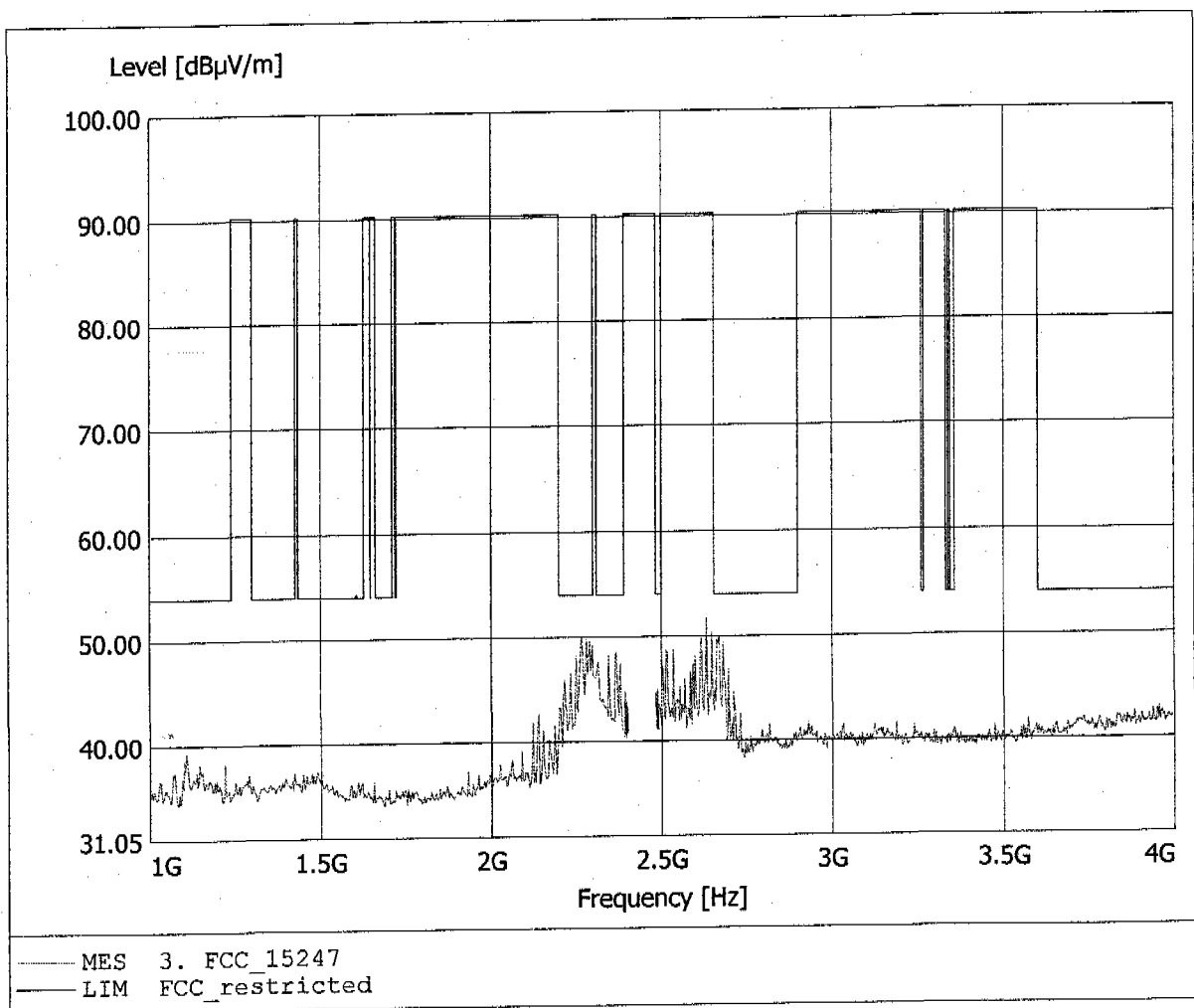
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 1.240GHz, Emax: 48.08dBµV/m, RBW: 1MHz



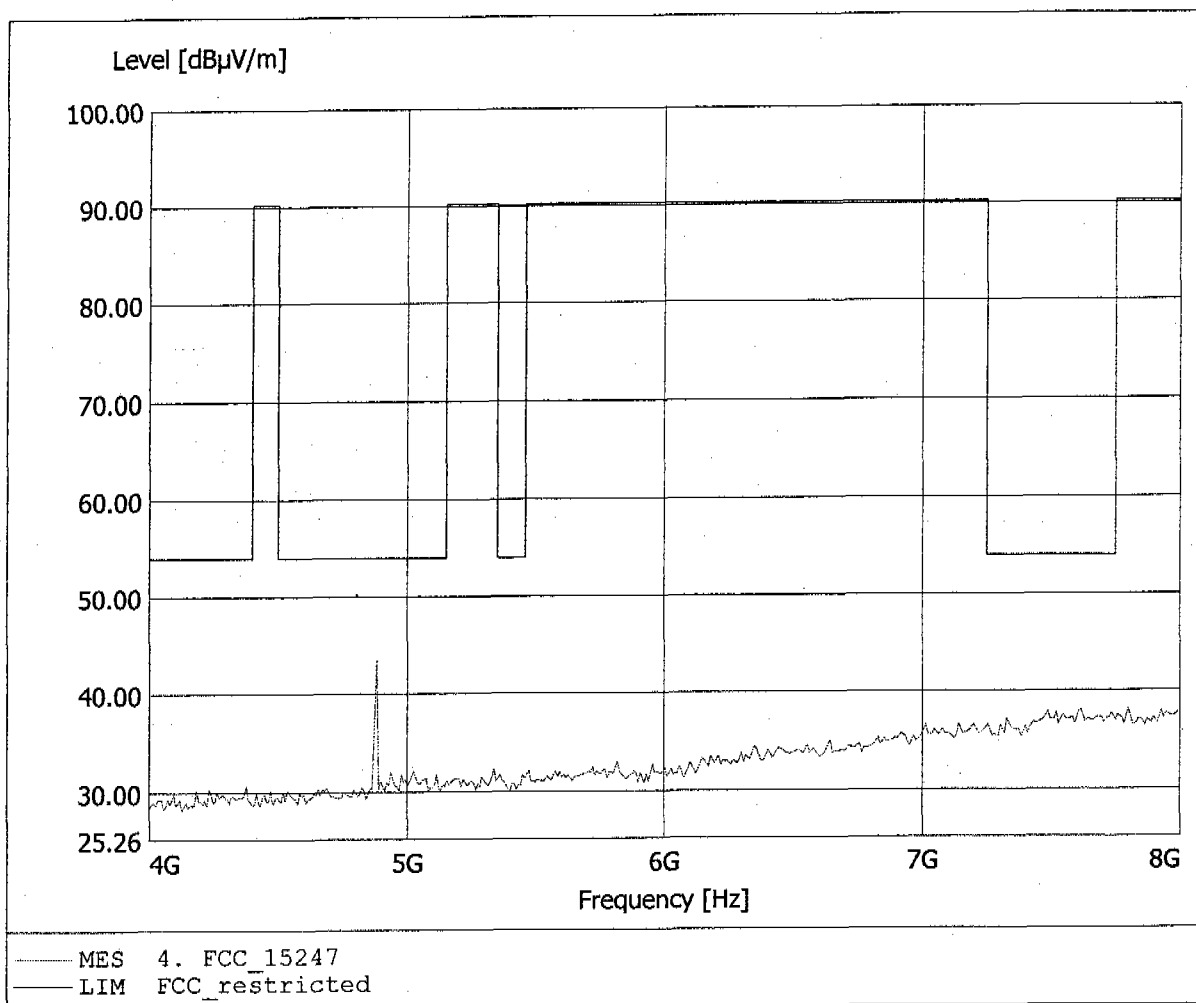
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.632GHz, Emax: 51.65dBµV/m, RBW: 1MHz



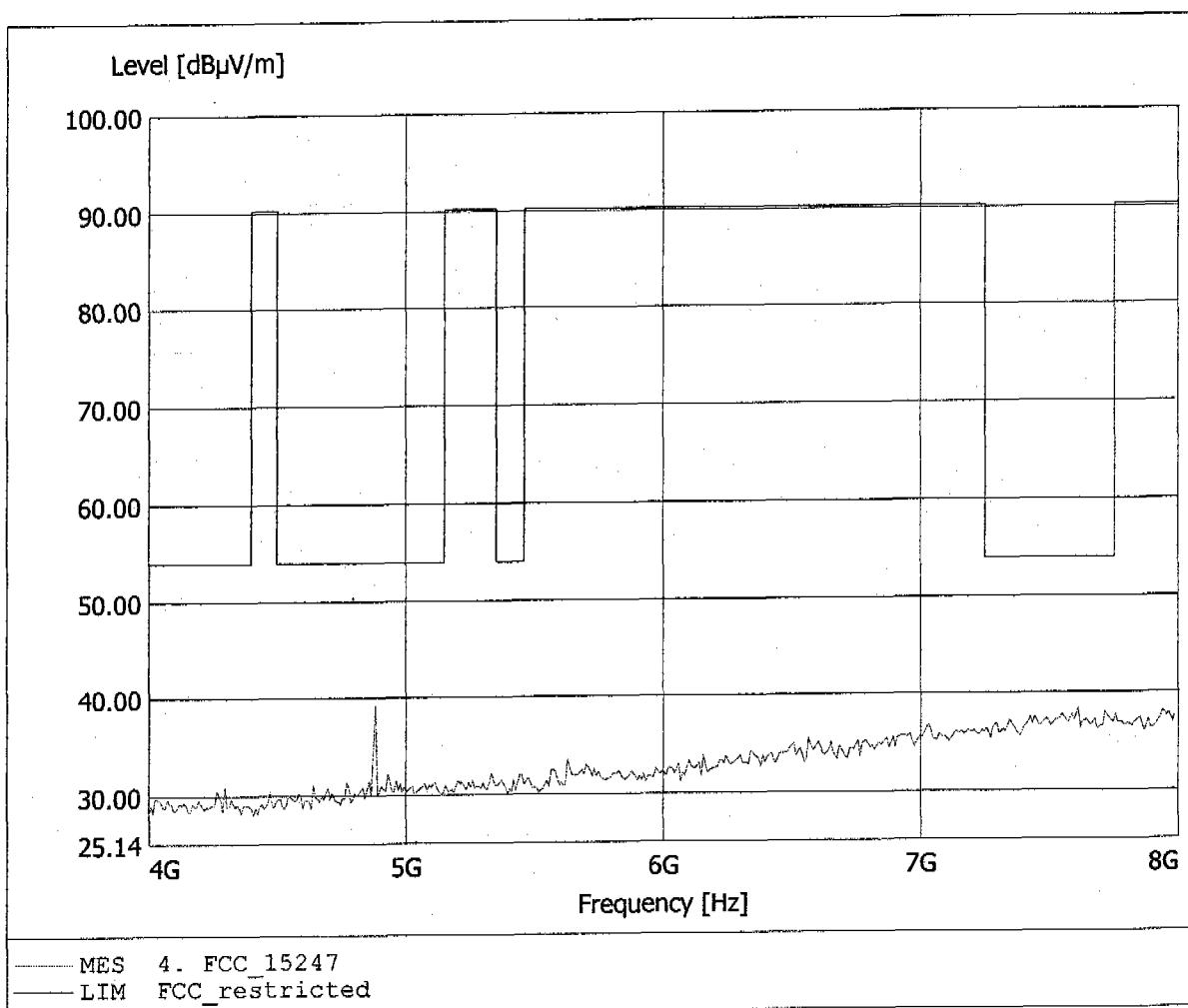
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 4.882GHz, Emax: 43.46dBuV/m, RBW: 1MHz



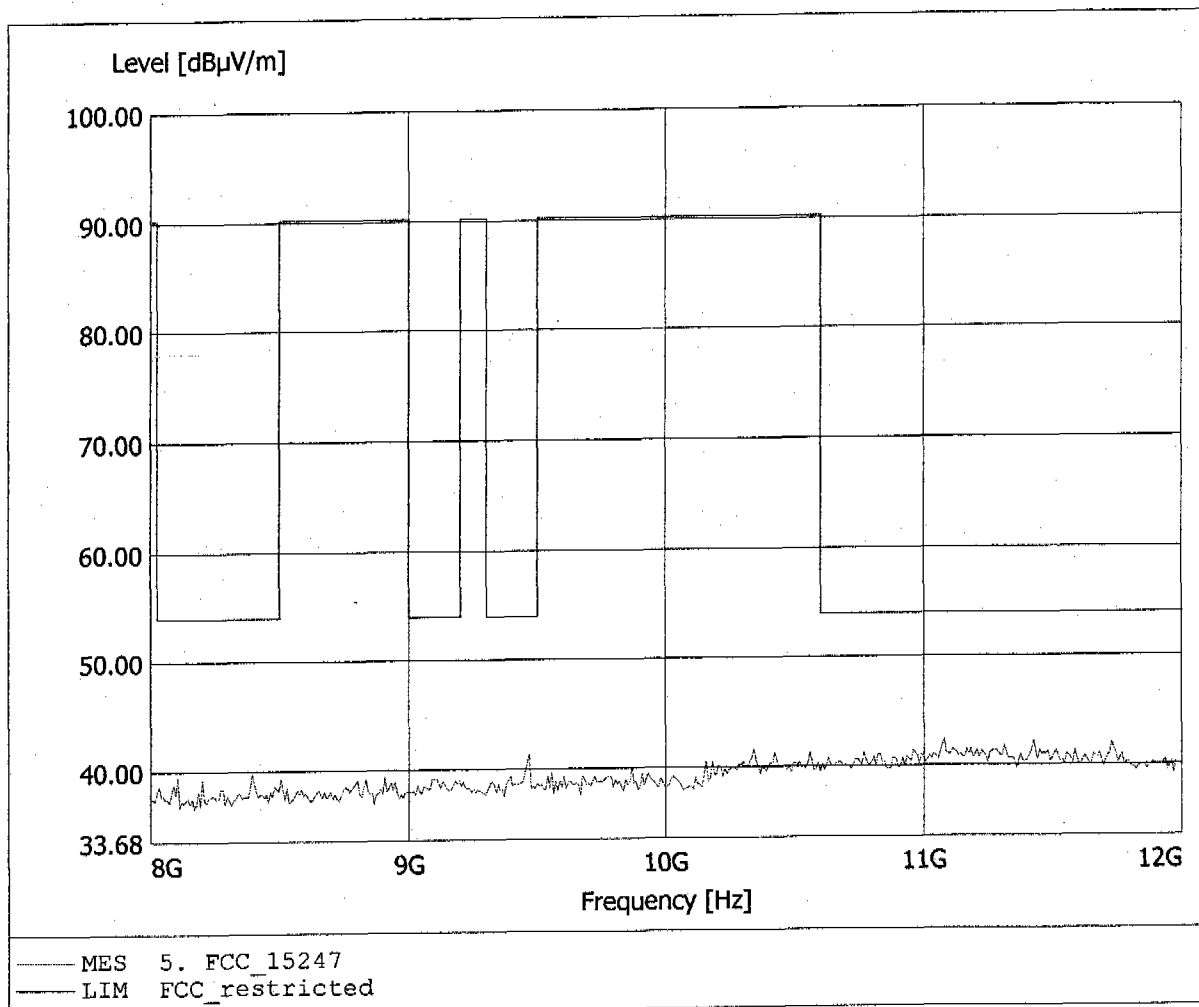
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 4.882GHz, Emax: 39.24dBµV/m, RBW: 1MHz



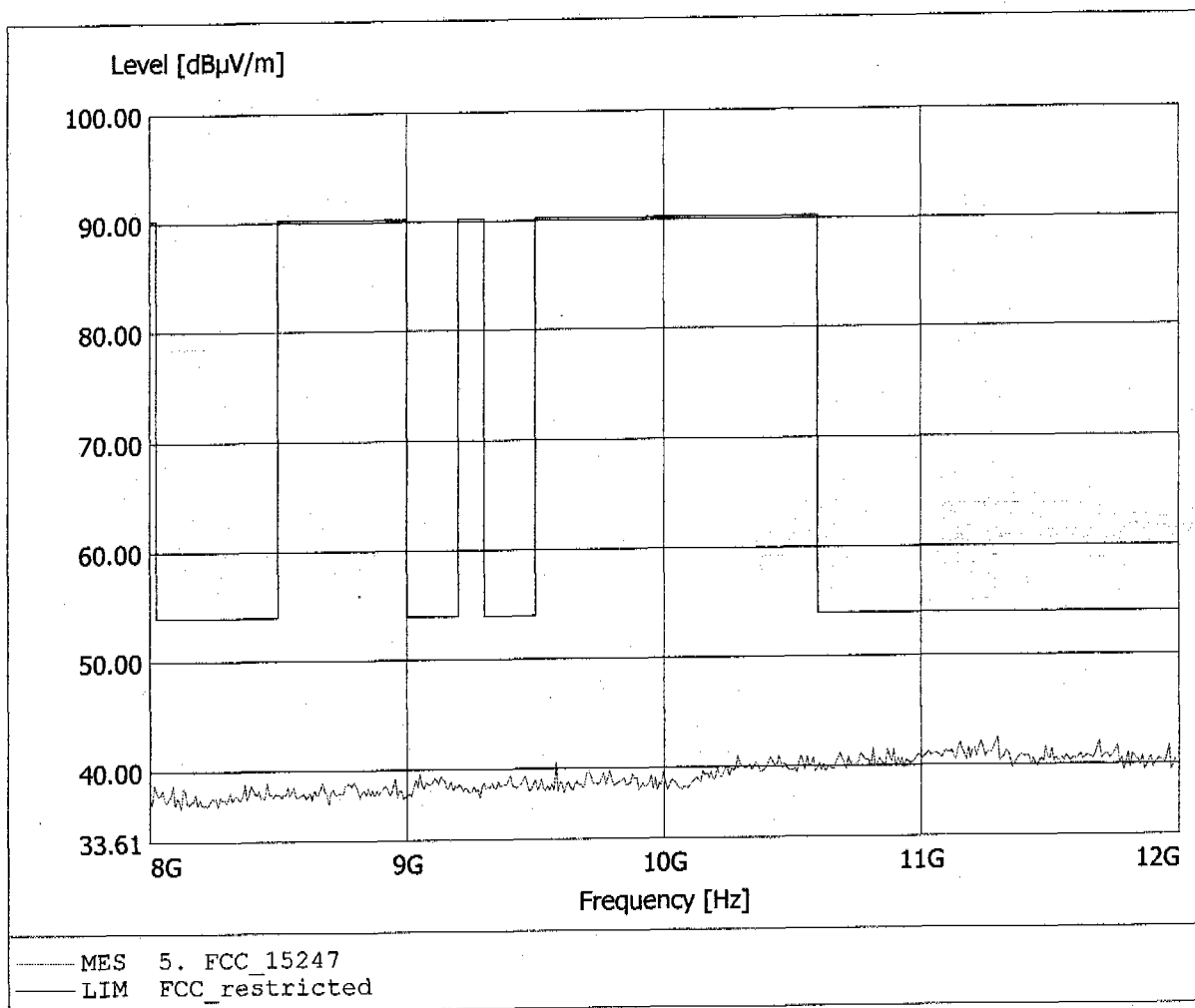
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.078GHz, Emax: 42.37dBµV/m, RBW: 1MHz



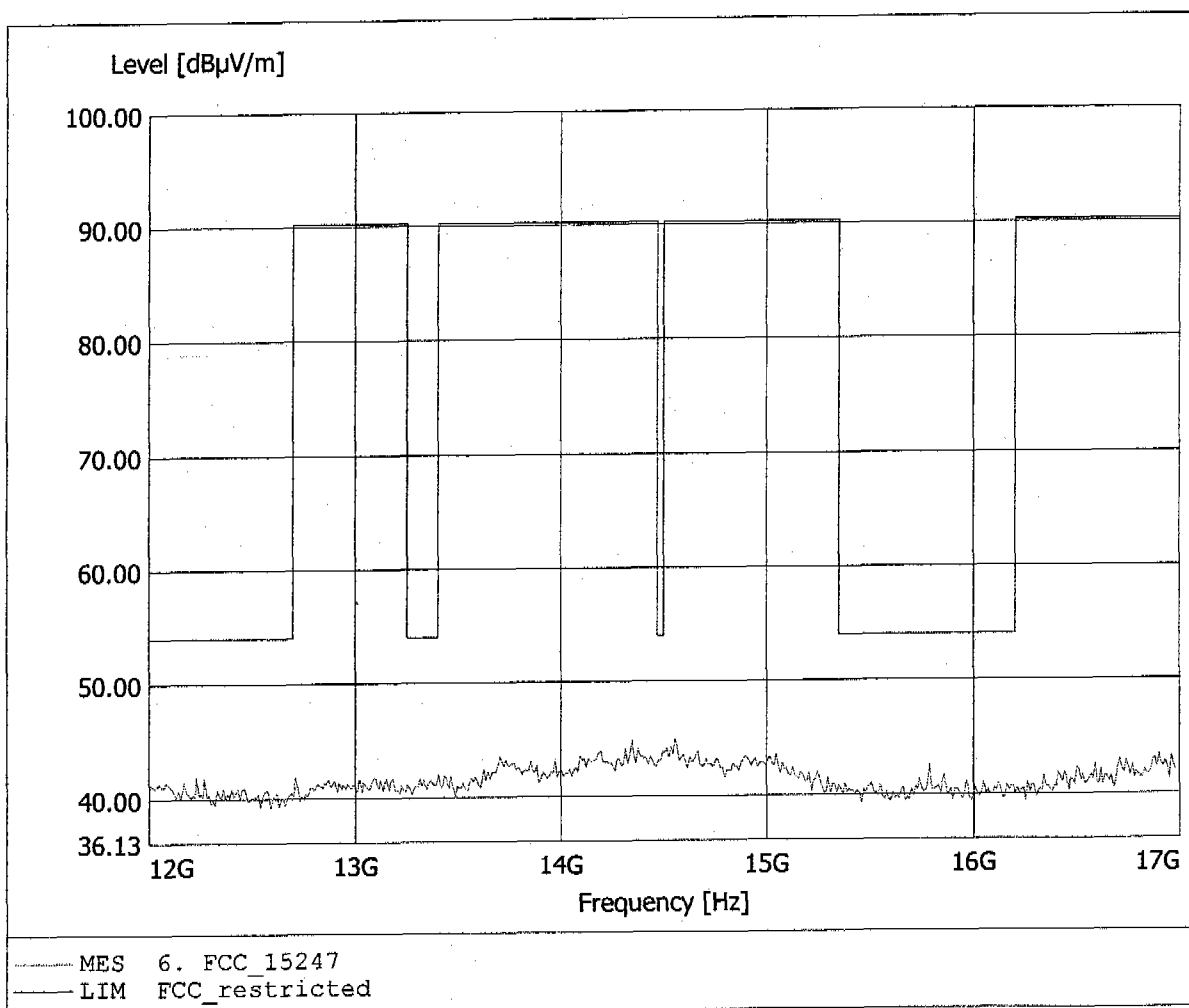
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.295GHz, Emax: 42.49dBµV/m, RBW: 1MHz



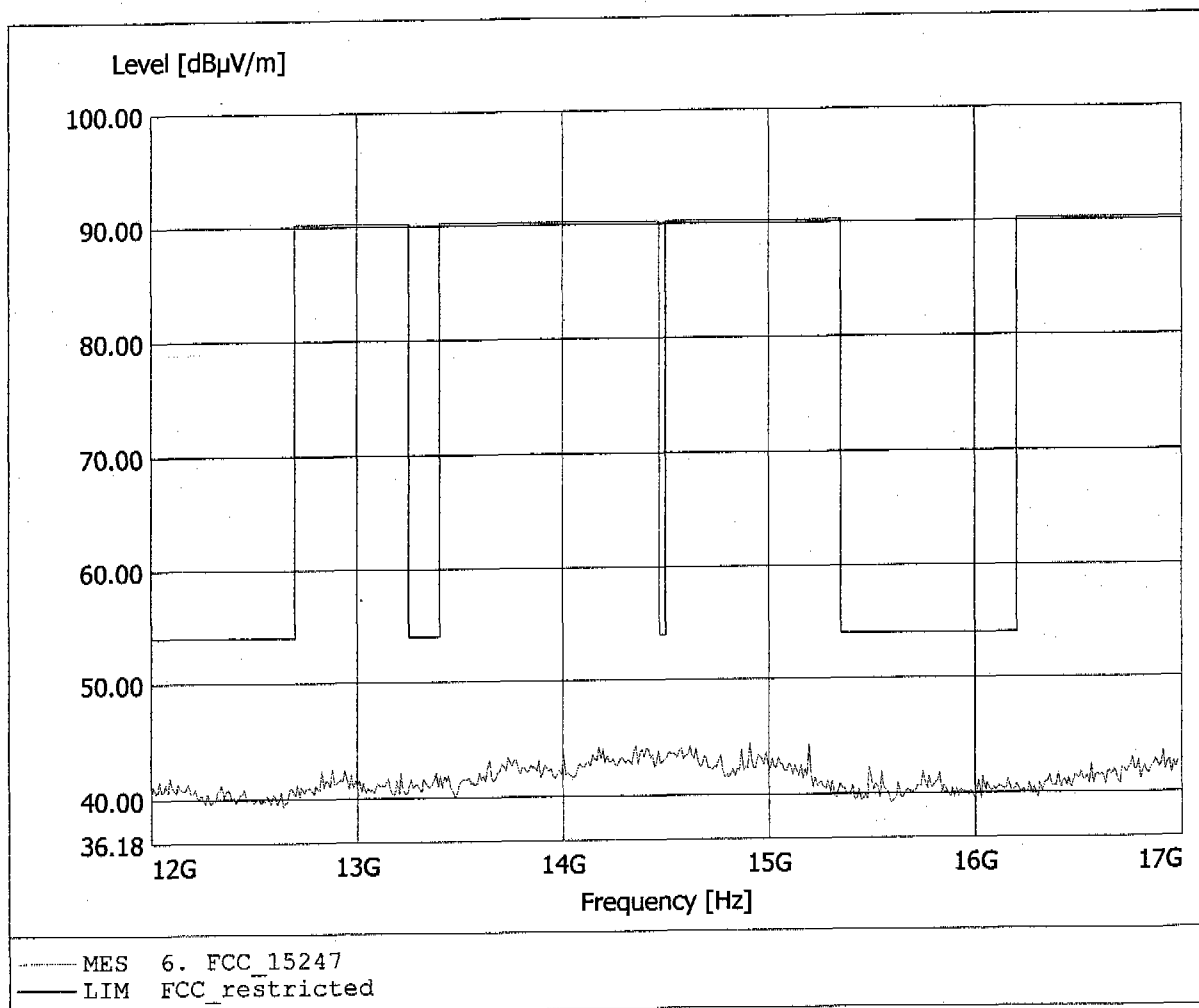
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 14.555GHz, Emax: 44.97dBµV/m, RBW: 1MHz



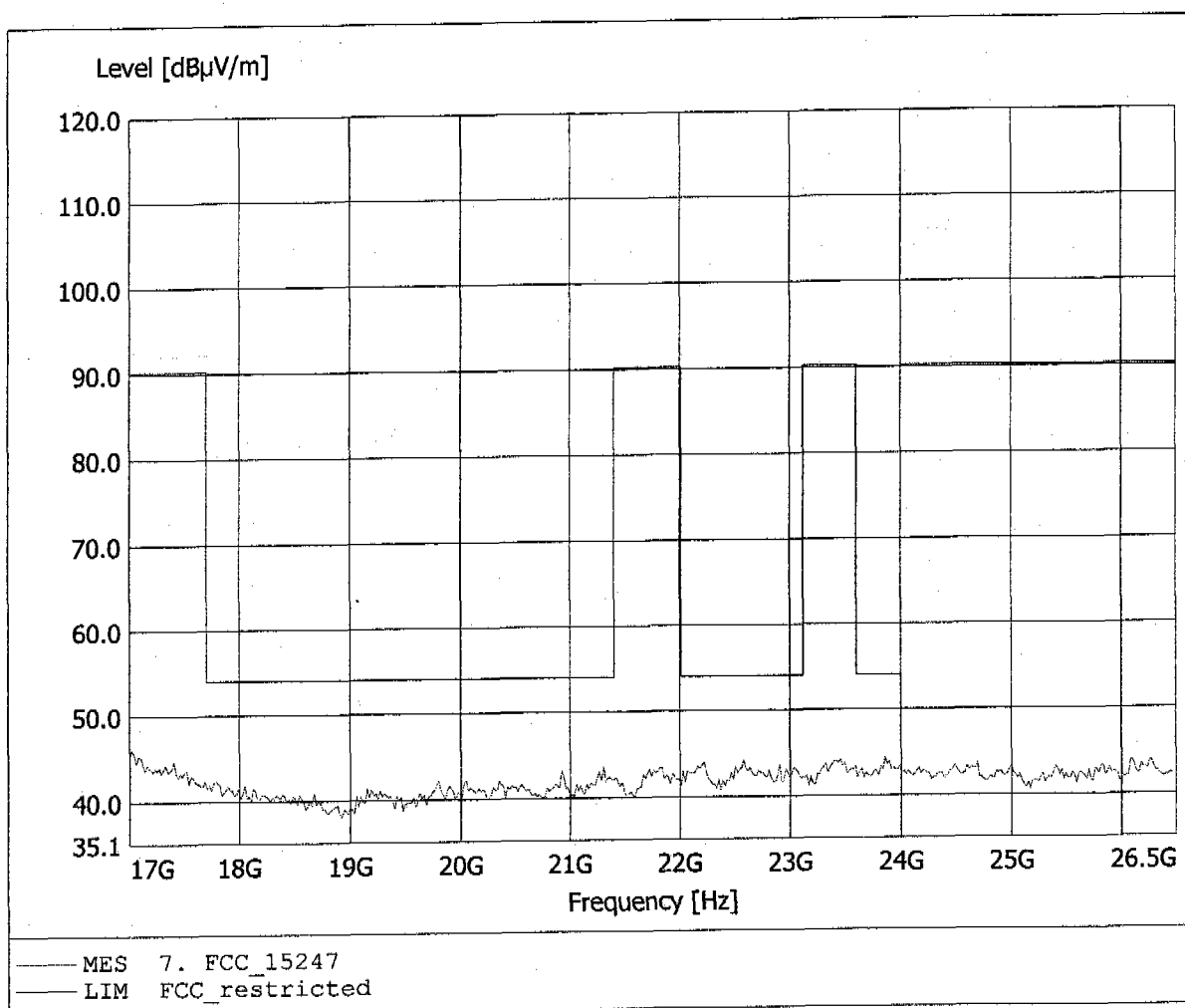
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 14.906GHz, Emax: 44.41dBuV/m, RBW: 1MHz



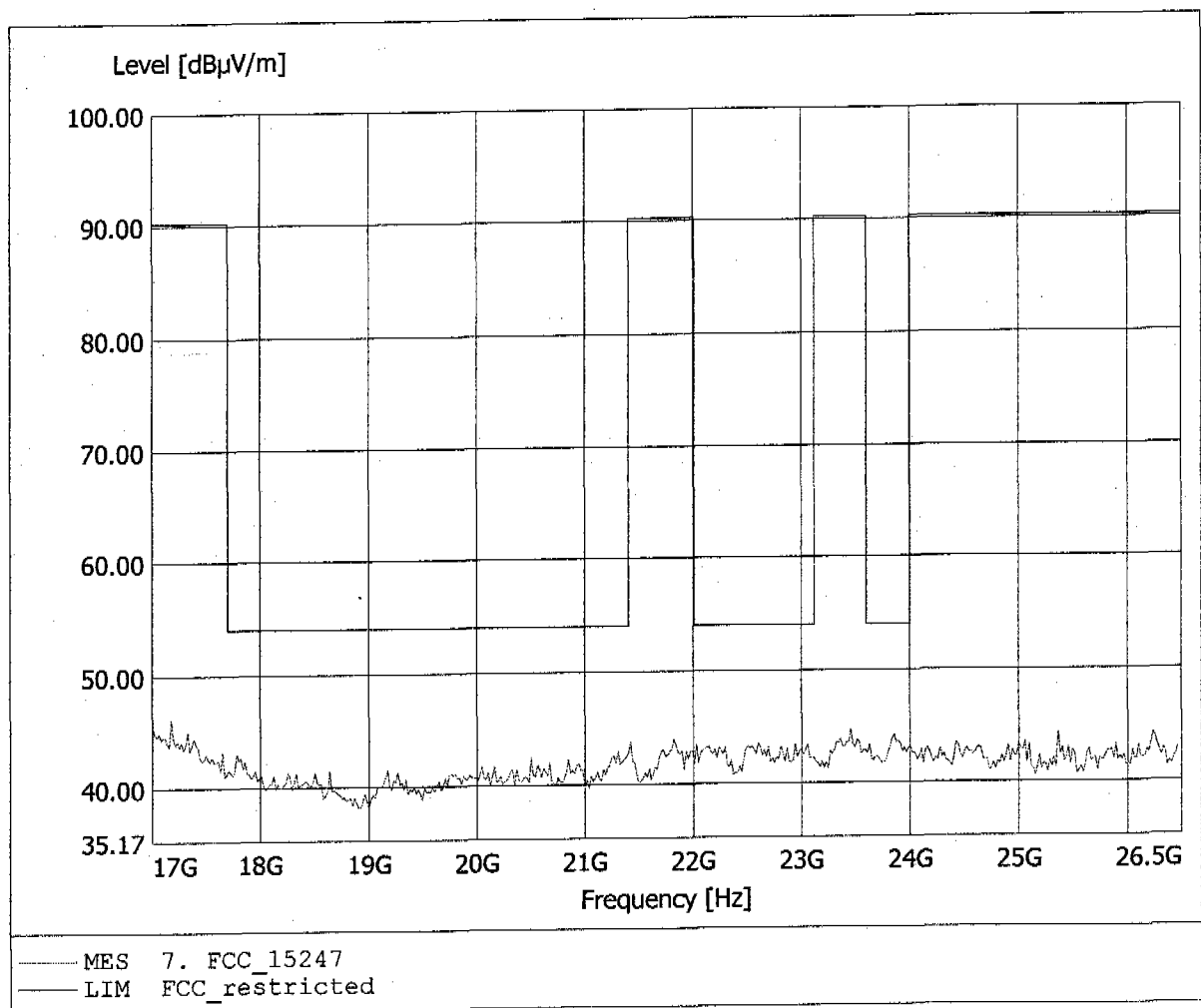
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.019GHz, Emax: 46.08dBµV/m, RBW: 1MHz



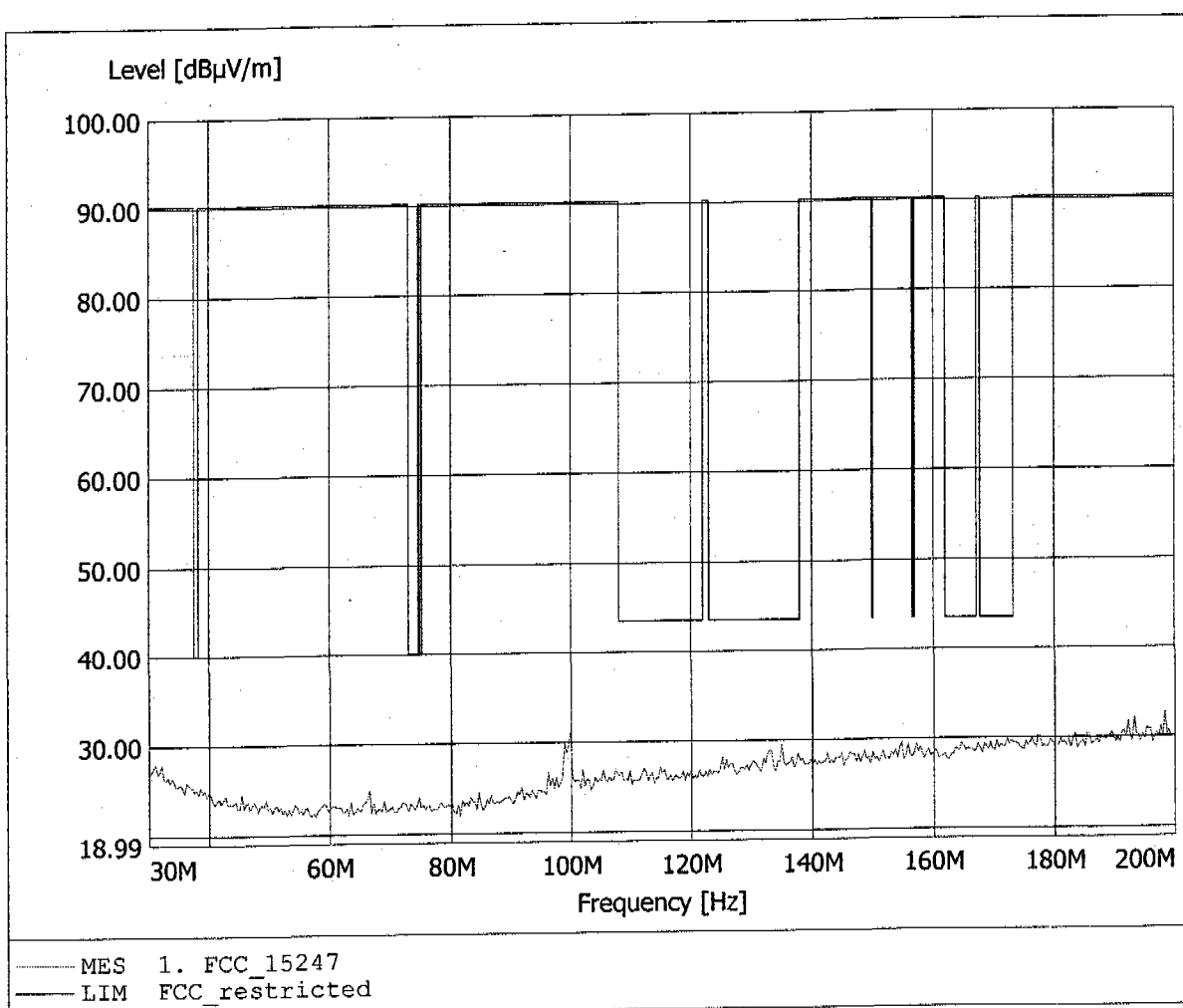
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Serial Port Plug / Pmax / 2441 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.171GHz, Emax: 46.16dBµV/m, RBW: 1MHz



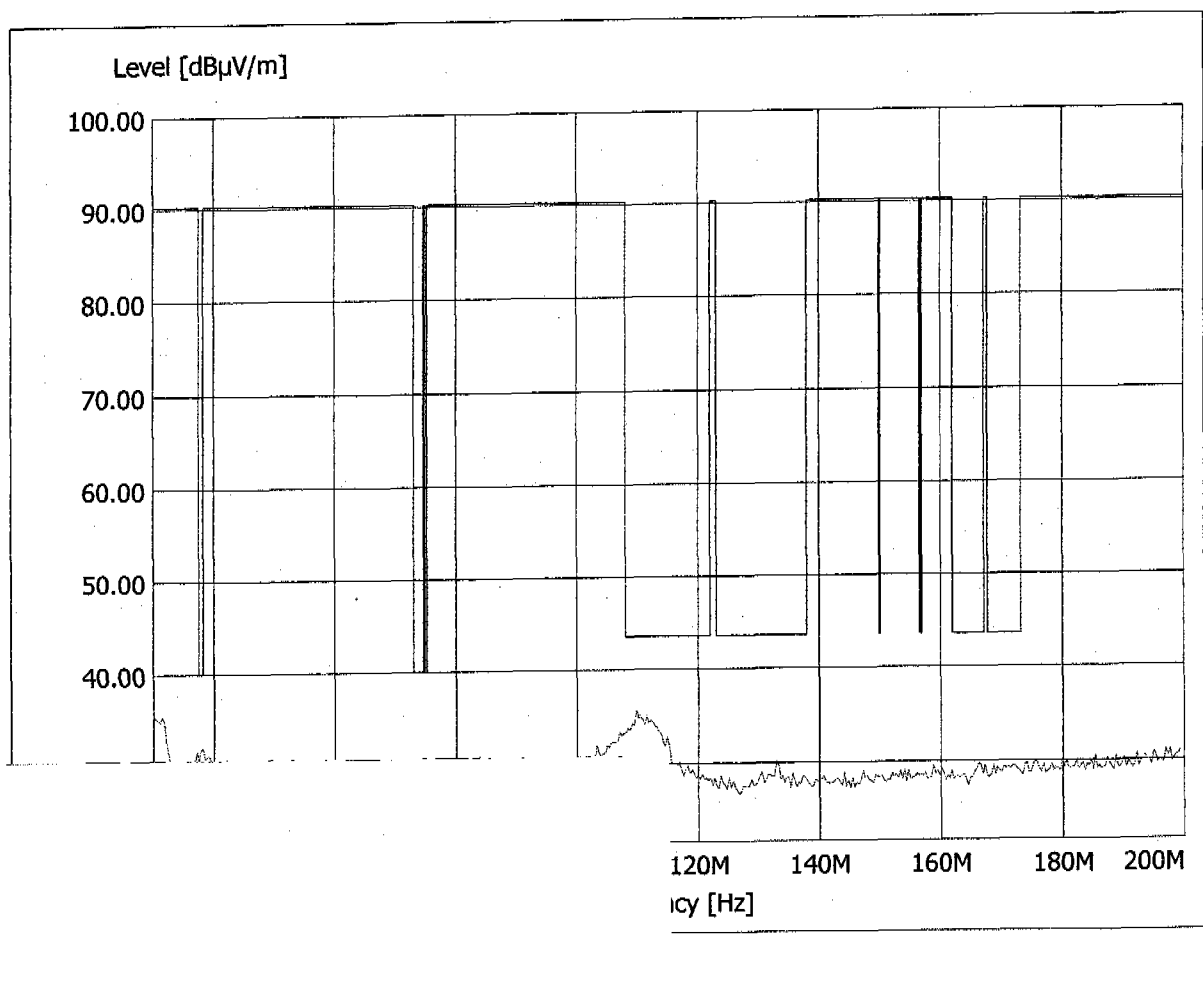
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 198.297MHz, Emax: 32.73dBμV/m, RBW: 100kHz



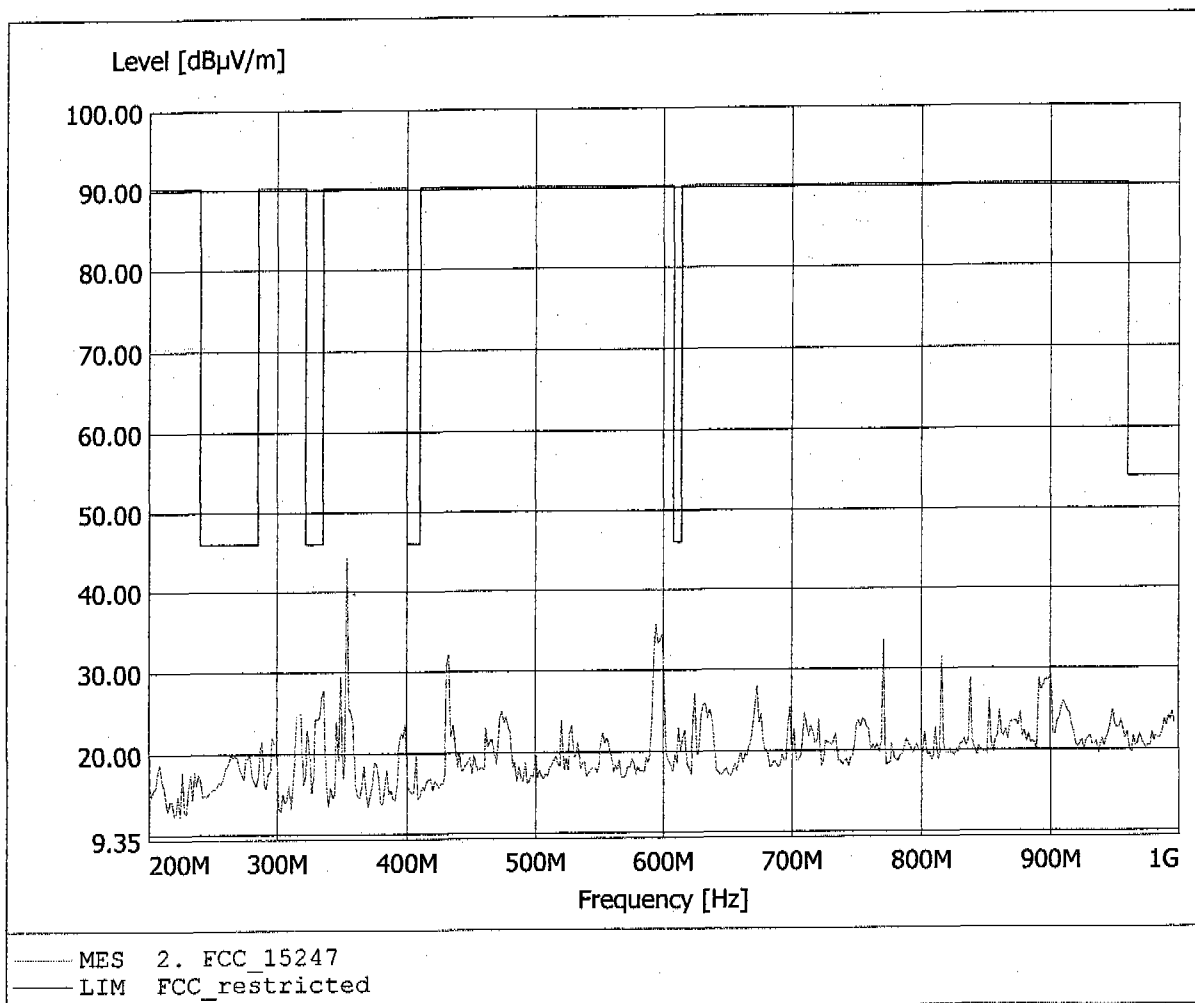
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 30.000MHz, Emax: 35.65dBµV/m, RBW: 100kHz



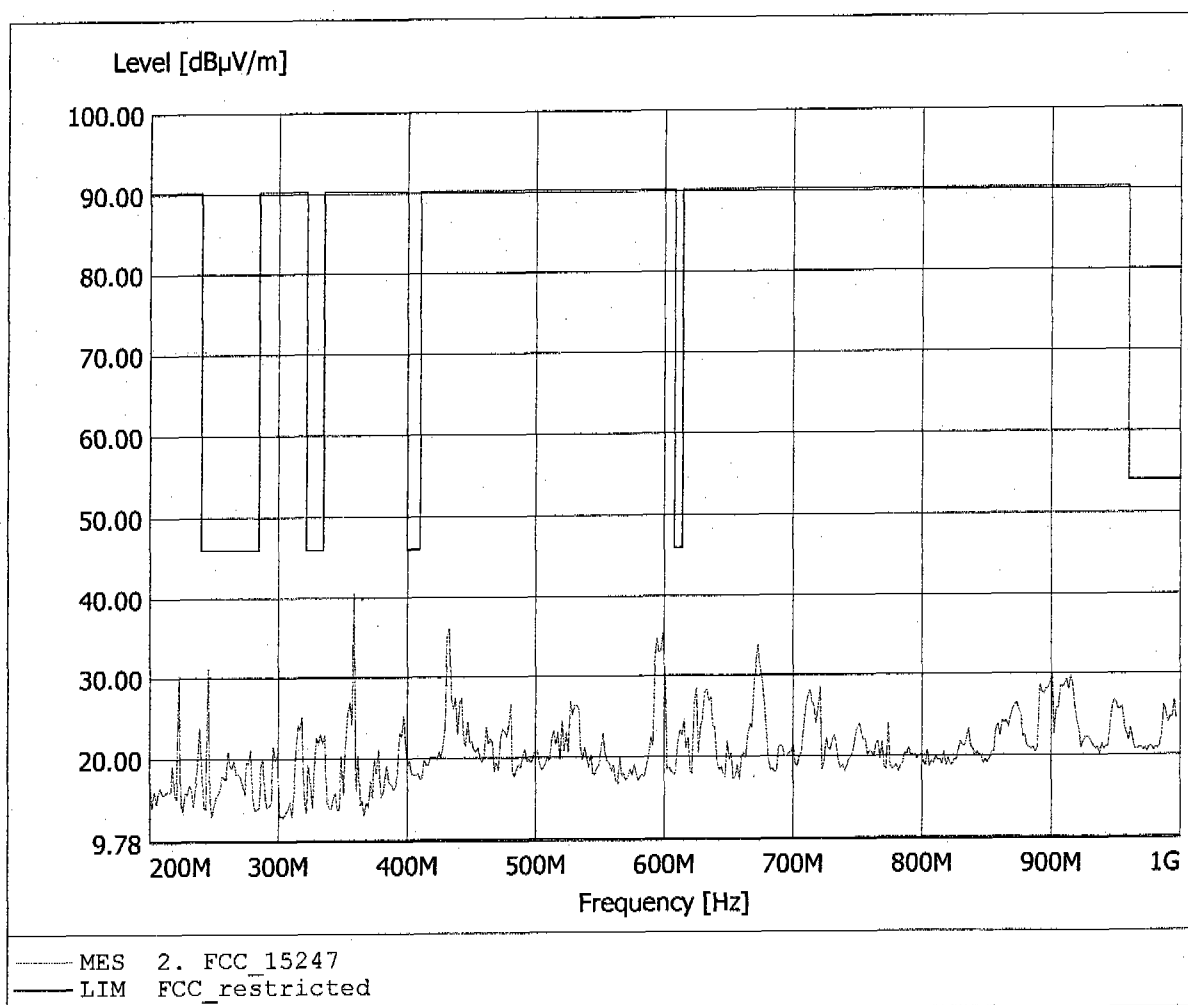
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 353.908MHz, Emax: 44.37dBµV/m, RBW: 100kHz



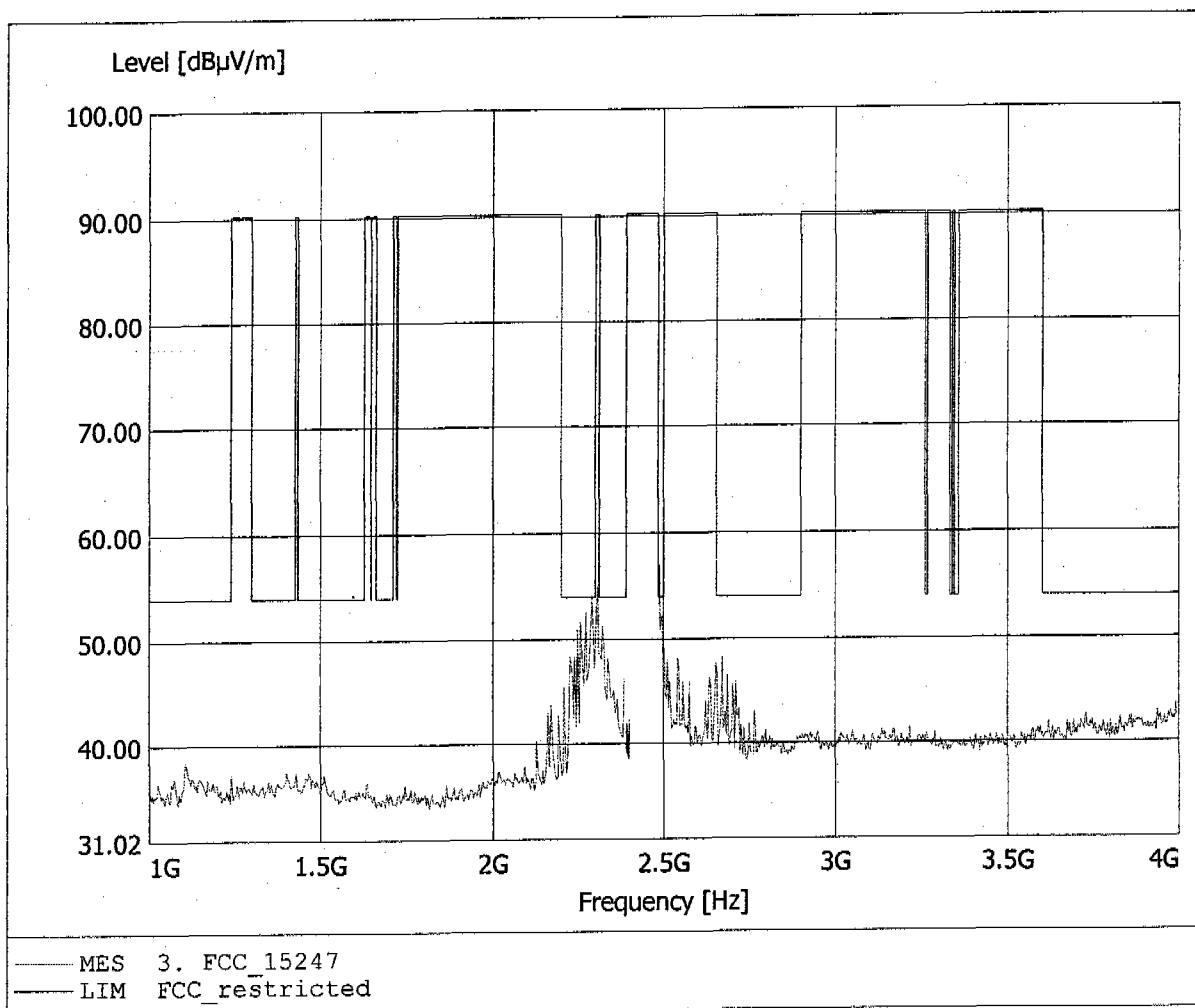
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 358.717MHz, Emax: 40.66dBμV/m, RBW: 100kHz



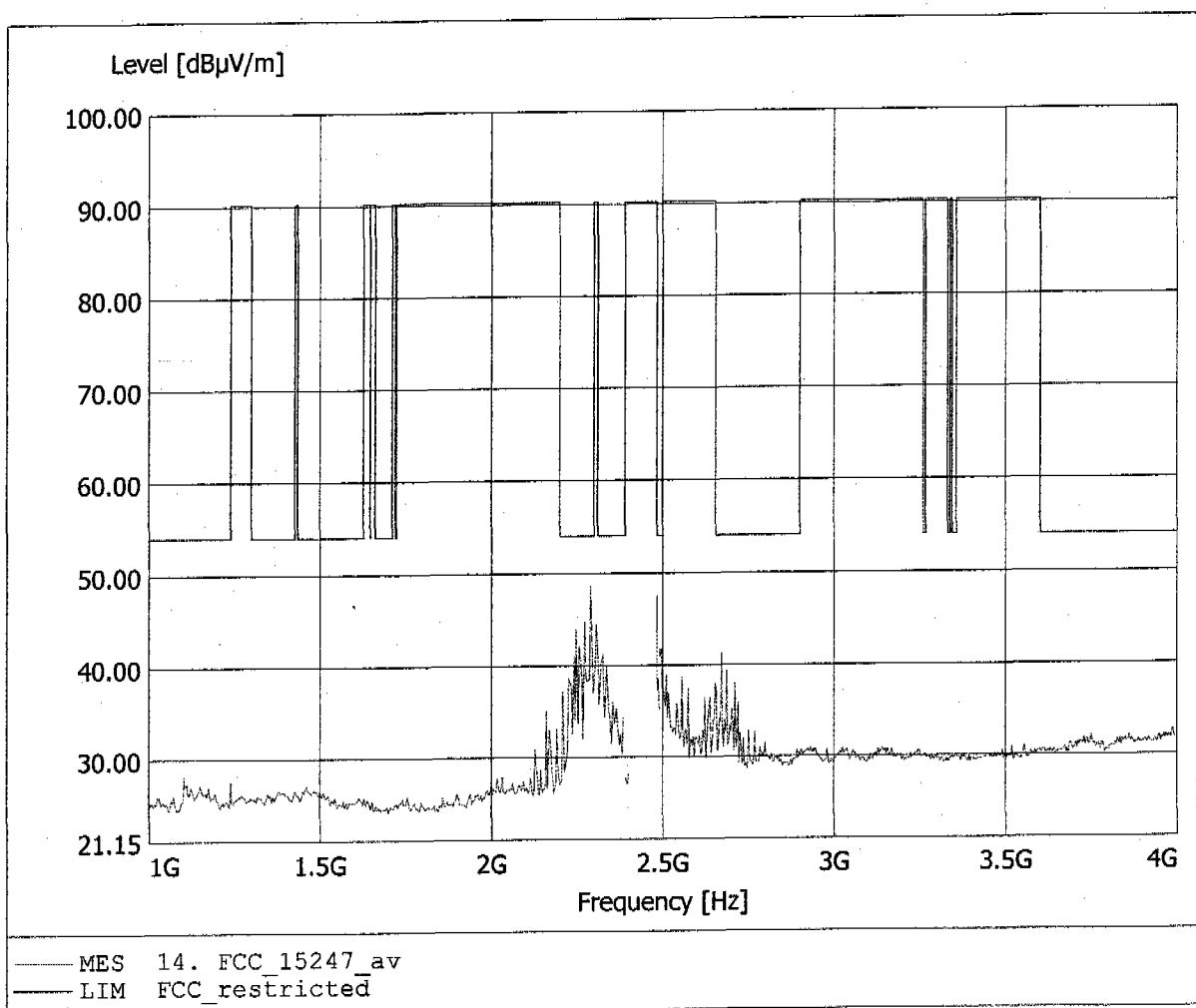
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 62.56dBμV/m, RBW: 1MHz



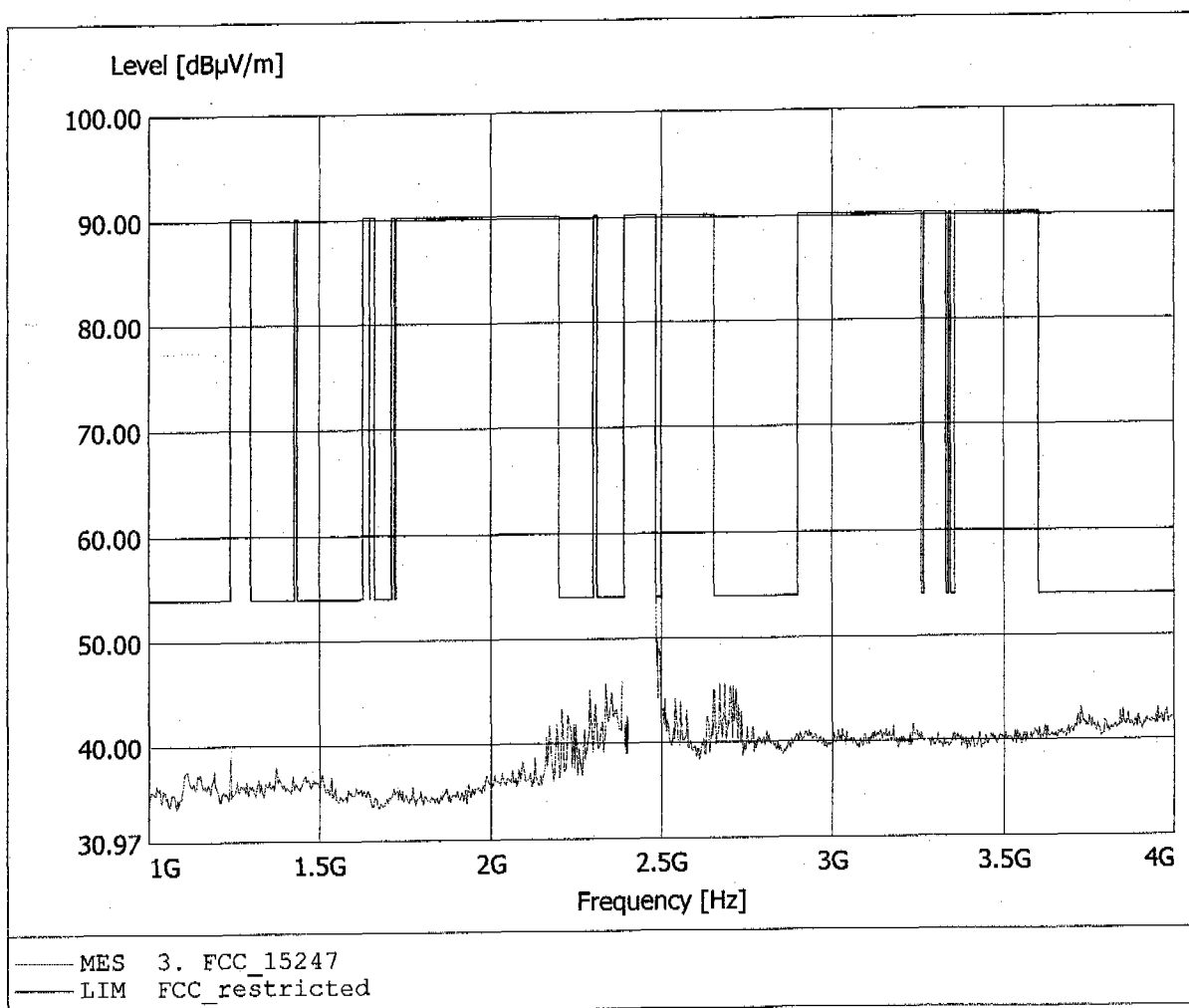
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.290GHz, Emax: 48.60dBuV/m, RBW: 1MHz



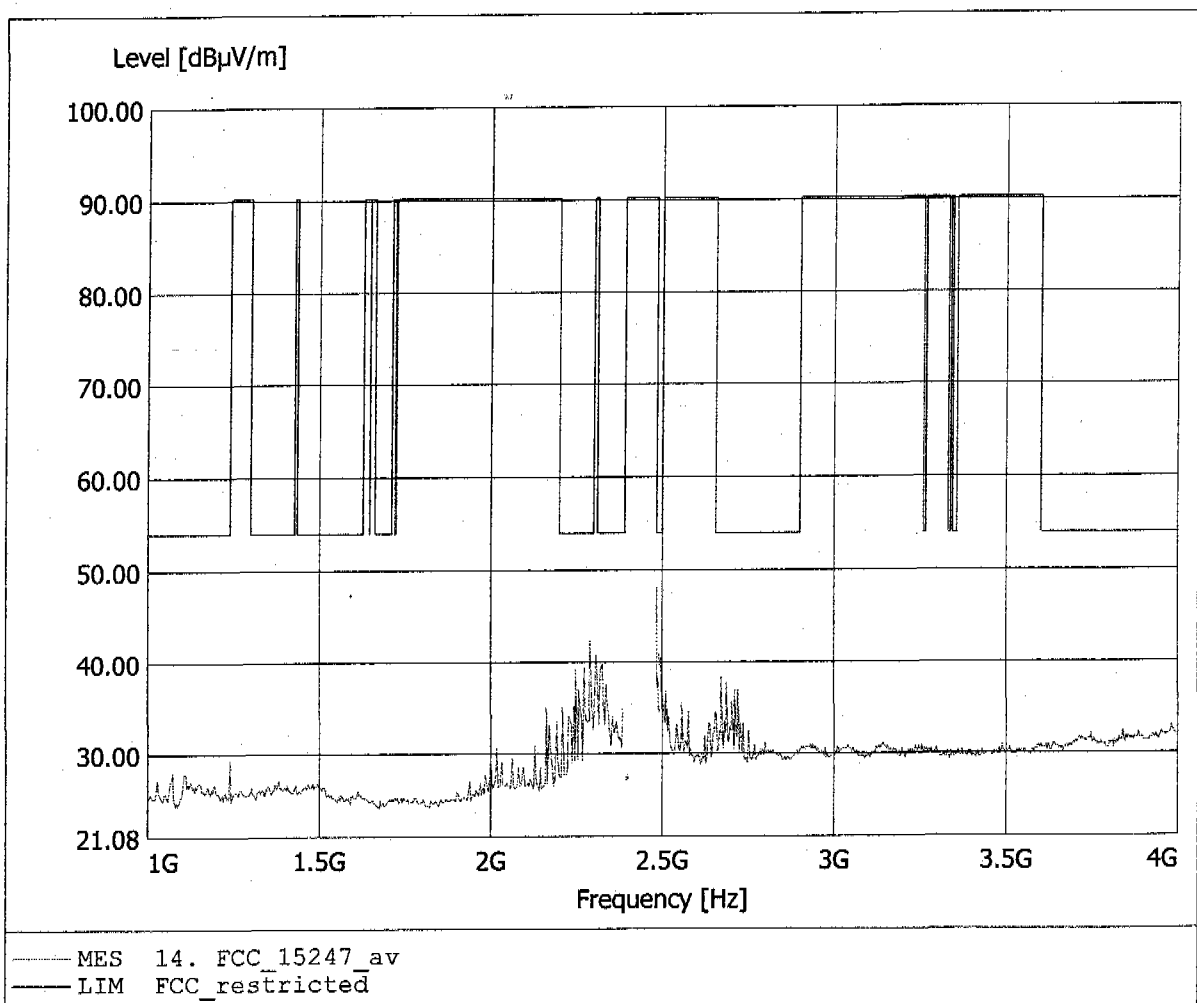
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 56.42dBµV/m, RBW: 1MHz



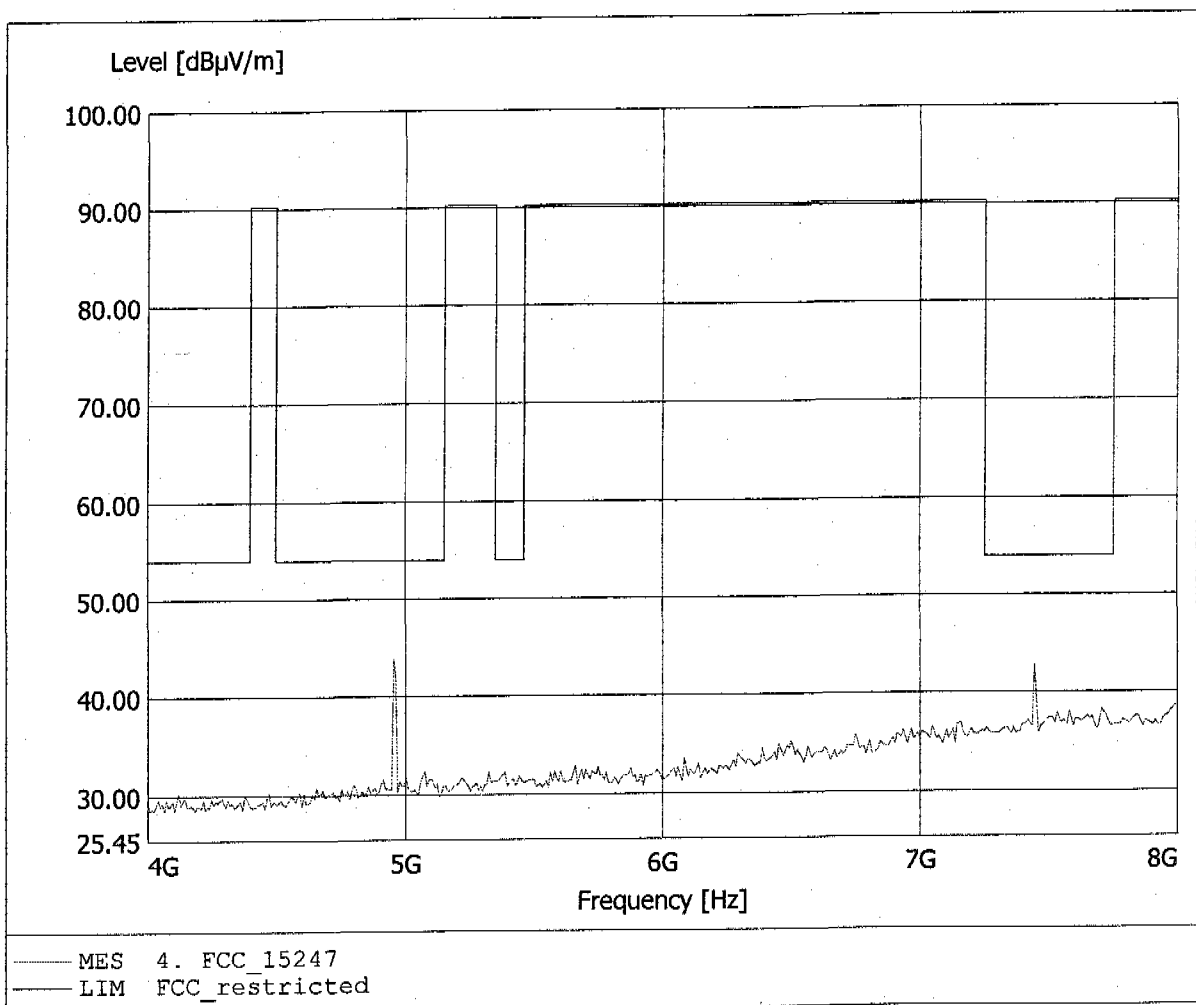
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 48.18dBµV/m, RBW: 1MHz



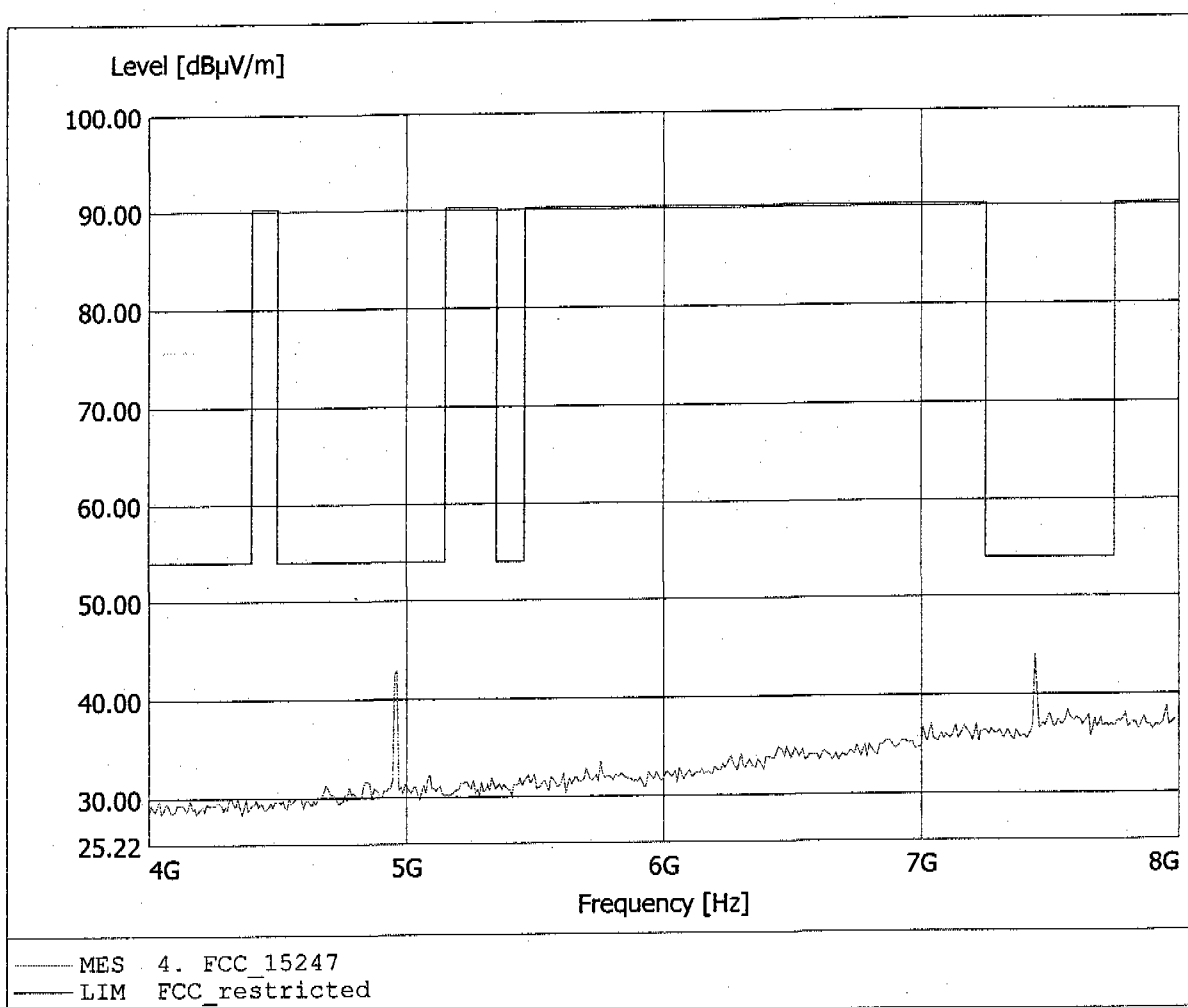
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 4.954GHz, Emax: 43.80dBµV/m, RBW: 1MHz



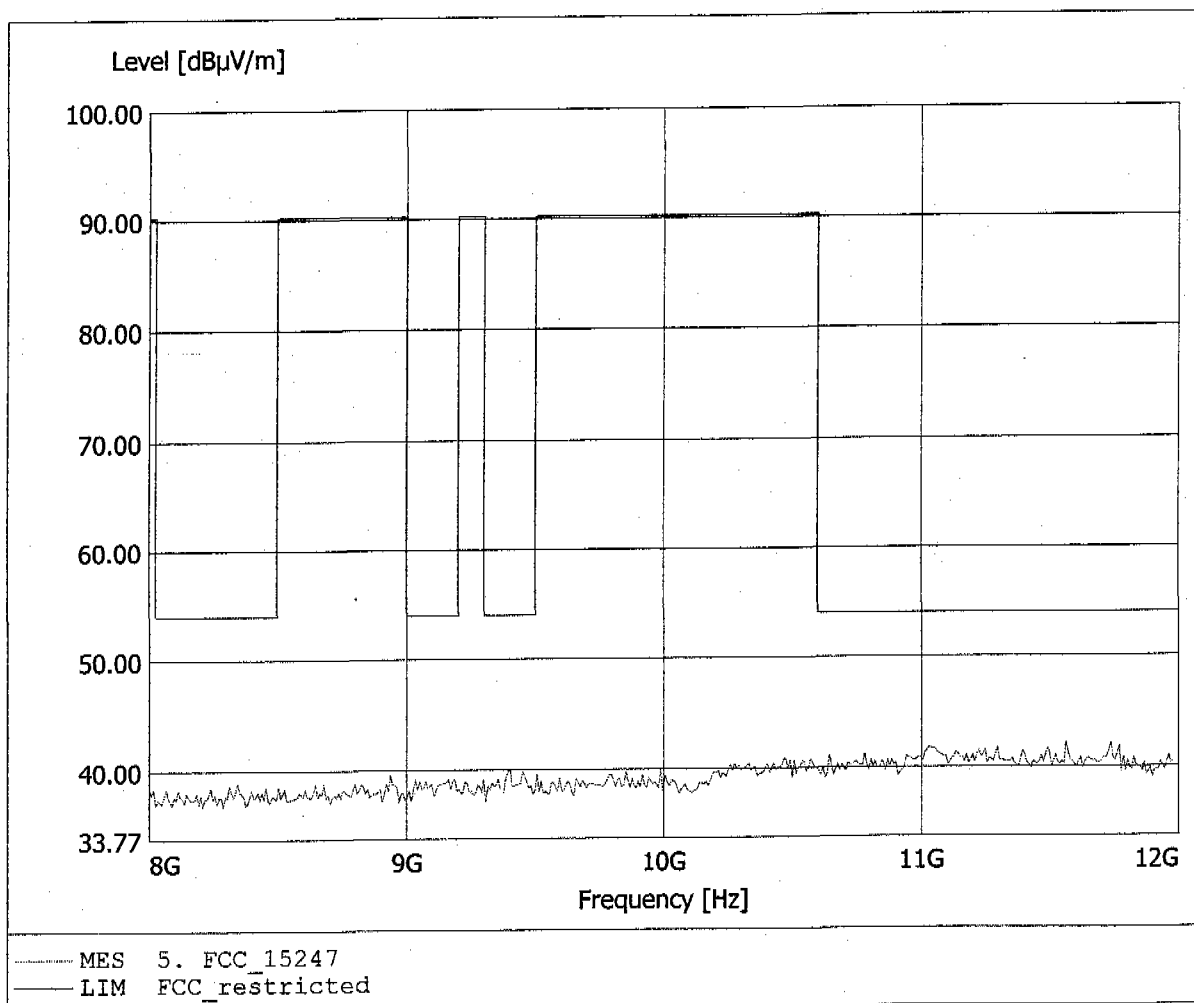
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 7.439GHz, Emax: 43.98dBμV/m, RBW: 1MHz



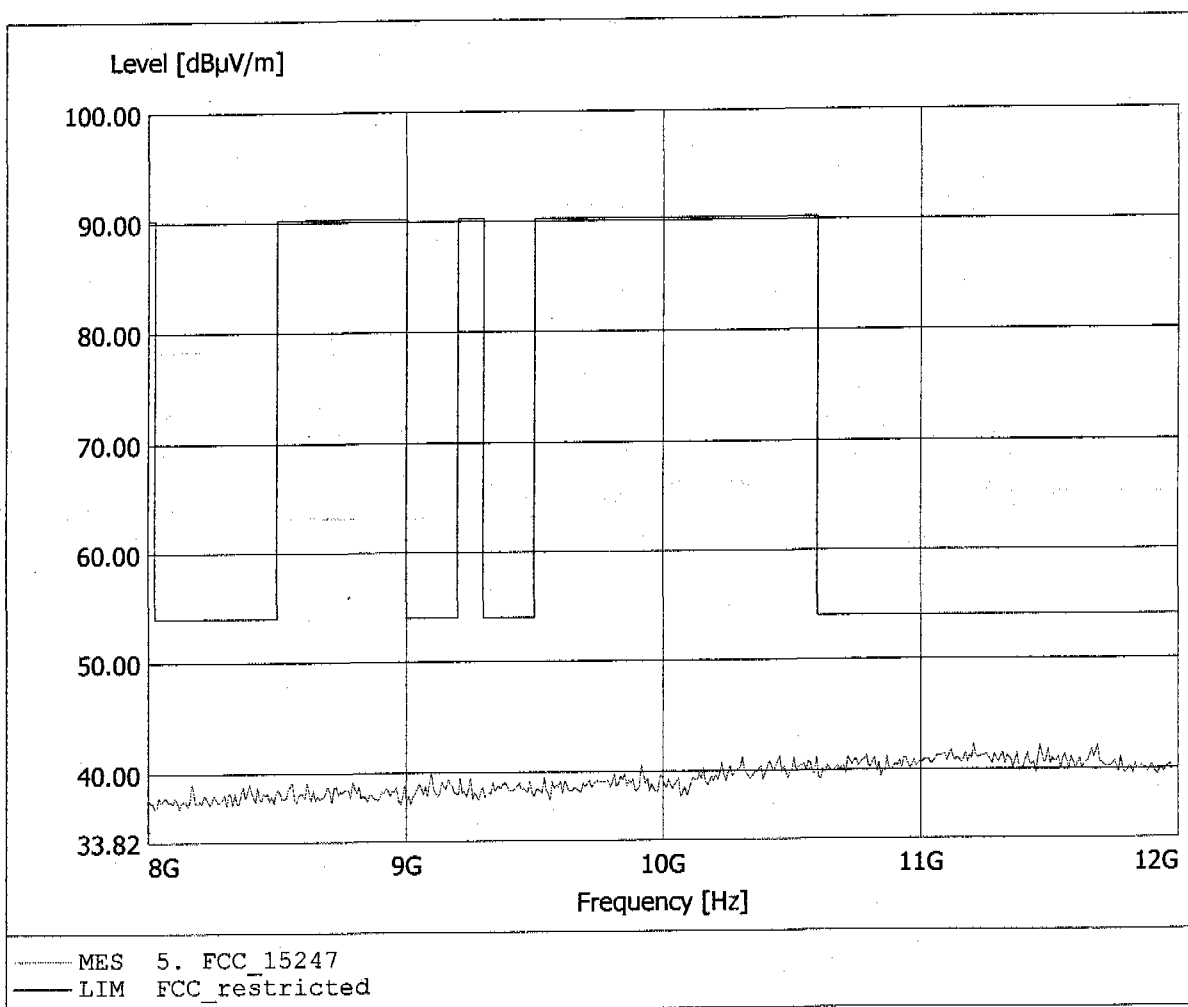
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.559GHz, Emax: 42.26dBμV/m, RBW: 1MHz



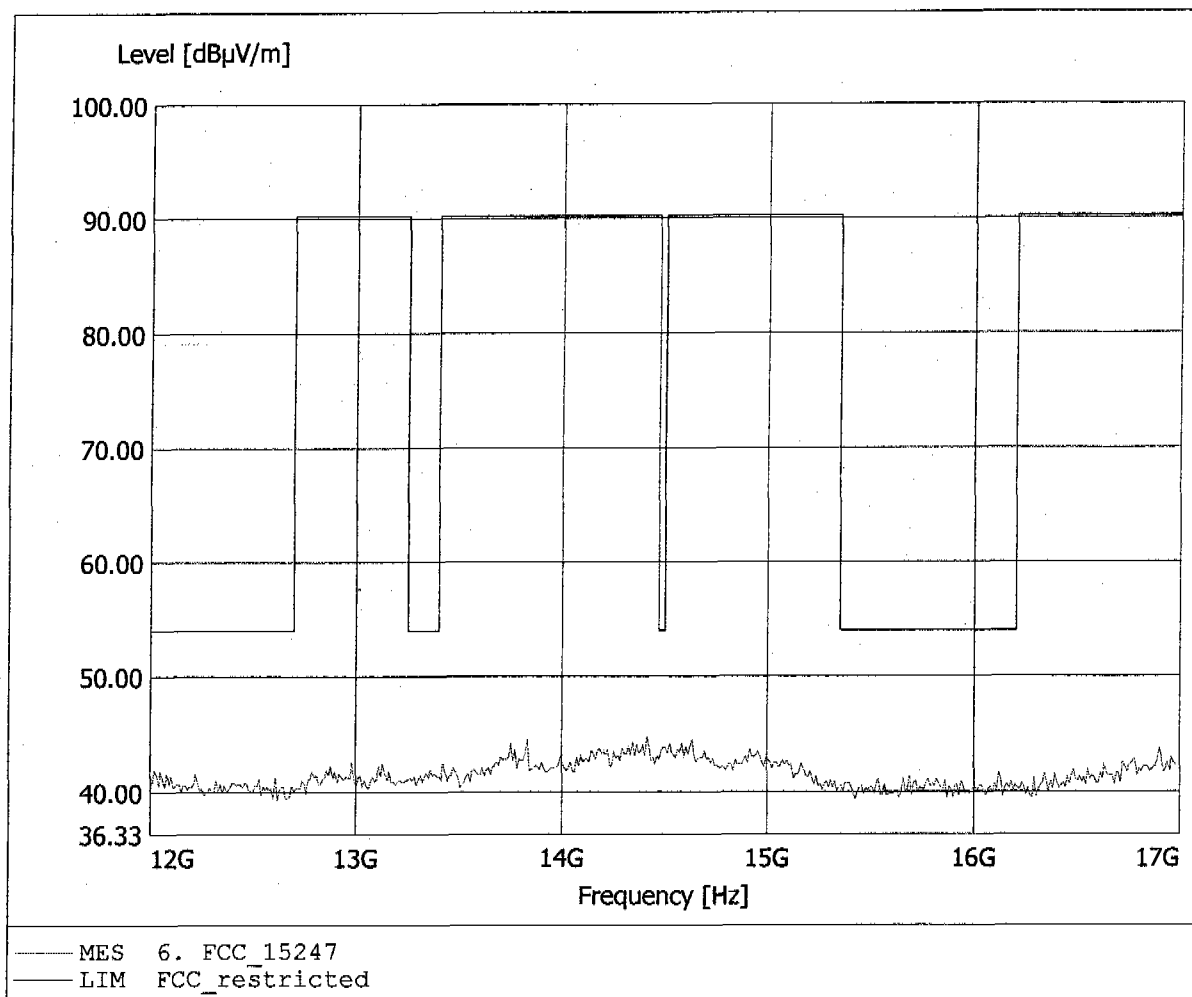
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.206GHz, Emax: 42.26dBµV/m, RBW: 1MHz



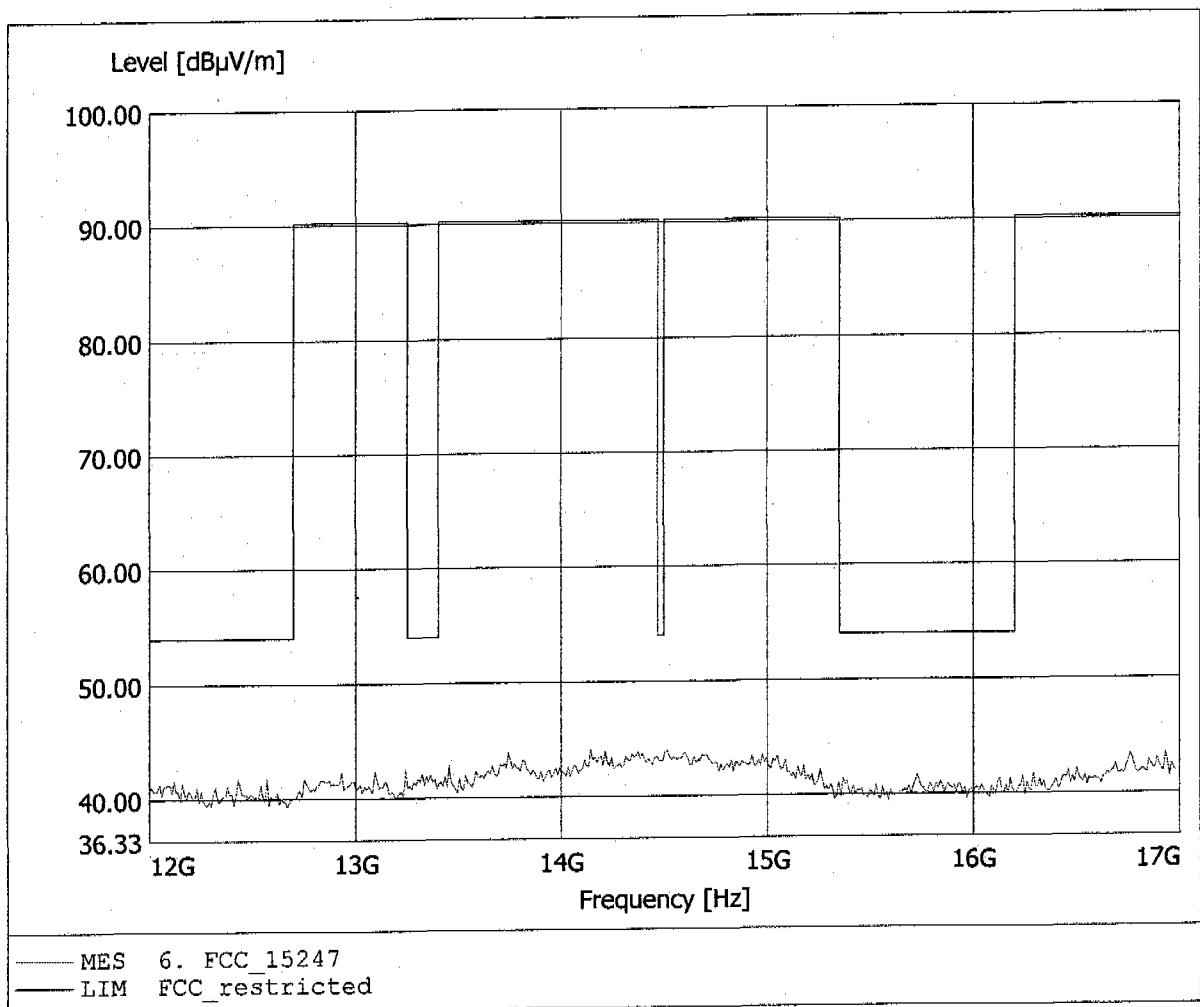
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 14.415GHz, Emax: 44.78dBµV/m, RBW: 1MHz



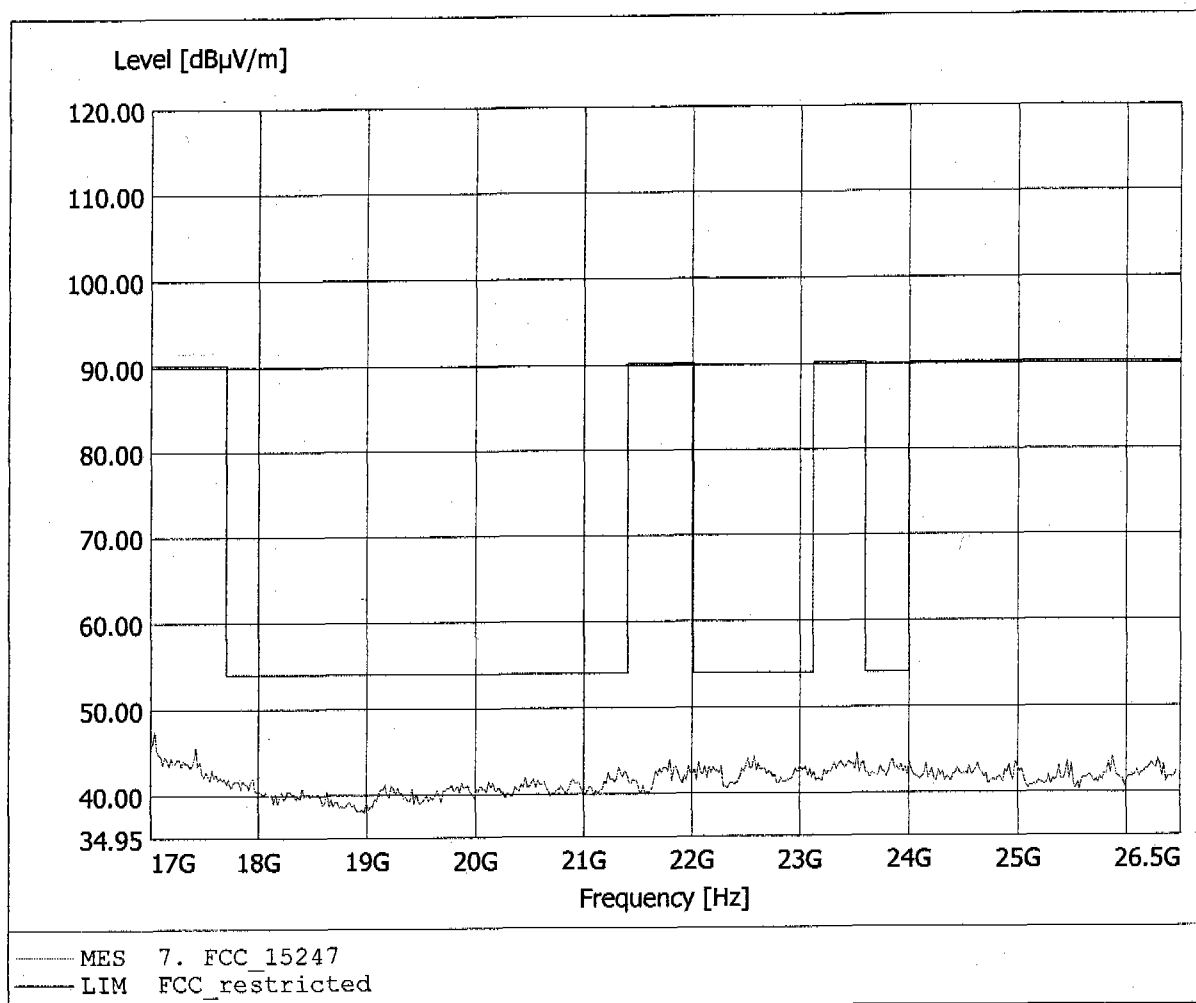
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 14.144GHz, Emax: 44.08dBµV/m, RBW: 1MHz



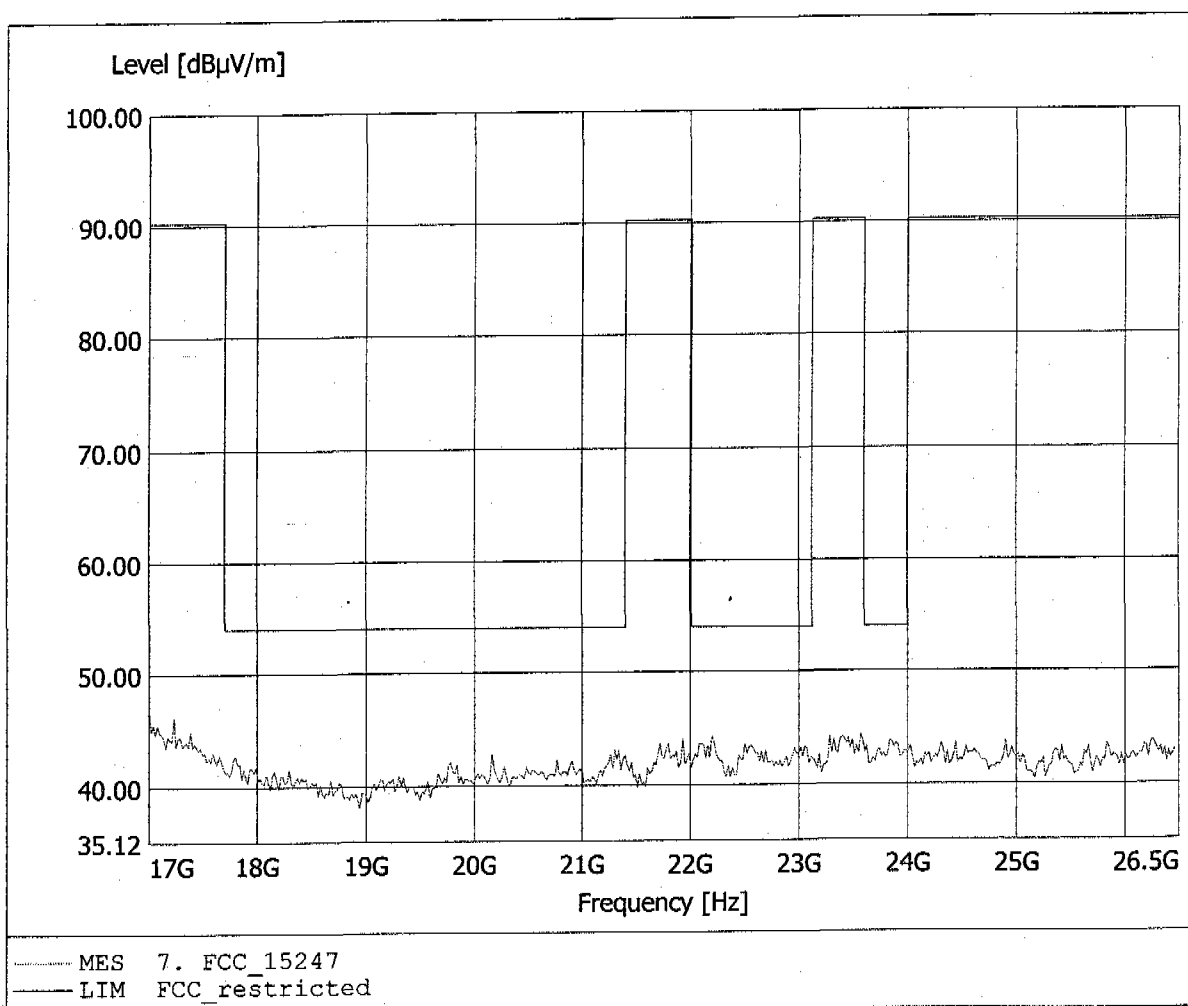
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.038GHz, Emax: 47.43dBµV/m, RBW: 1MHz



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

EUT: Bluetooth Serial Port Plug / Pmax / 2480 MHz
Model: F2M01
Approval Holder: Free2move AB
Operating Condition: Tnom: 23°C / Unom: 110 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.000GHz, Emax: 46.85dBμV/m, RBW: 1MHz



Appendix D

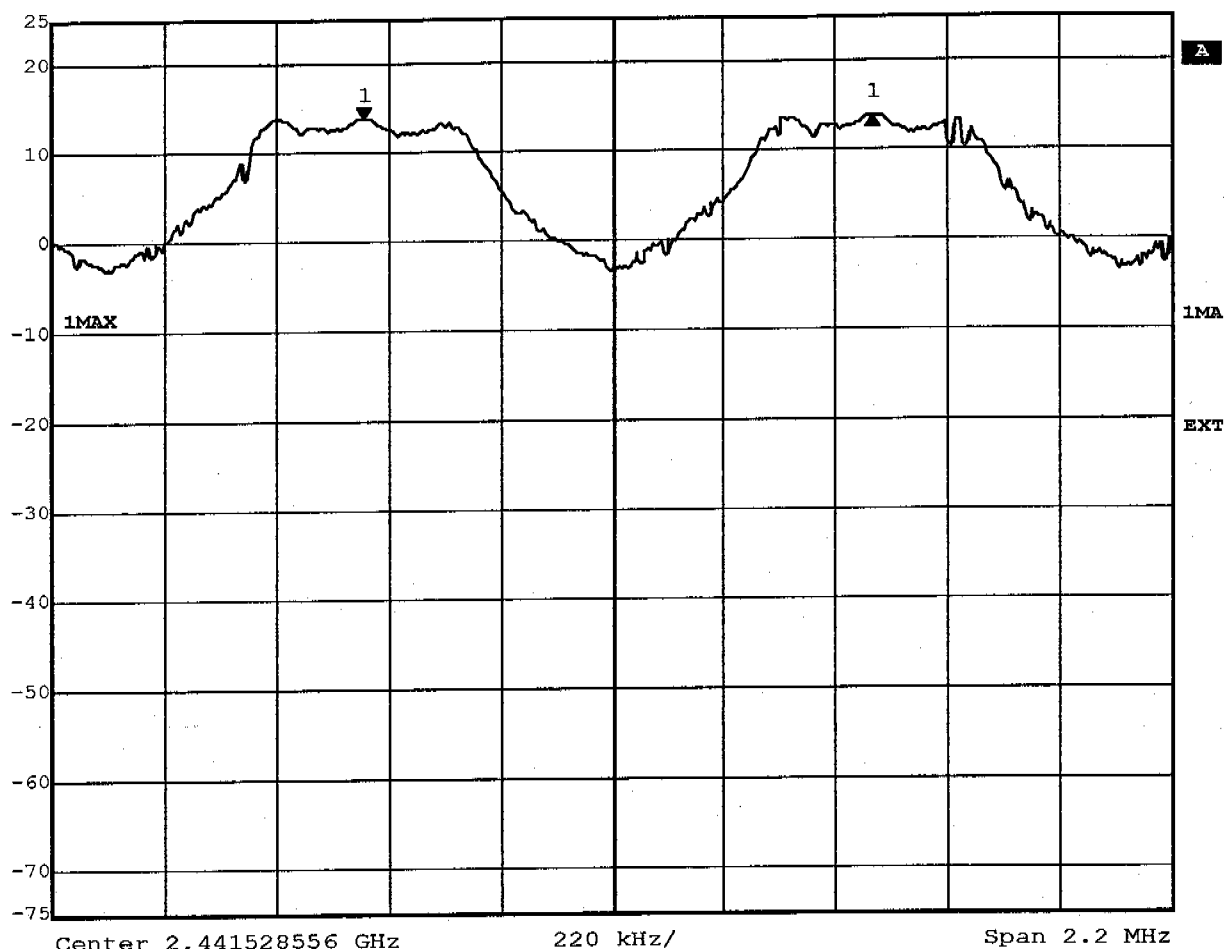
Spurious Emissions conducted - Transmitter operating

Appendix E

Carrier Frequency Separation



Delta 1 [T1] RBW 100 kHz RF Att 40 dB
Ref Lvl -0.15 dB VBW 100 kHz
25 dBm 1.00080160 MHz SWT 5 ms Unit dBm



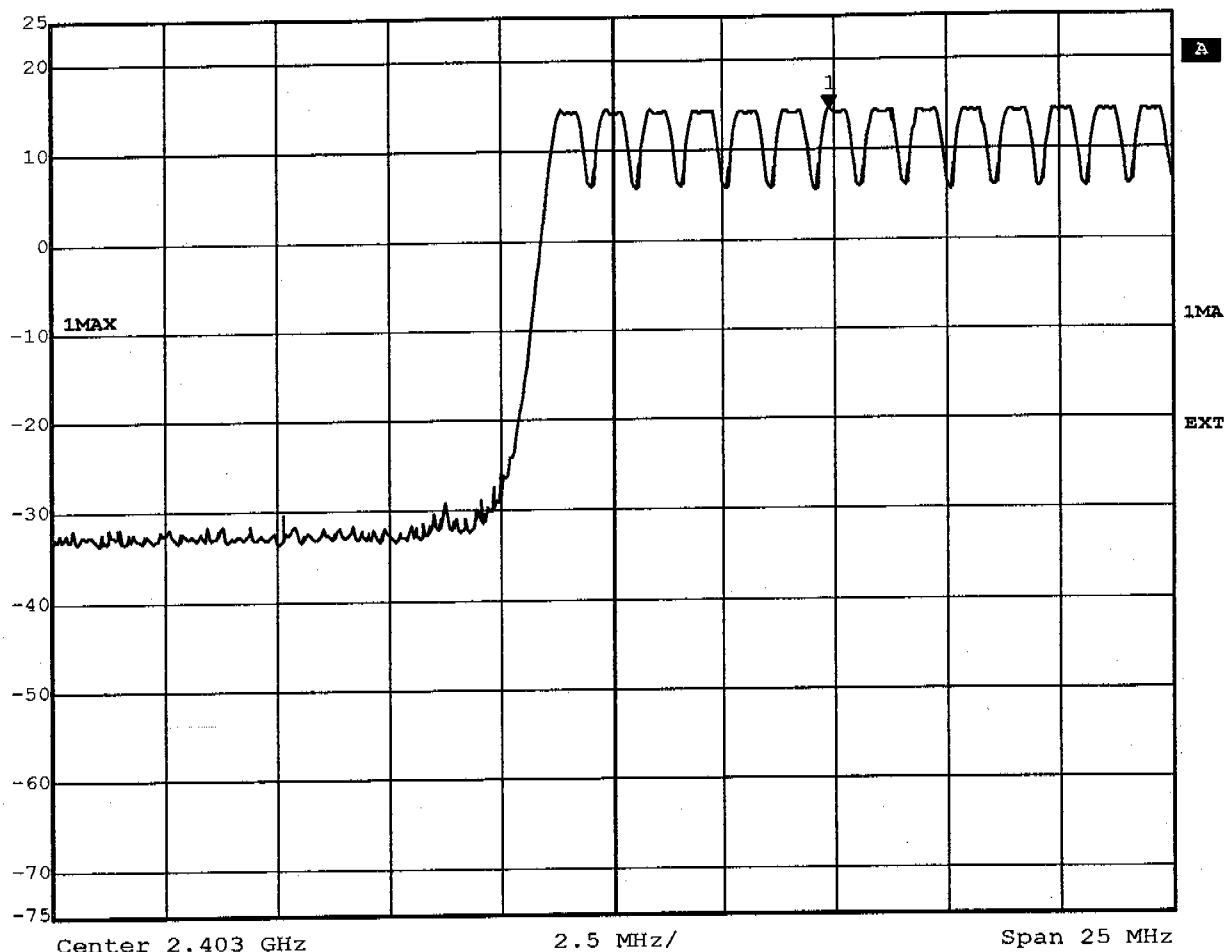
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Comment A: Free2move F2M01
Date: 12.JUN.2003 08:02:02

Appendix F

Number of Hopping Frequencies



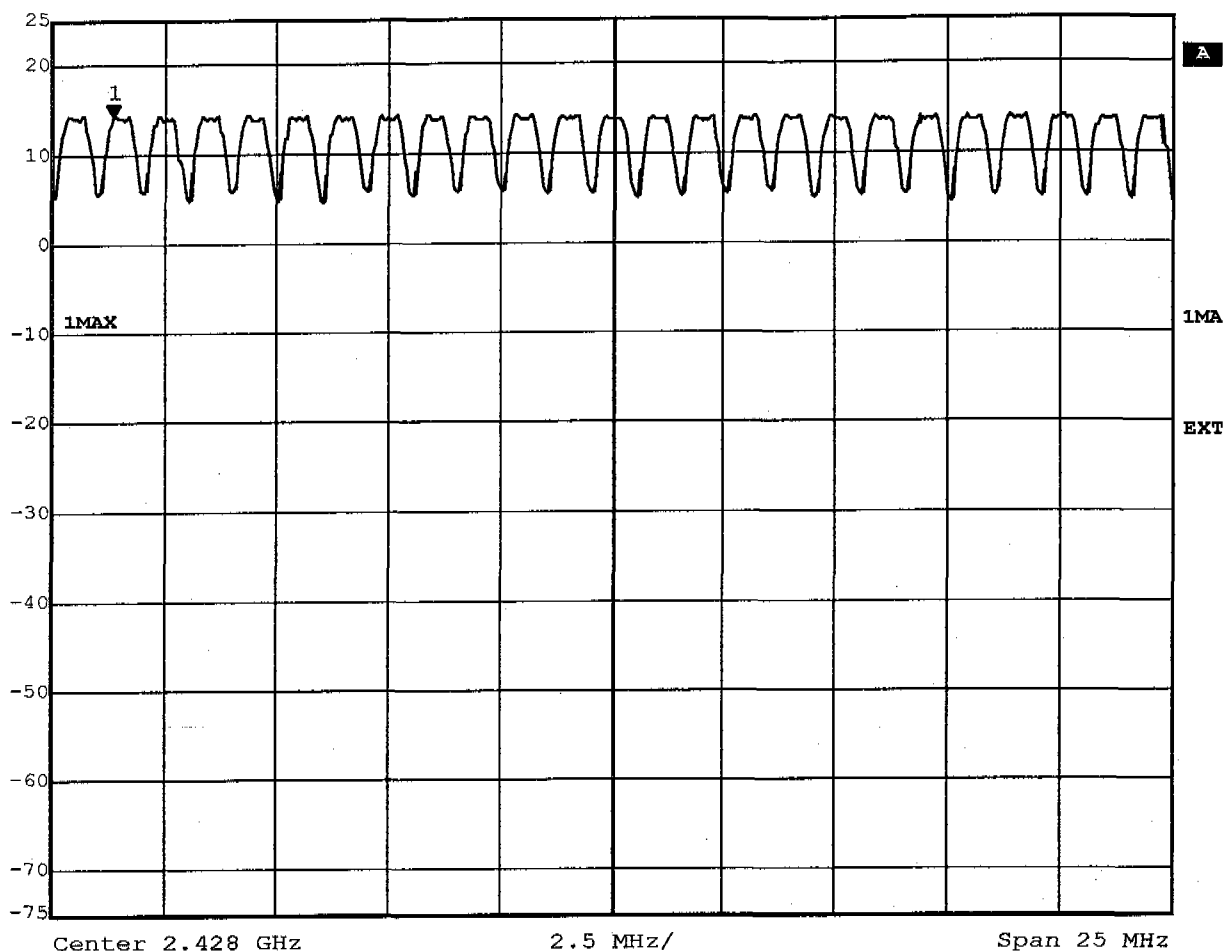
Marker 1 [T1] RBW 300 kHz RF Att 50 dB
14.27 dBm VBW 300 kHz
25 dBm 2.40788477 GHz SWT 5 ms Unit dBm



Title: Number of Hopping Frequencies Ch.: 0-13
Comment A: Free2move F2M01
Date: 12.JUN.2003 10:04:05



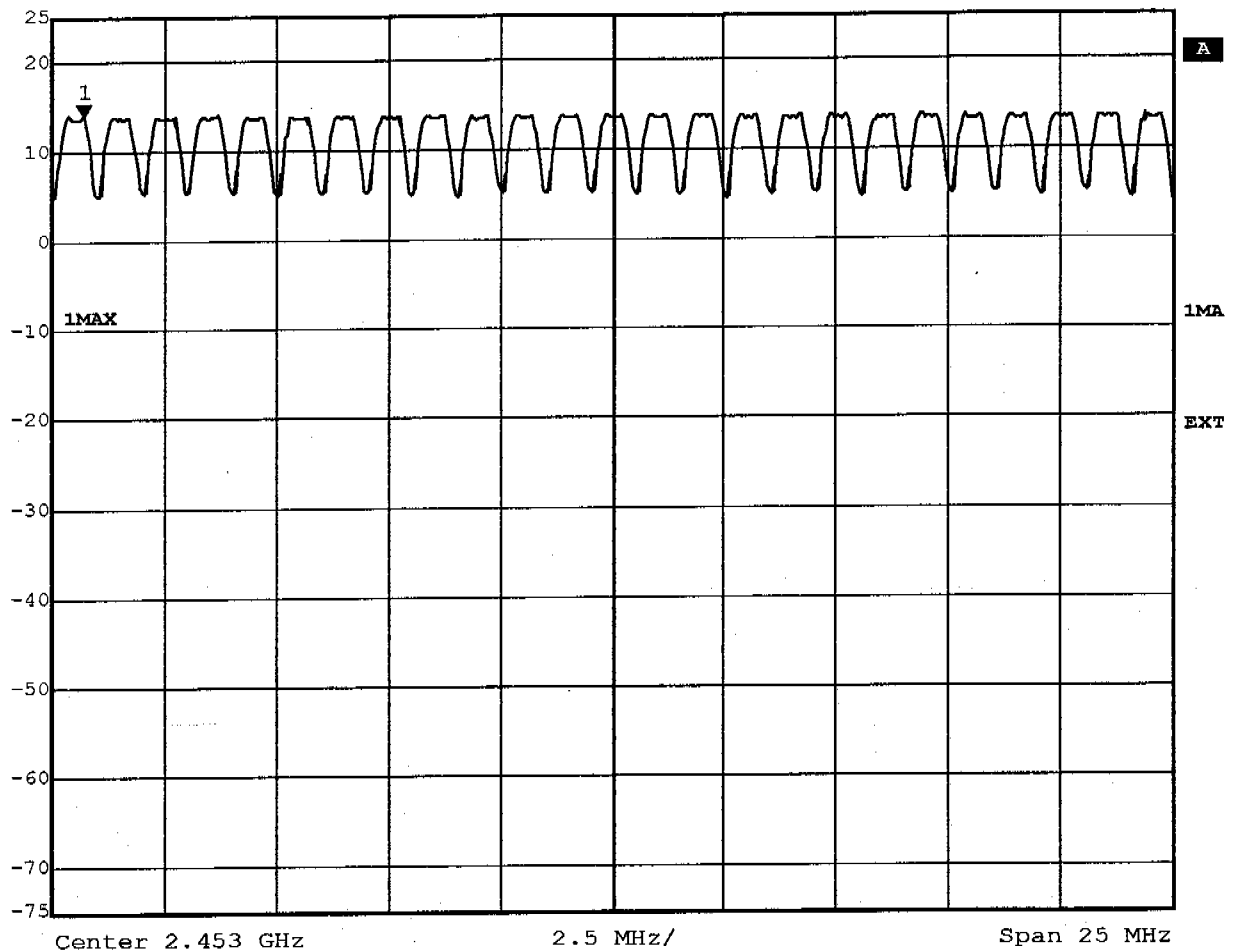
Marker 1 [T1] RBW 300 kHz RF Att 50 dB
Ref Lvl 14.16 dBm VBW 300 kHz
25 dBm 2.41685271 GHz SWT 5 ms Unit dBm



Title: Number of Hopping Frequencies Ch.: 14-38
Comment A: Free2move F2M01
Date: 12.JUN.2003 10:20:25



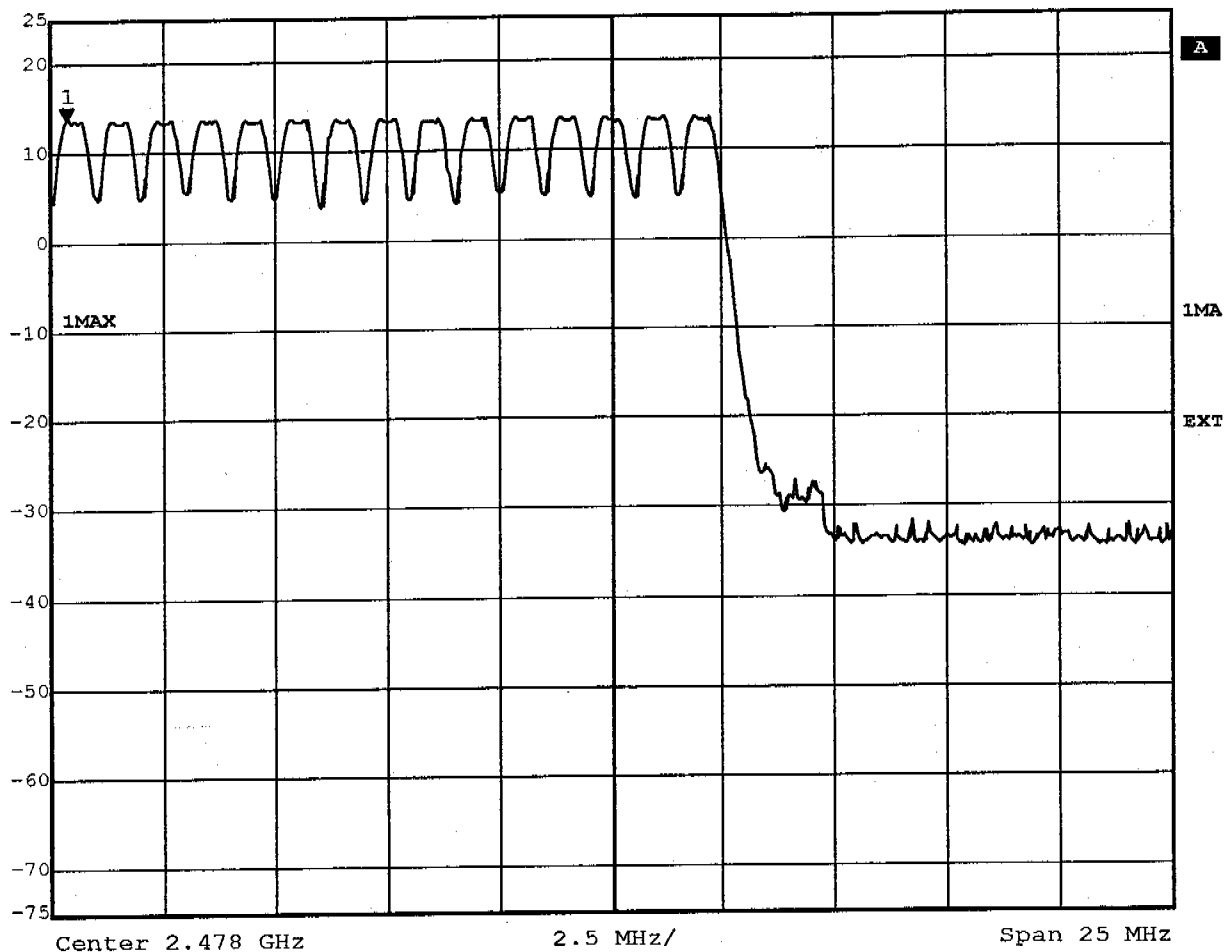
Marker 1 [T1] REW 300 kHz RF Att 50 dB
Ref Lvl 13.76 dBm VBW 300 kHz
25 dBm 2.44120140 GHz SWT 5 ms Unit dBm



Title: Number of Hopping Frequencies Ch.: 39-63
Comment A: Free2move F2M01
Date: 12.JUN.2003 10:32:04



Marker 1 [T1] RBW 300 kHz RF Att 50 dB
Ref Lvl 13.56 dBm VBW 300 kHz
25 dBm 2.46585070 GHz SWT 5 ms Unit dBm

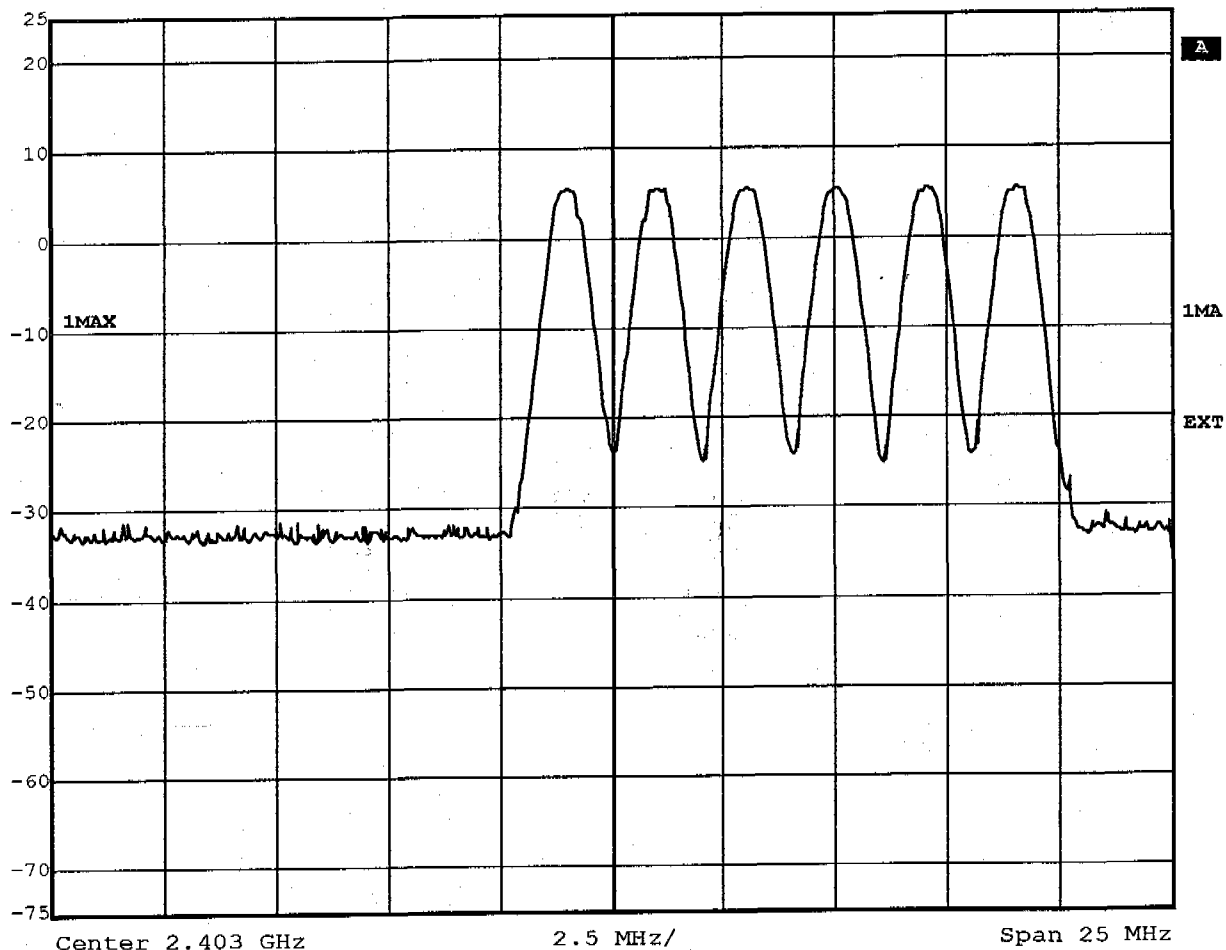


Title: Number of Hopping Frequencies Ch.: 64-78
Comment A: Free2move F2M01
Date: 12.JUN.2003 10:33:33



Ref Lvl
25 dBm

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

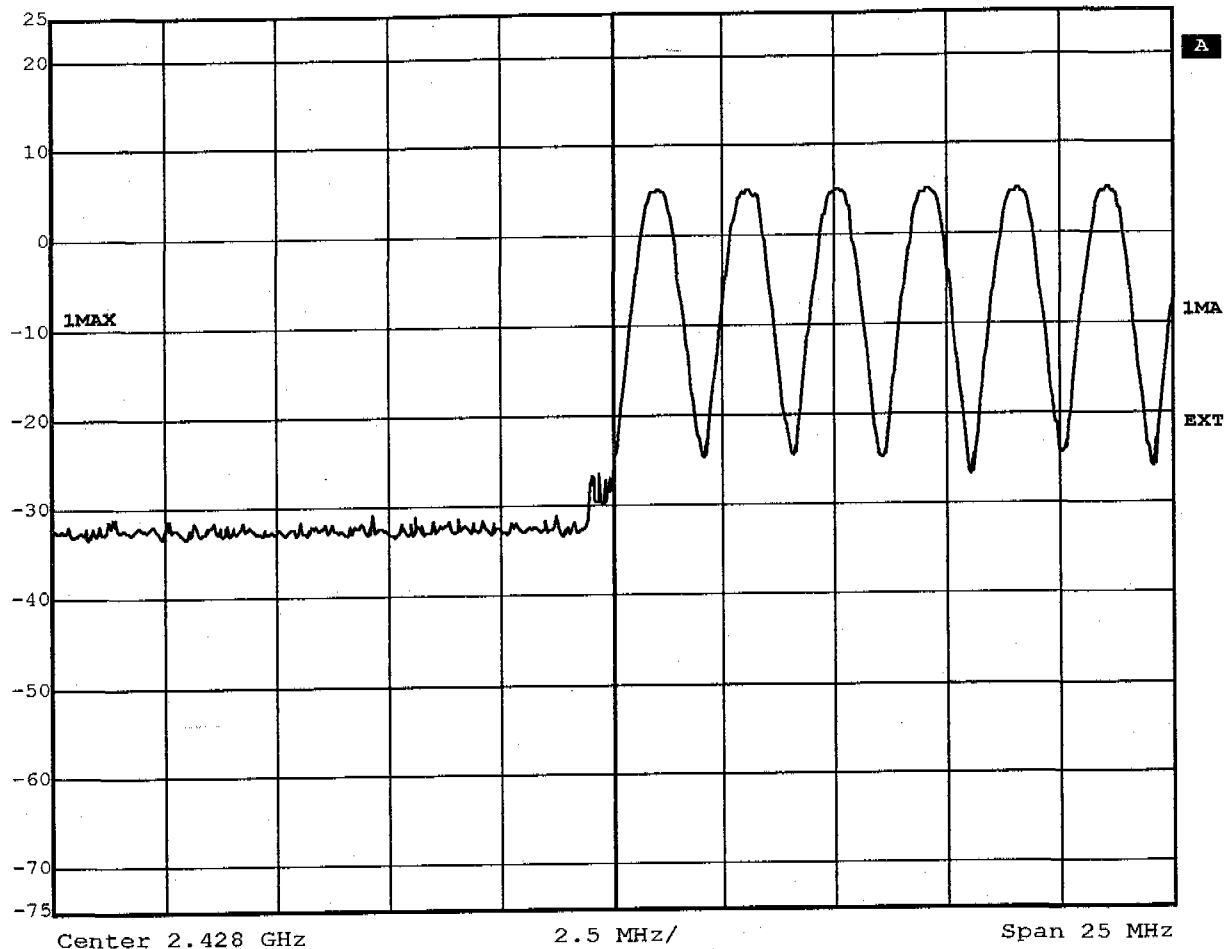


Title: Number of Hopping Frequencies (Inquiry Mode)
Comment A: Free2move F2M01
Date: 12.JUN.2003 10:45:09



Ref Lvl
25 dBm

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

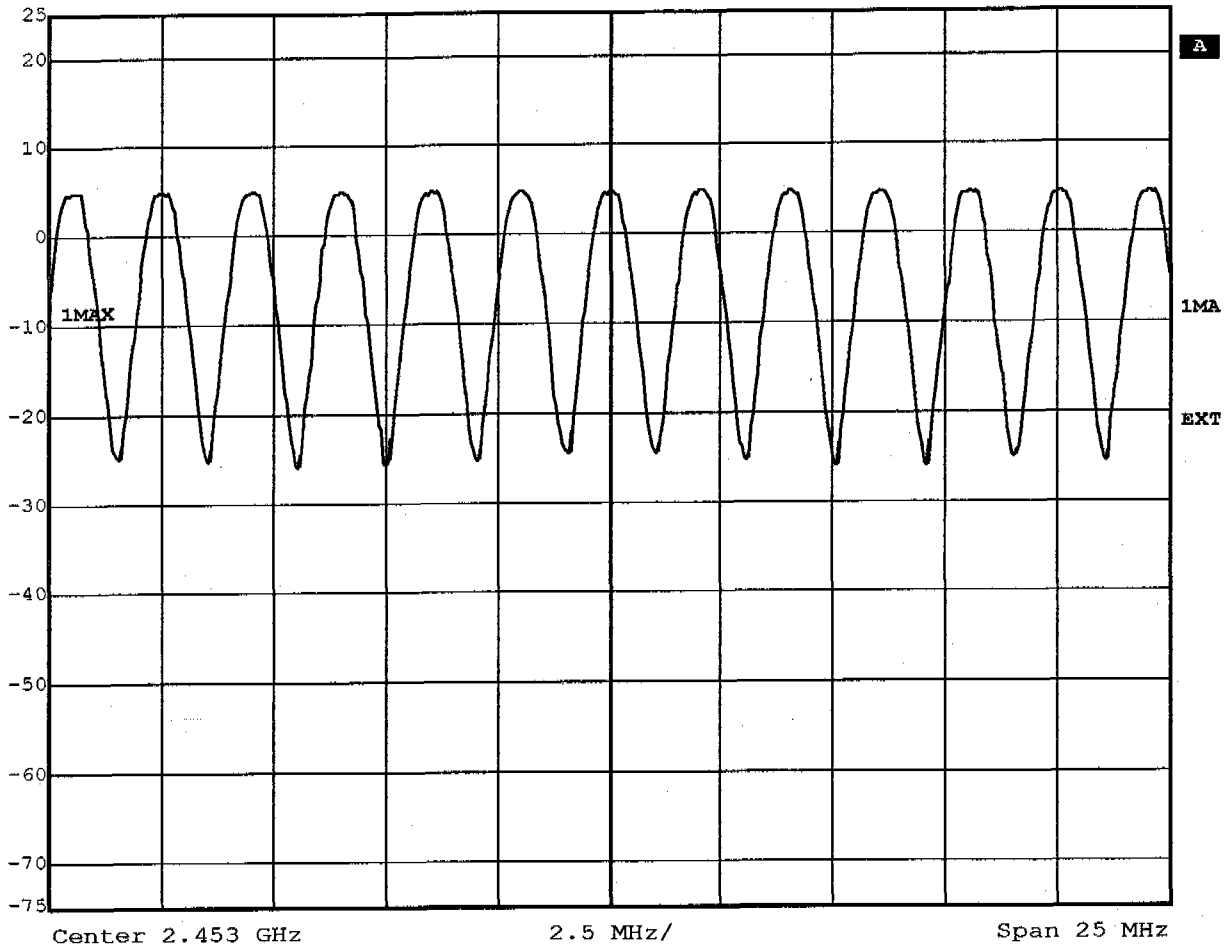


Title: Number of Hopping Frequencies (Inquiry Mode)
Comment A: Free2move F2M01
Date: 12.JUN.2003 10:48:20



Ref Lvl
25 dBm

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

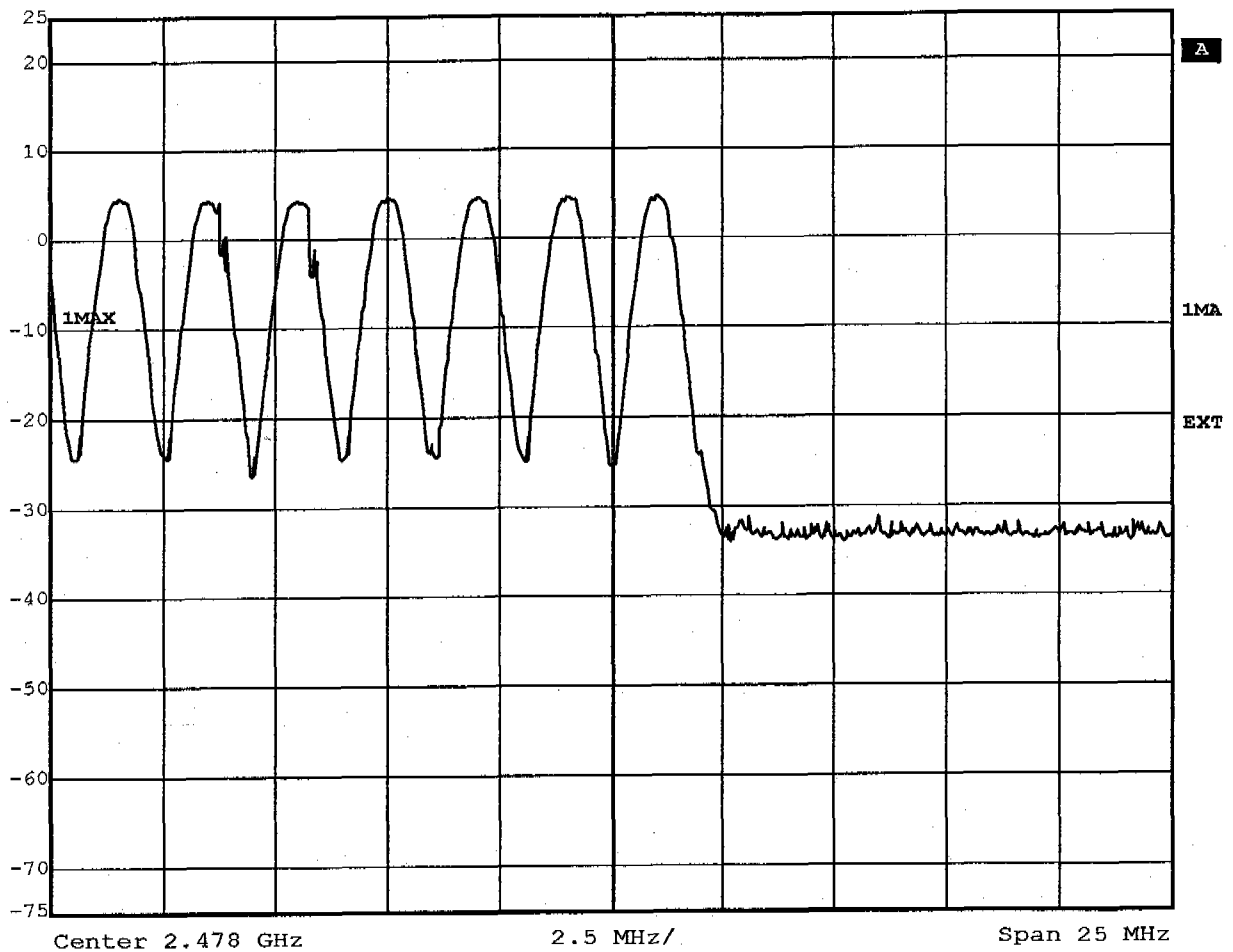


Title: Number of Hopping Frequencies (Inquiry Mode)
Comment A: Free2move F2M01
Date: 12.JUN.2003 10:50:39



Ref Lvl
25 dBm

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



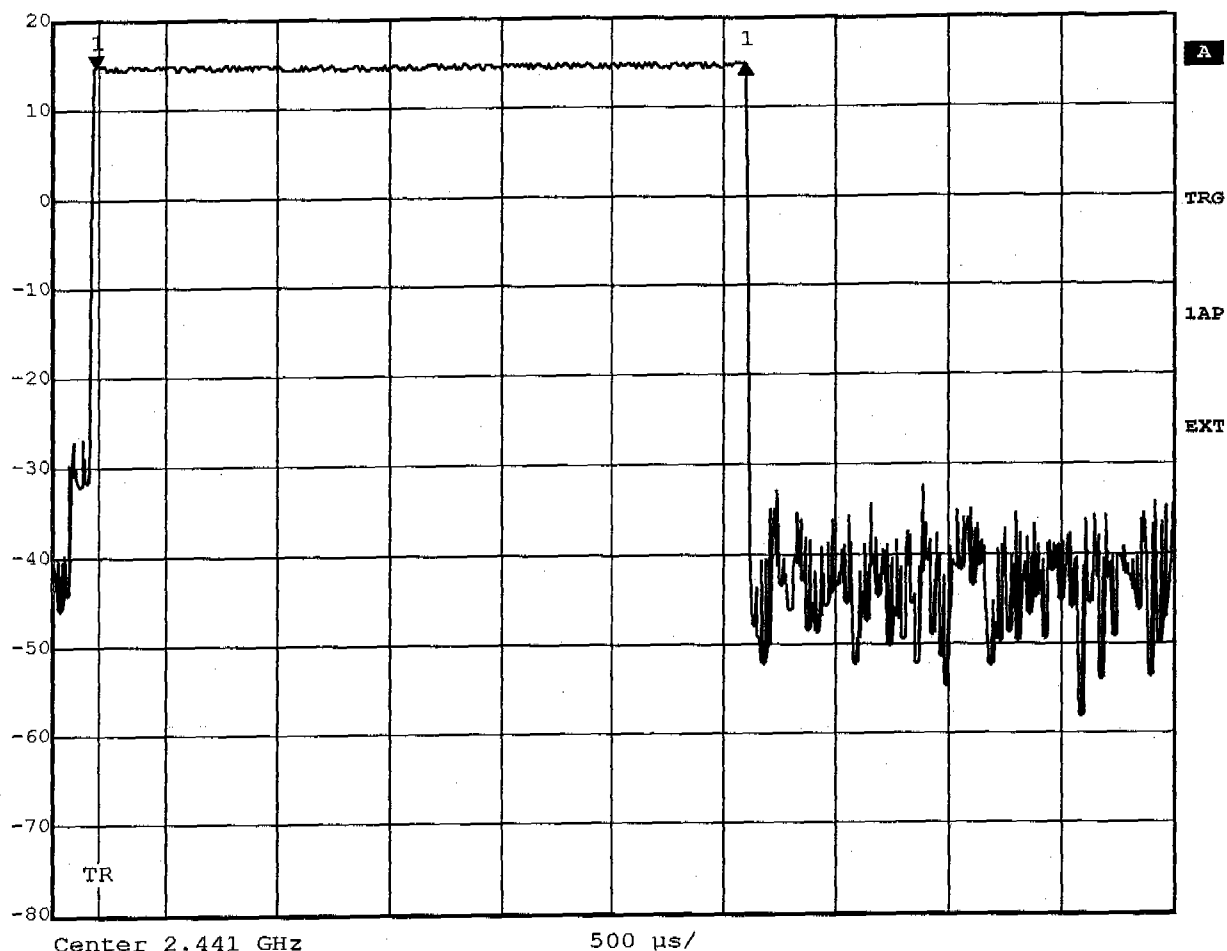
Title: Number of Hopping Frequencies (Inquiry Mode)
Comment A: Free2move F2M01
Date: 12.JUN.2003 10:53:27

Appendix G

Time of Occupancy (Dwell Time)



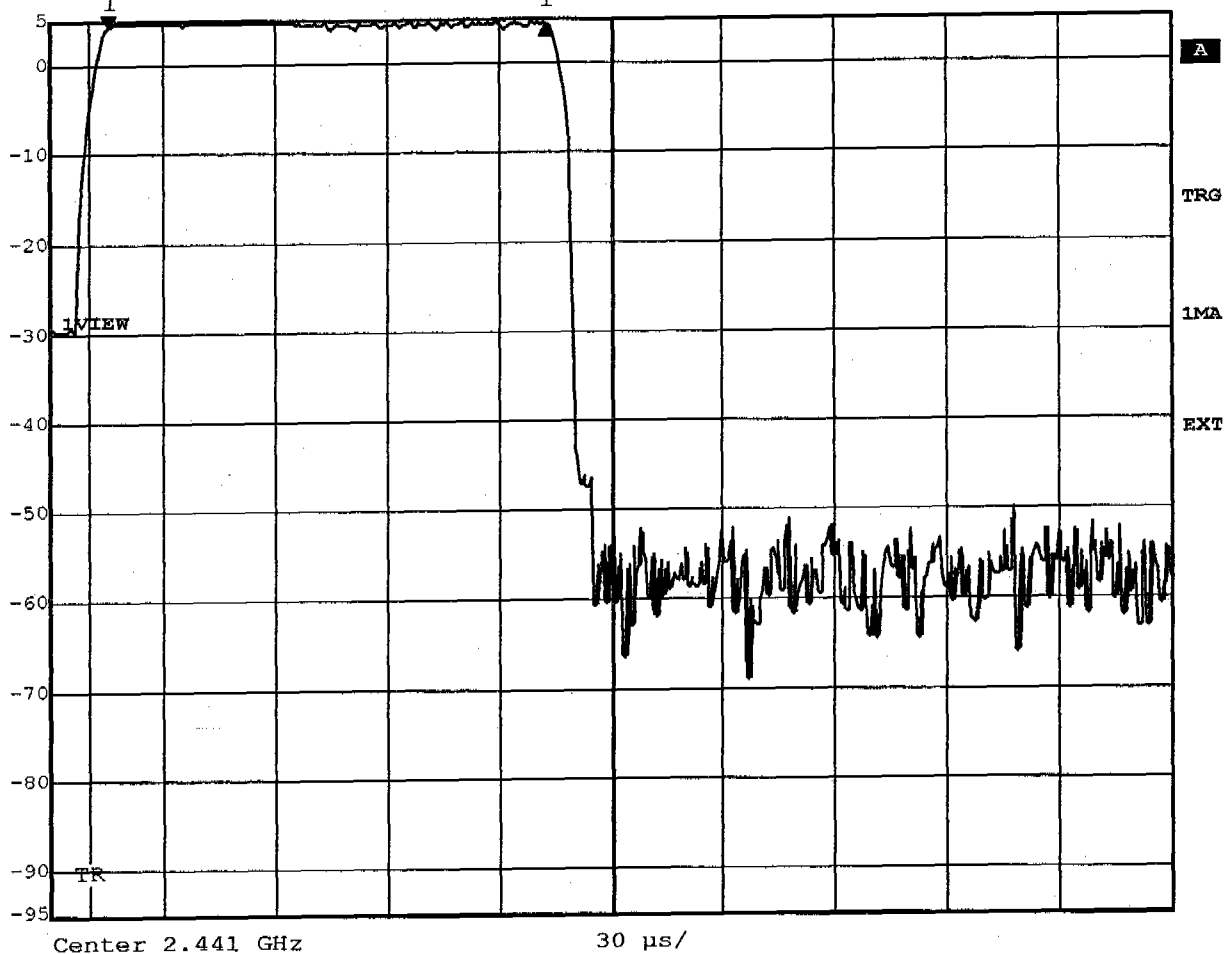
Delta 1 [T1] RBW 1 MHz RF Att 50 dB
Ref Lvl -0.08 dB VBW 1 MHz
20 dBm 2.902669 ms SWT 5 ms Unit dBm



Title: Time of occupancy (Hopping DH5) 64 events * 2.902ms=185.79ms
Comment A: Free2move F2M01
Date: 12.JUN.2003 09:23:44



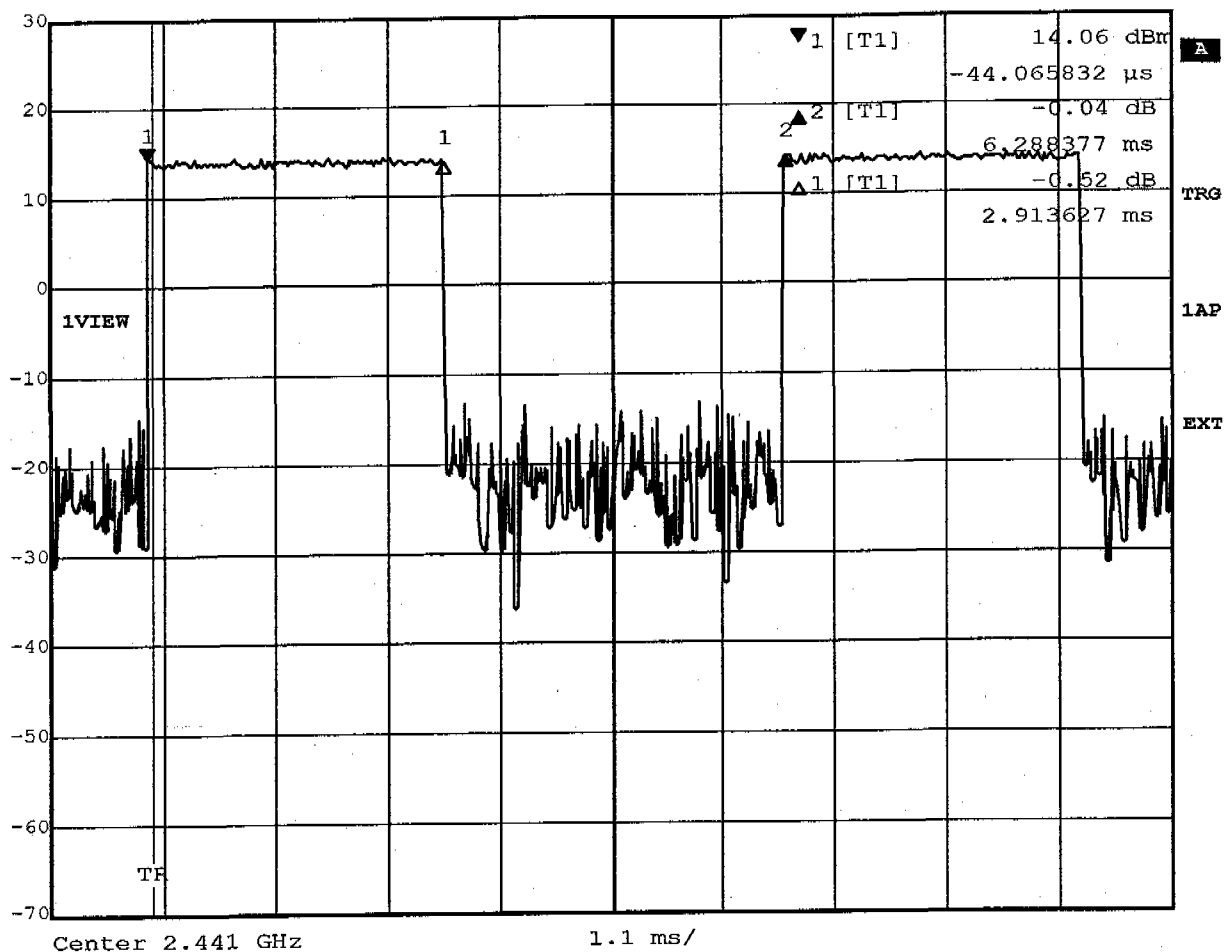
Delta 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl 0.05 dB VBW 1 MHz
5 dBm 117.098196 μ s SWT 300 μ s Unit dBm



Title: Time of occupancy (Inquiry mode) 102 event * 0.117ms=11.9ms
Comment A: Free2move F2M01
Date: 12.JUN.2003 10:42:28



Delta 2 [T1] RBW 1 MHz RF Att 70 dB
Ref Lvl -0.04 dB VBW 1 MHz
30 dBm 6.288377 ms SWT 11 ms Unit dBm



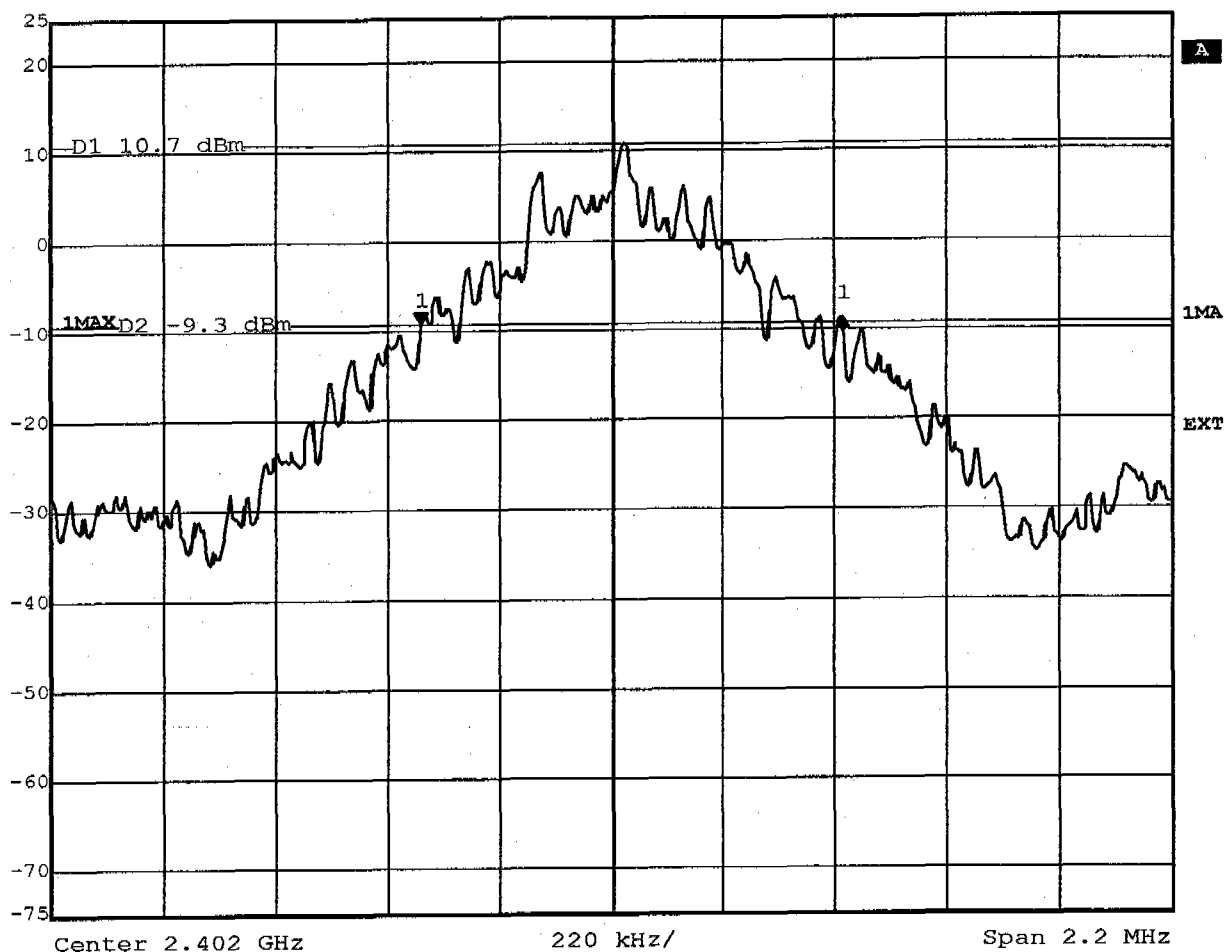
Title: Duty Cycle
Comment A: Free2move F2M01
Date: 12.JUN.2003 09:00:13

Appendix H

20dB Bandwidth



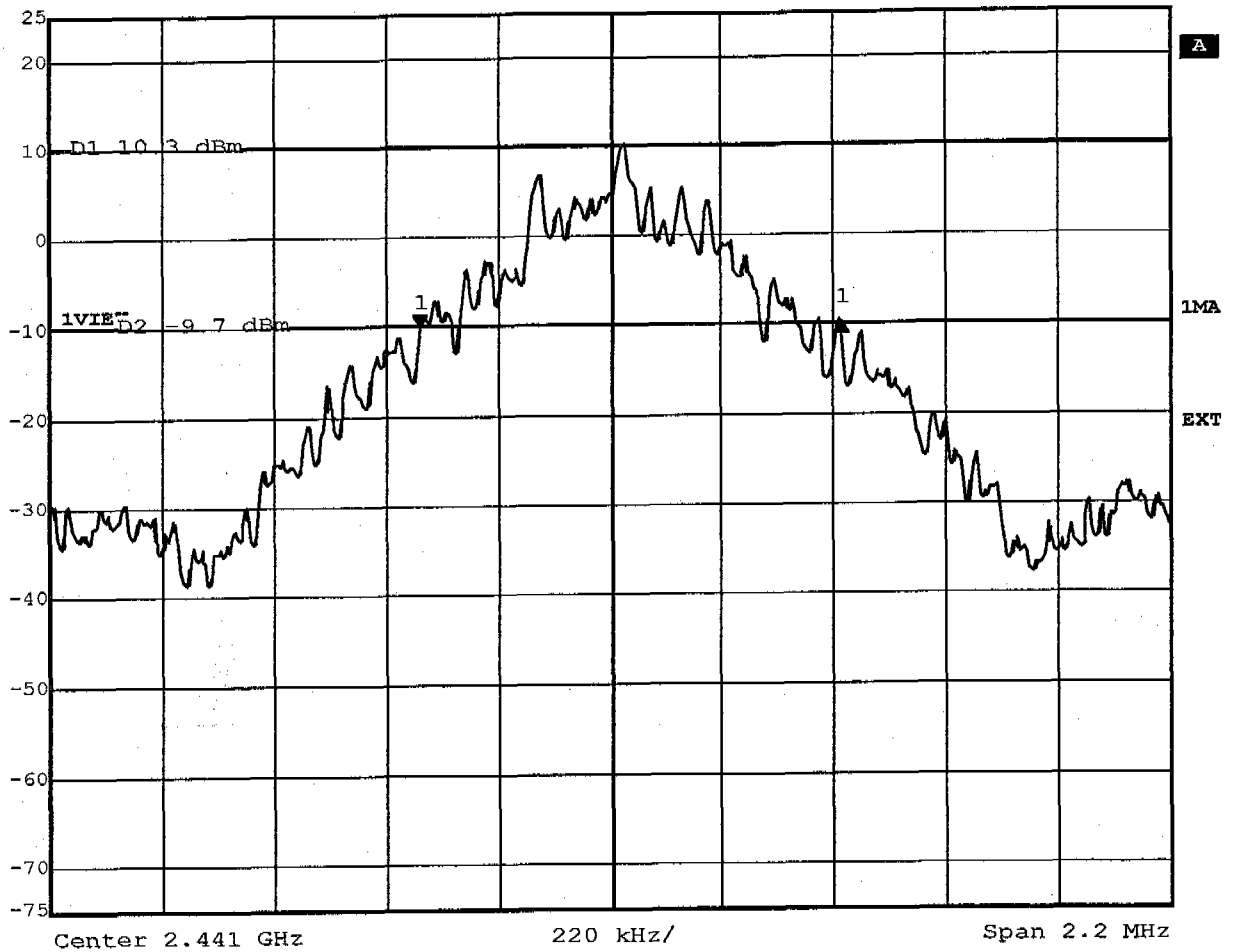
Delta 1 [T1] RBW 10 kHz RF Att 50 dB
Ref Lvl 0.41 dB VBW 10 kHz
25 dBm 828.85771543 kHz SWT 56 ms Unit dBm



Title: -20dB Bandwidth Ch.: 1
Comment A: Free2move F2M01
Date: 12.JUN.2003 07:10:41



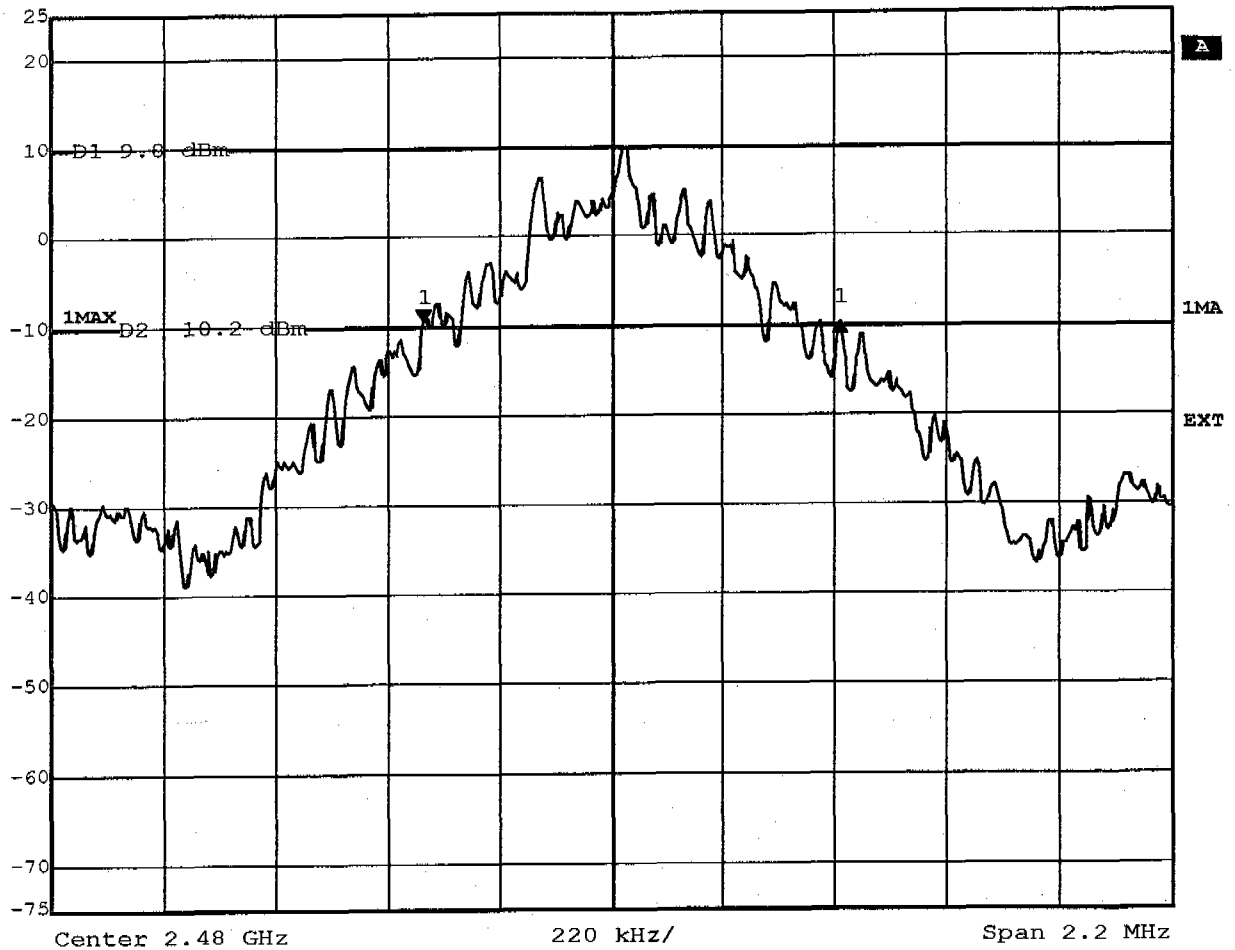
Delta 1 [T1] RBW 10 kHz RF Att 50 dB
Ref Lvl 0.22 dB VBW 10 kHz
25 dBm 828.85771543 kHz SWT 56 ms Unit dBm



Title: -20dB Bandwidth Ch.: 39
Comment A: Free2move F2M01
Date: 12.JUN.2003 07:51:14



Delta 1 [T1] RBW 10 kHz RF Att 50 dB
Ref Lvl -0.23 dB VBW 10 kHz
25 dBm 820.04008016 kHz SWT 56 ms Unit dBm



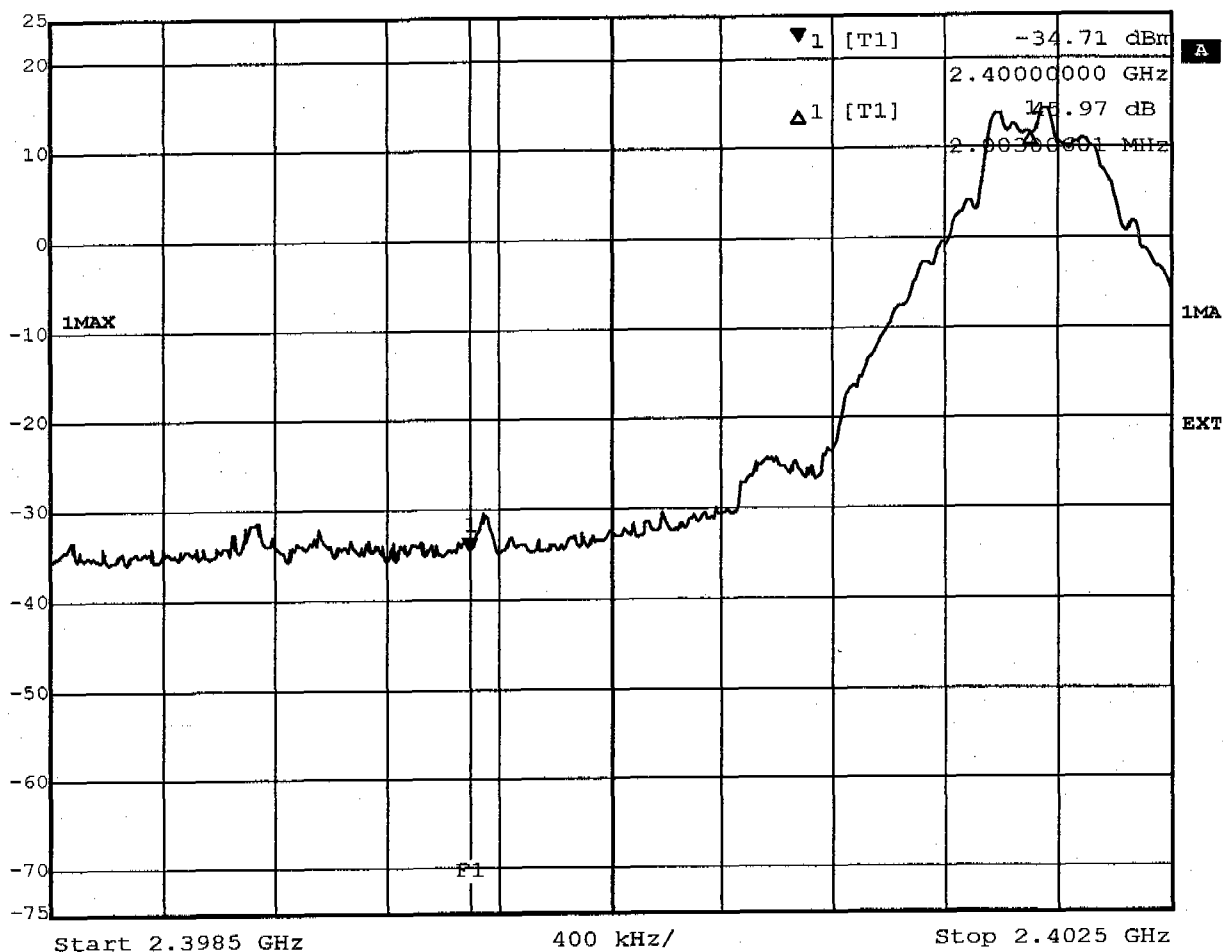
Title: -20dB Bandwidth Ch.: 78
Comment A: Free2move F2M01
Date: 12.JUN.2003 07:54:19

Appendix I

Band-edge Compliance of RF Emissions



Marker 1 [T1] RBW 50 kHz RF Att 50 dB
Ref Lvl -34.71 dBm VBW 50 kHz
25 dBm 2.40000000 GHz SWT 5 ms Unit dBm



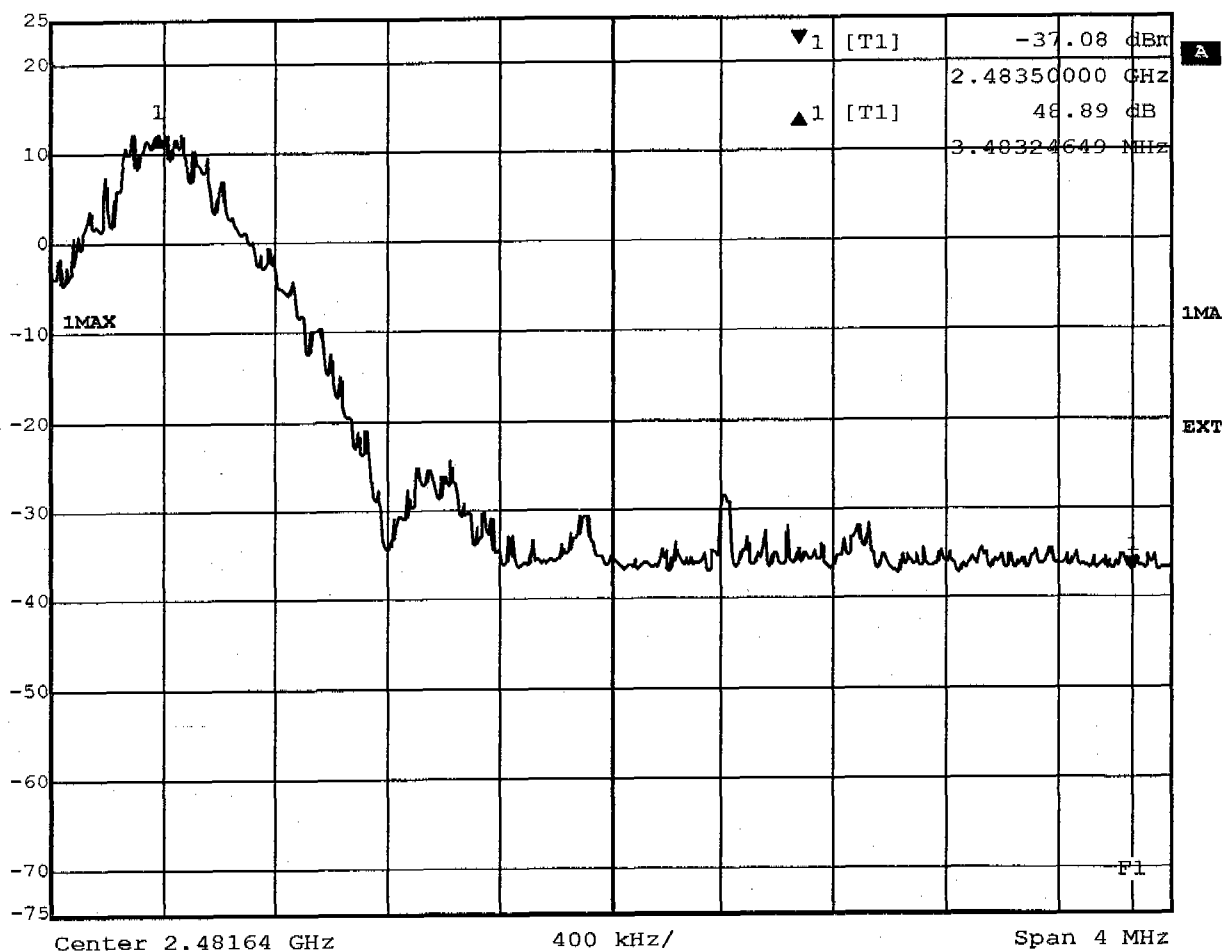
Title: Band-edge Compliance (conducted, single frequency)

Comment A: Free2move F2M01

Date: 18.JUN.2003 14:58:35



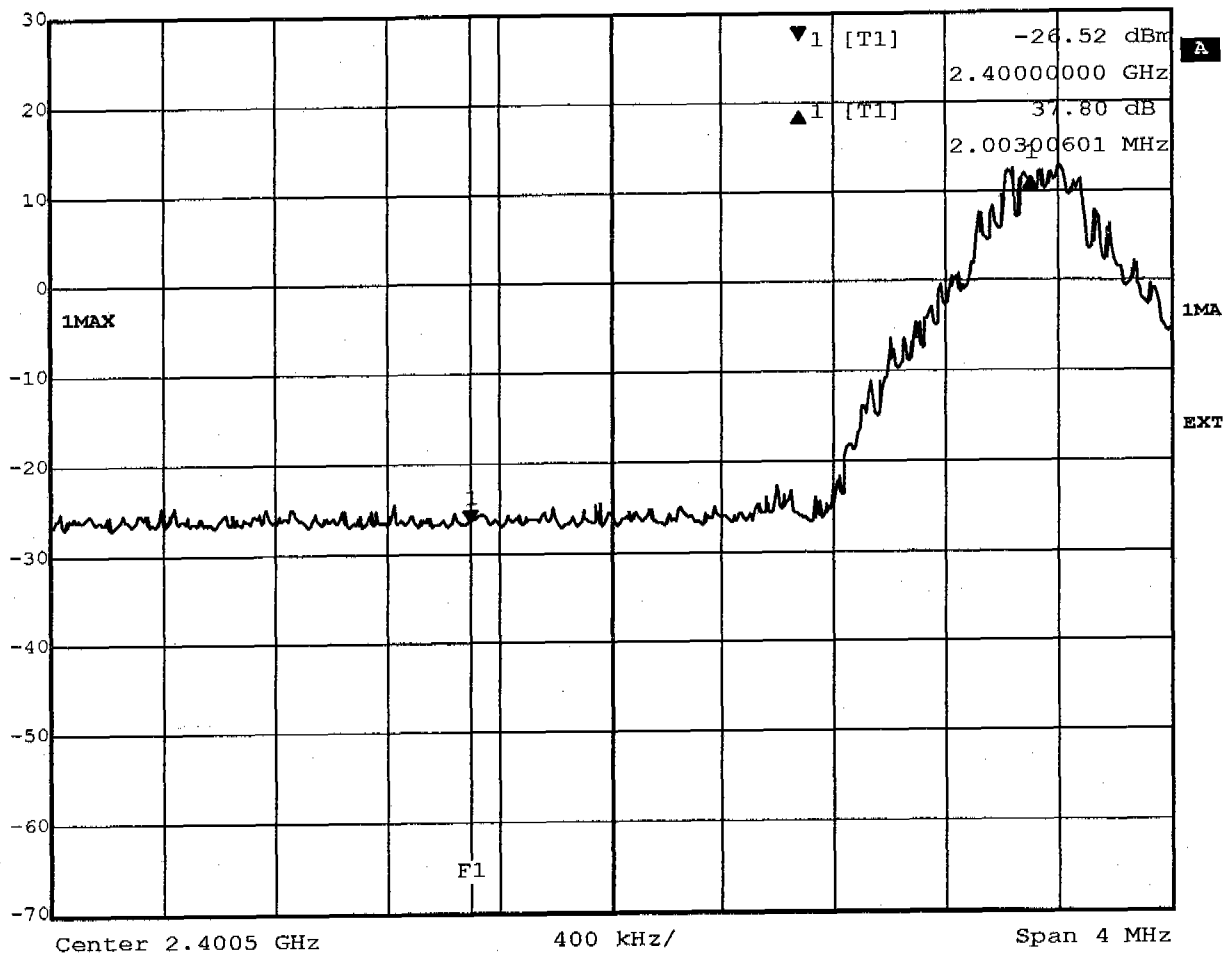
Delta 1 [T1] RBW 50 kHz RF Att 50 dB
Ref Lvl 48.89 dB VBW 50 kHz
25 dBm -3.48324649 MHz SWT 5 ms Unit dBm



Title: Band-edge Compliance (conducted, single frequency)
Comment A: Free2move F2M01
Date: 12.JUN.2003 09:06:32



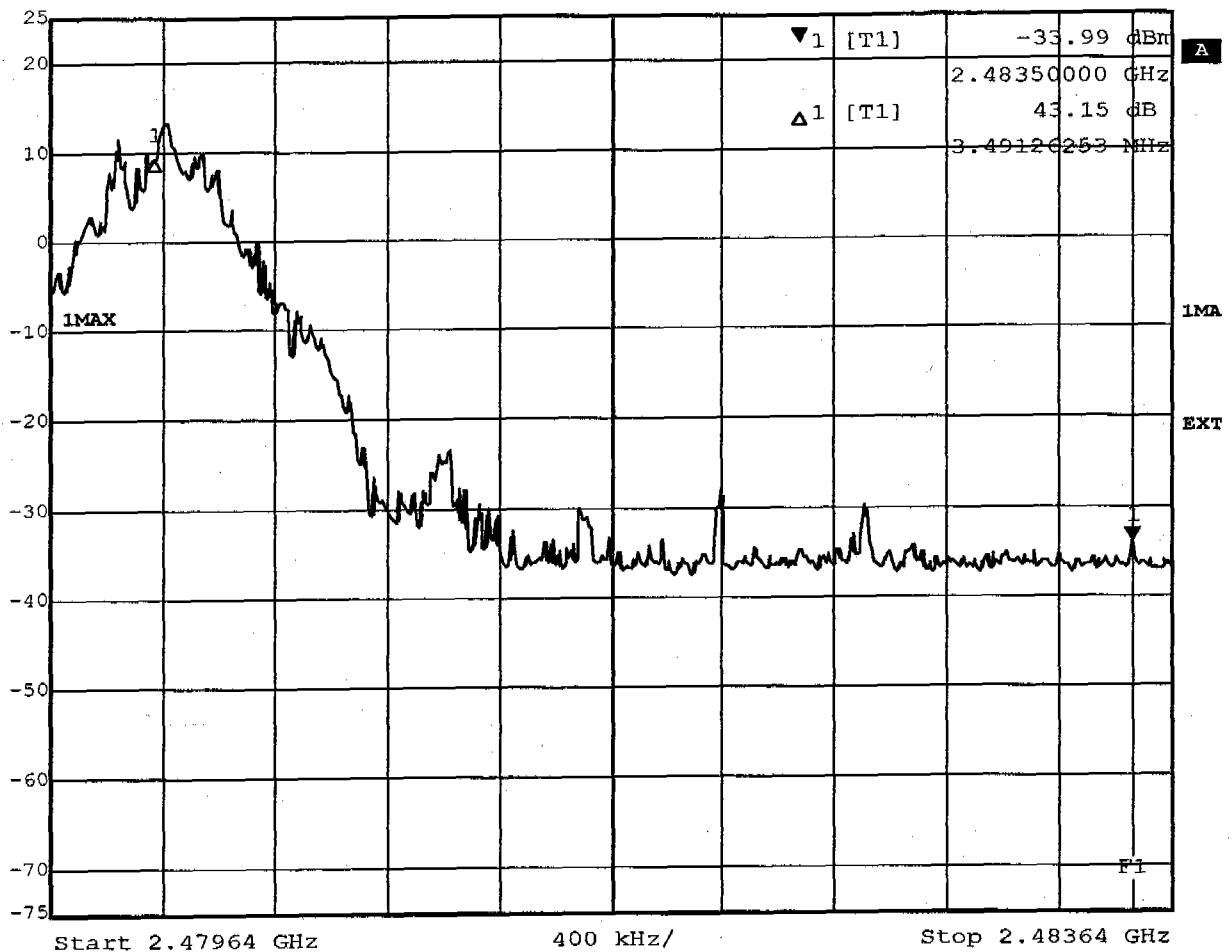
Delta 1 [T1] RBW 50 kHz RF Att 60 dB
Ref Lvl 37.80 dB VBW 50 kHz
30 dBm 2.00300601 MHz SWT 5 ms Unit dBm



Title: Band-edge Compliance (conducted, hopping mode)
Comment A: Free2move F2M01
Date: 12.JUN.2003 09:03:47



Marker 1 [T1] RBW 50 kHz RF Att 50 dB
Ref Lvl -33.99 dBm VBW 50 kHz
25 dBm 2.48350000 GHz SWT 5 ms Unit dBm



Title: Band-edge Compliance (conducted, hopping mode)
Comment A: Free2move F2M01
Date: 18.JUN.2003 15:02:17

Appendix J

Conducted Measurement at (AC) Power Line

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

EUT: BLUETOOTH SERIAL PORT PLUG
Manufacturer: FREE2MOVE AB
Operating Condition: Unom: parallel port , Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH2-Z5
Comment: model: F2M01

