

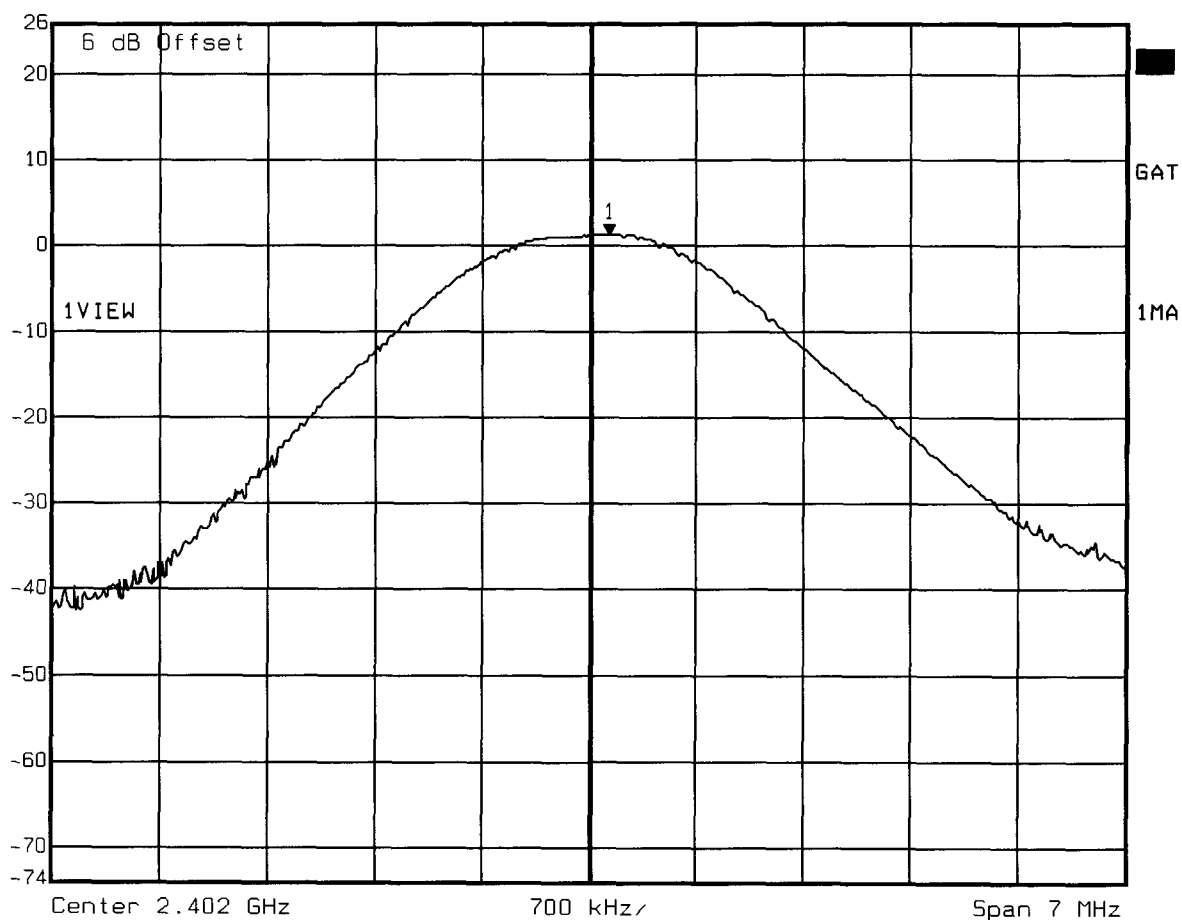


Appendix B

Peak Output Power



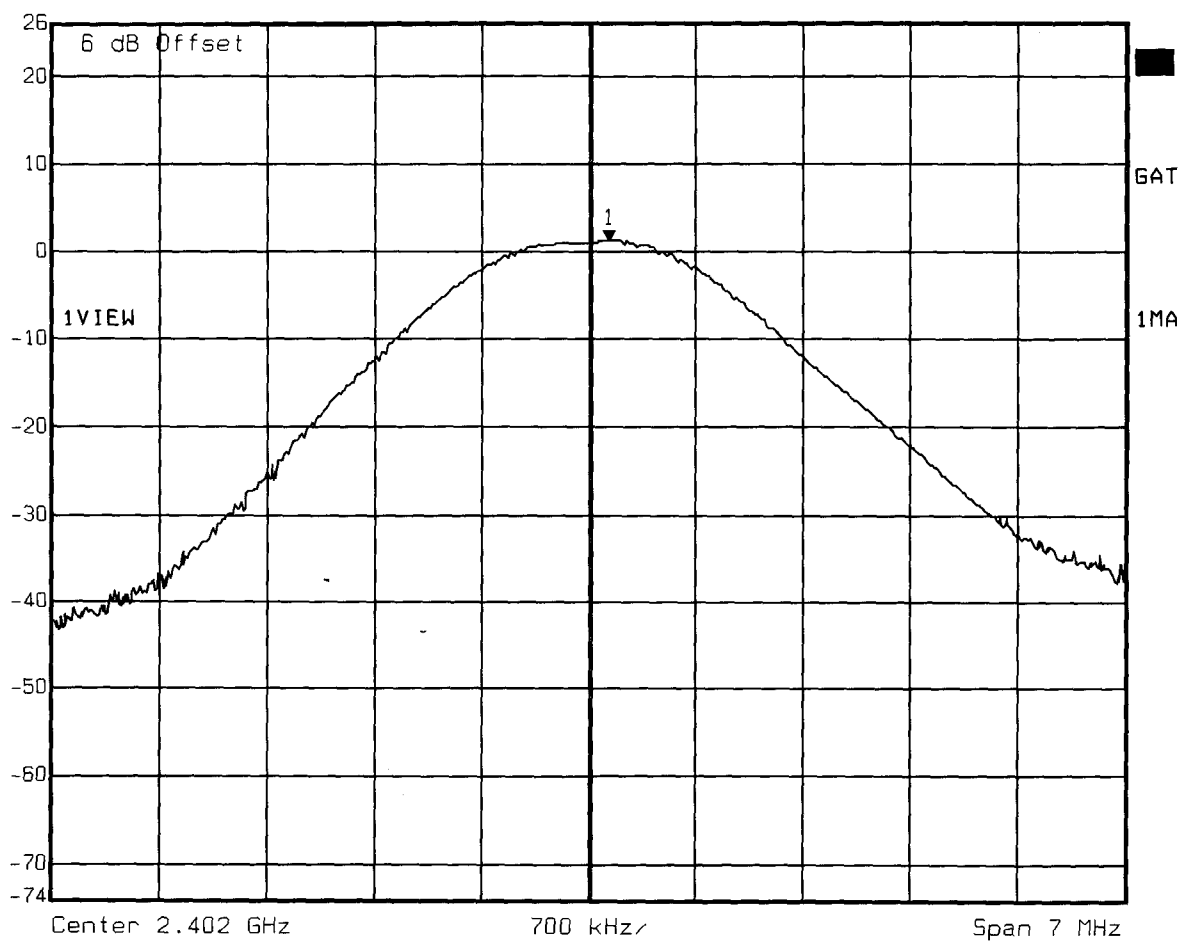
Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl 1.18 dBm VBW 1 MHz
26 dBm 2.40213327 GHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 0 Unom
Comment A: AP1310-BT module
Date: 04.JUL.2005 09:40:02



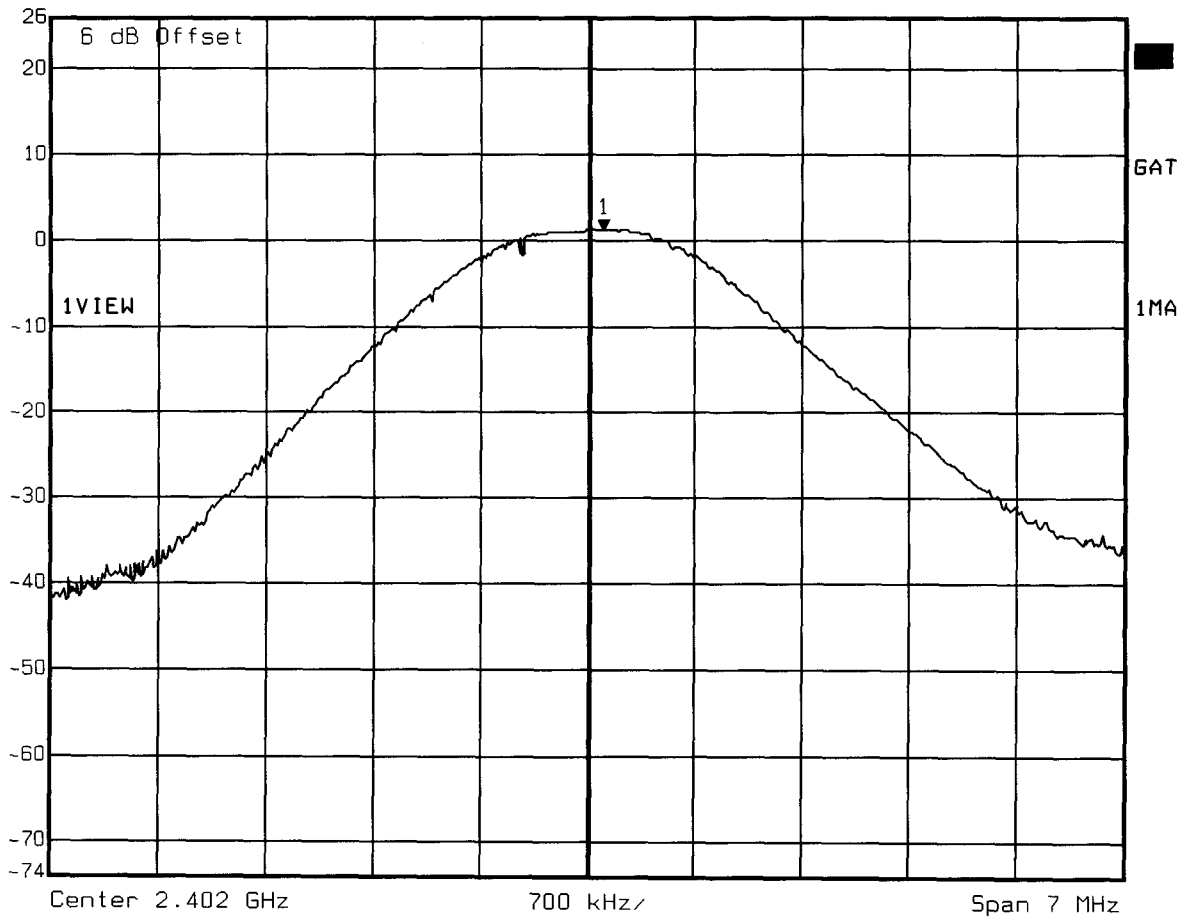
Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl 1.09 dBm VBW 1 MHz
26 dBm 2.40213327 GHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 0 Umin
Comment A: AP1310-BT module
Date: 04.JUL.2005 09:42:05



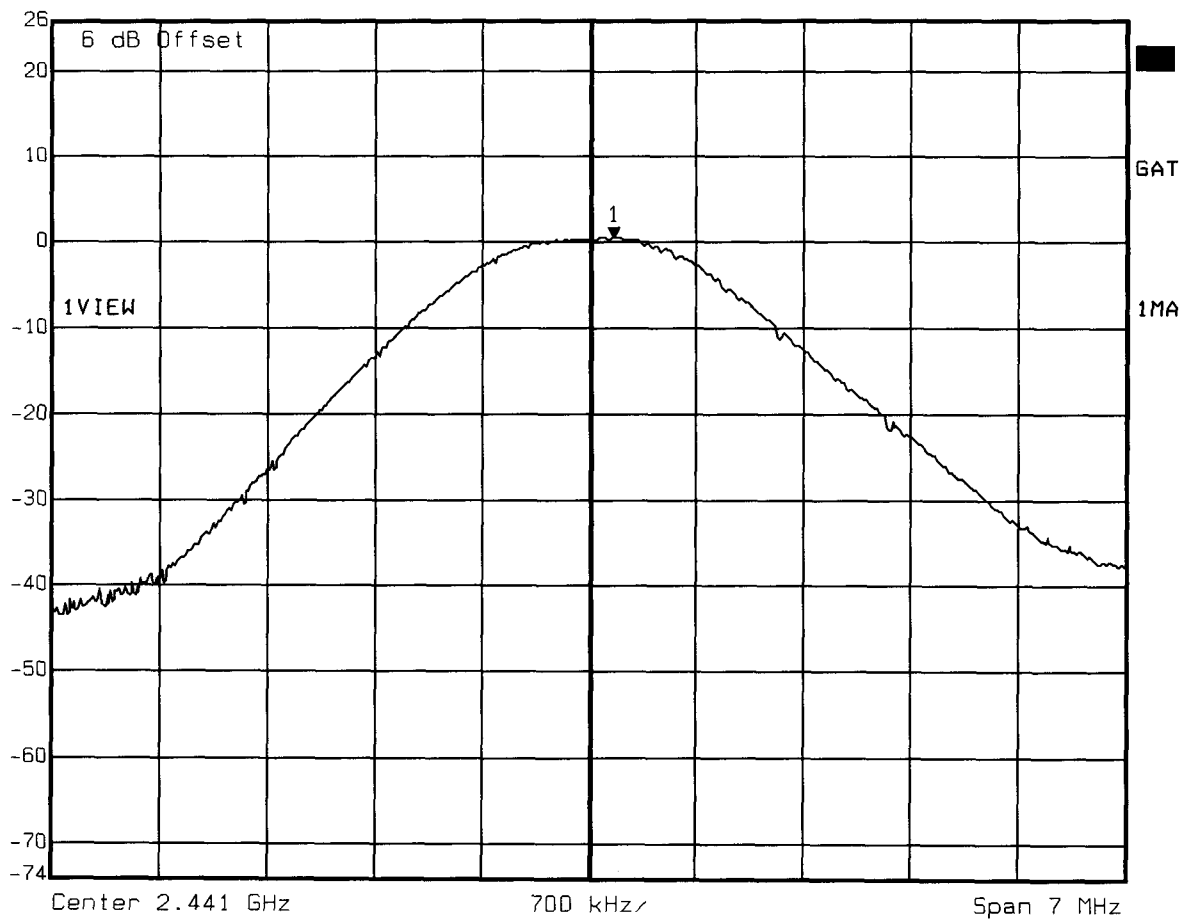
Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl 1.10 dBm VBW 1 MHz
26 dBm 2.40210521 GHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 0 Umax
Comment A: AP1310-BT module
Date: 04.JUL.2005 09:17:07



Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl 0.32 dBm VBW 1 MHz
26 dBm 2.44116132 GHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 39 Unom
Comment A: AP1310-BT module
Date: 04.JUL.2005 09:39:21



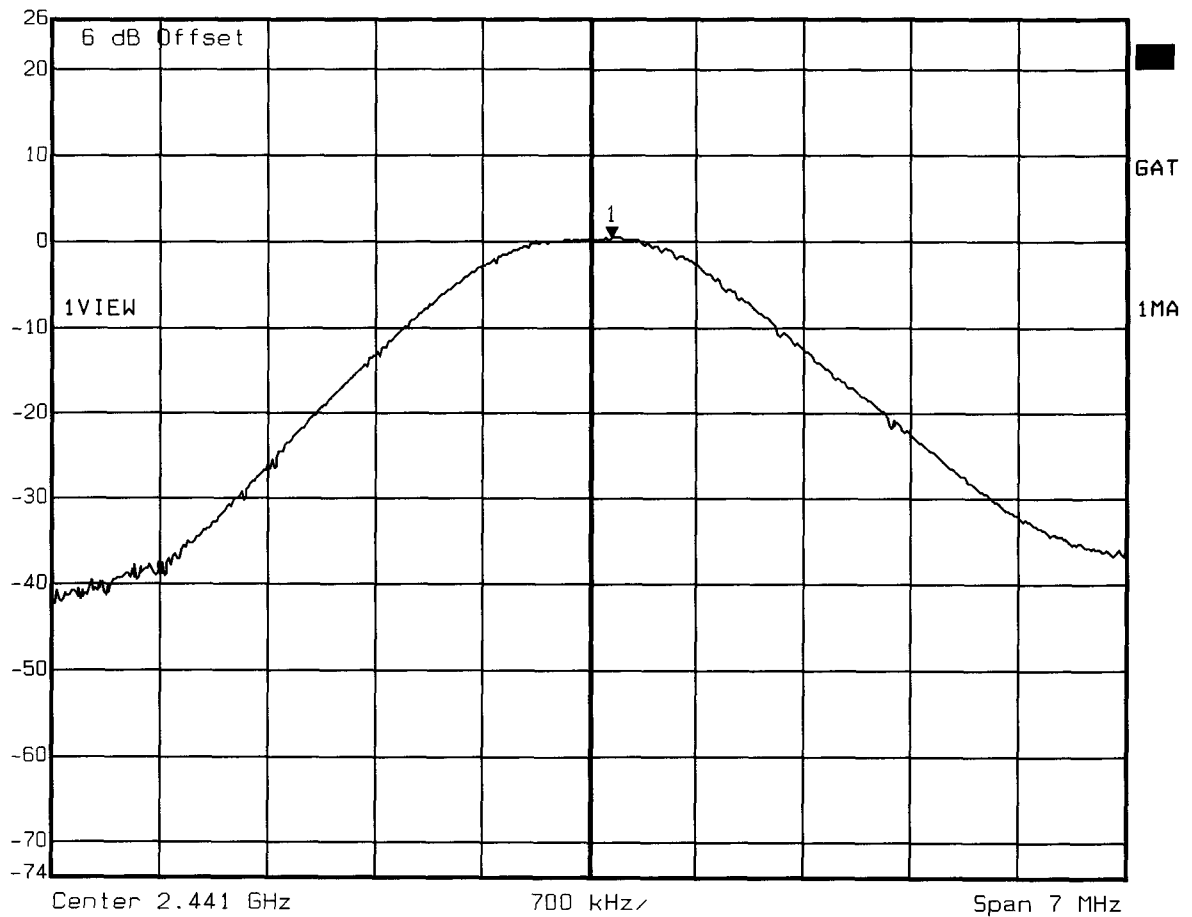
Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl 0.22 dBm VBW 1 MHz
26 dBm 2.44114729 GHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 39 Umin
Comment A: AP1310-BT module
Date: 04.JUL.2005 09:42:55



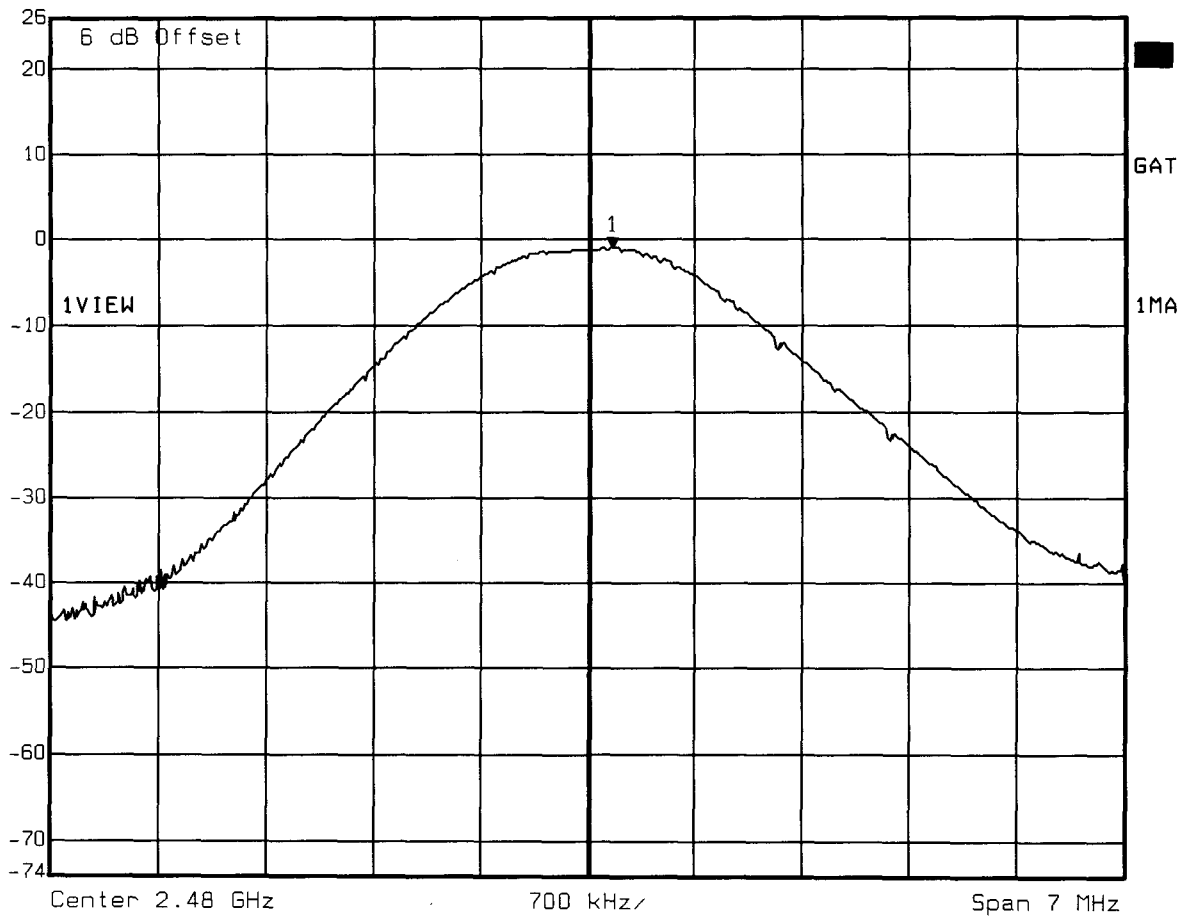
Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl 0.30 dBm VBW 1 MHz
26 dBm 2.44114729 GHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 39 Umax
Comment A: AP1310-BT module
Date: 04.JUL.2005 09:22:25



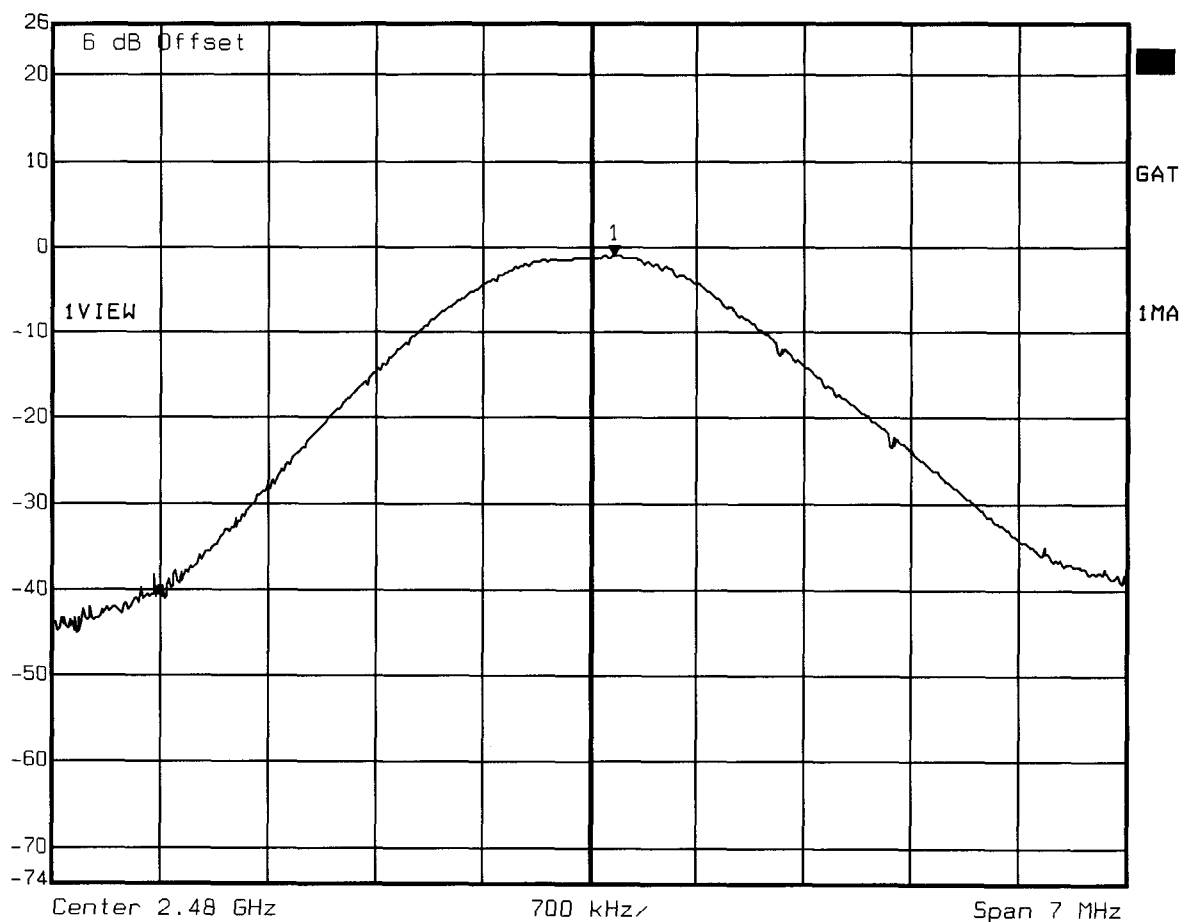
Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl -1.20 dBm VBW 1 MHz
26 dBm 2.48016132 GHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 78 Unom
Comment A: AP1310-BT module
Date: 04.JUL.2005 09:38:14



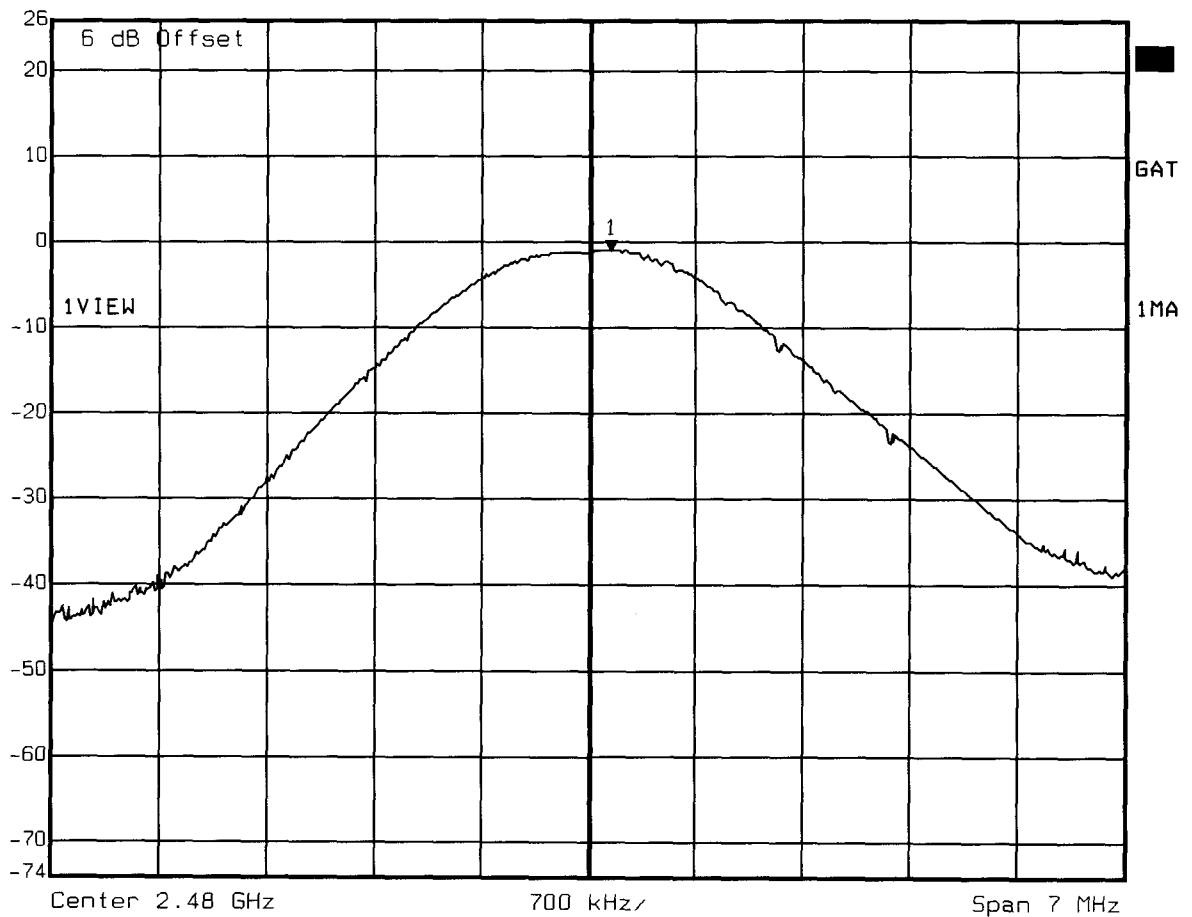
Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl -1.18 dBm VBW 1 MHz
26 dBm 2.48016132 GHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 78 Umin
Comment A: AP1310-BT module
Date: 04.JUL.2005 09:43:38



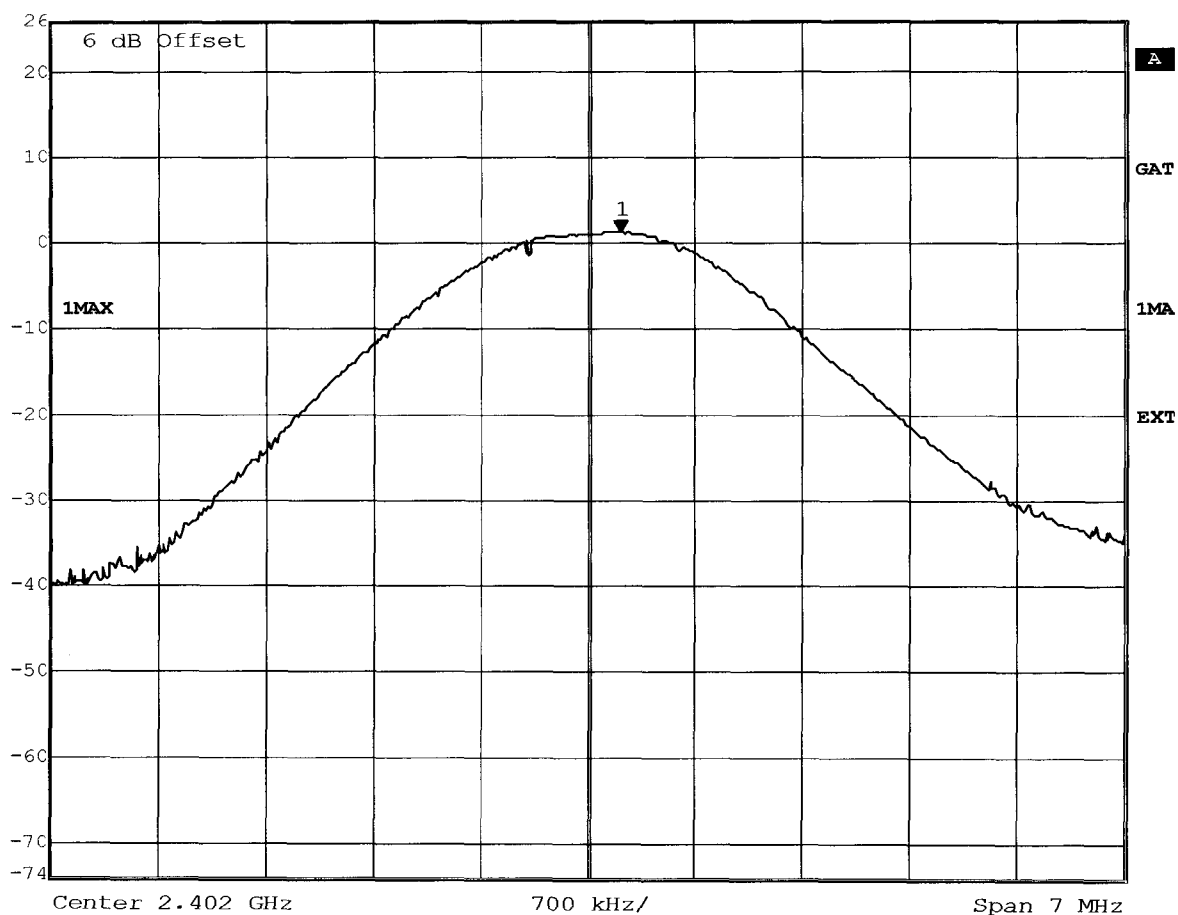
Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl -1.09 dBm VBW 1 MHz
26 dBm 2.48014729 GHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 78 Umax
Comment A: AP1310-BT module
Date: 04.JUL.2005 09:23:26



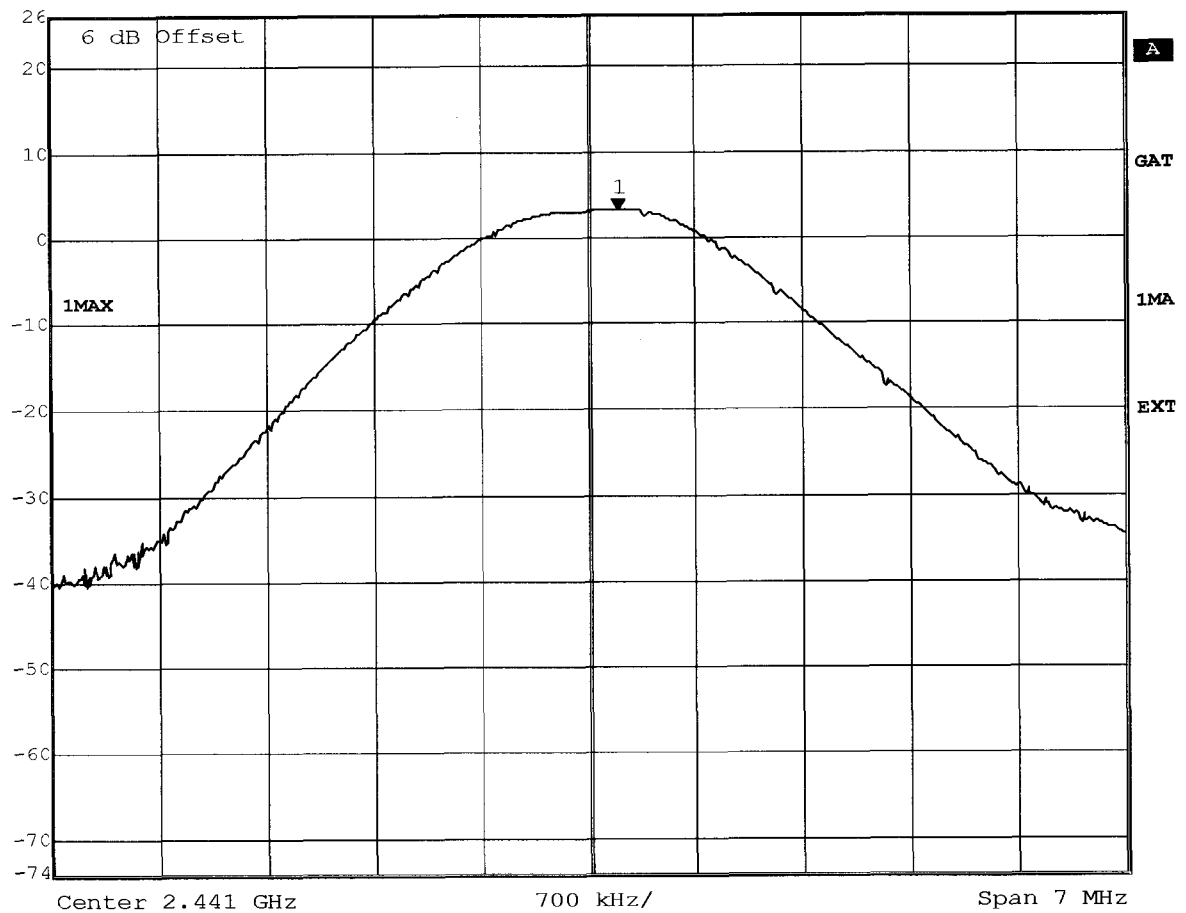
Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl 1.07 dBm VBW 1 MHz
26 dBm 2.40221743 GHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 0
Comment A: AP1310-BT module
Date: 1.JUL.2005 11:12:52



Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl 3.15 dBm VBW 1 MHz
26 dBm 2.44120341 GHz SWT 5 ms Unit dBm



Title: Peak Output Power conducted Ch.: 39
Comment A: AP1310-BT module
Date: 1.JUL.2005 11:12:01

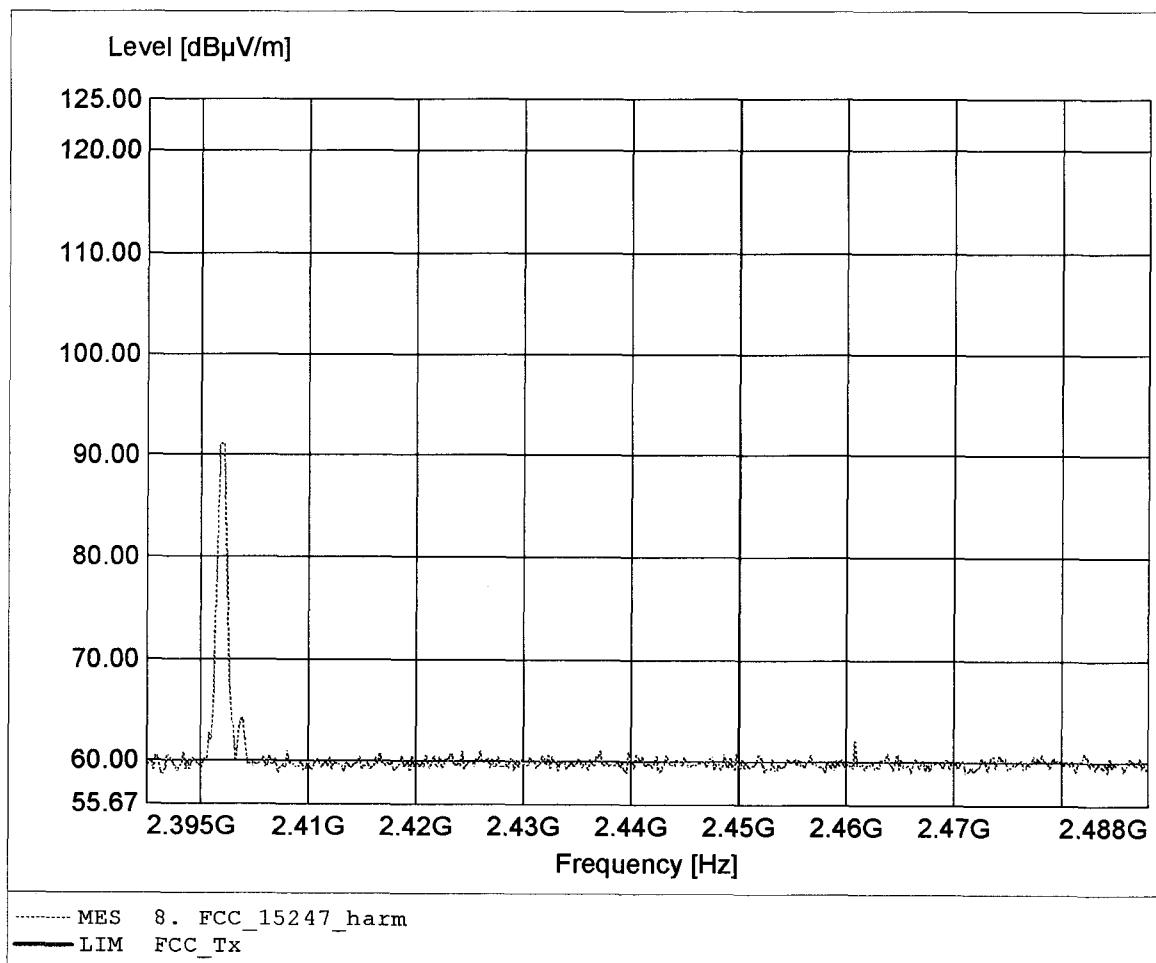
Appendix C

Spurious Emissions radiated - Transmitter operating

Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

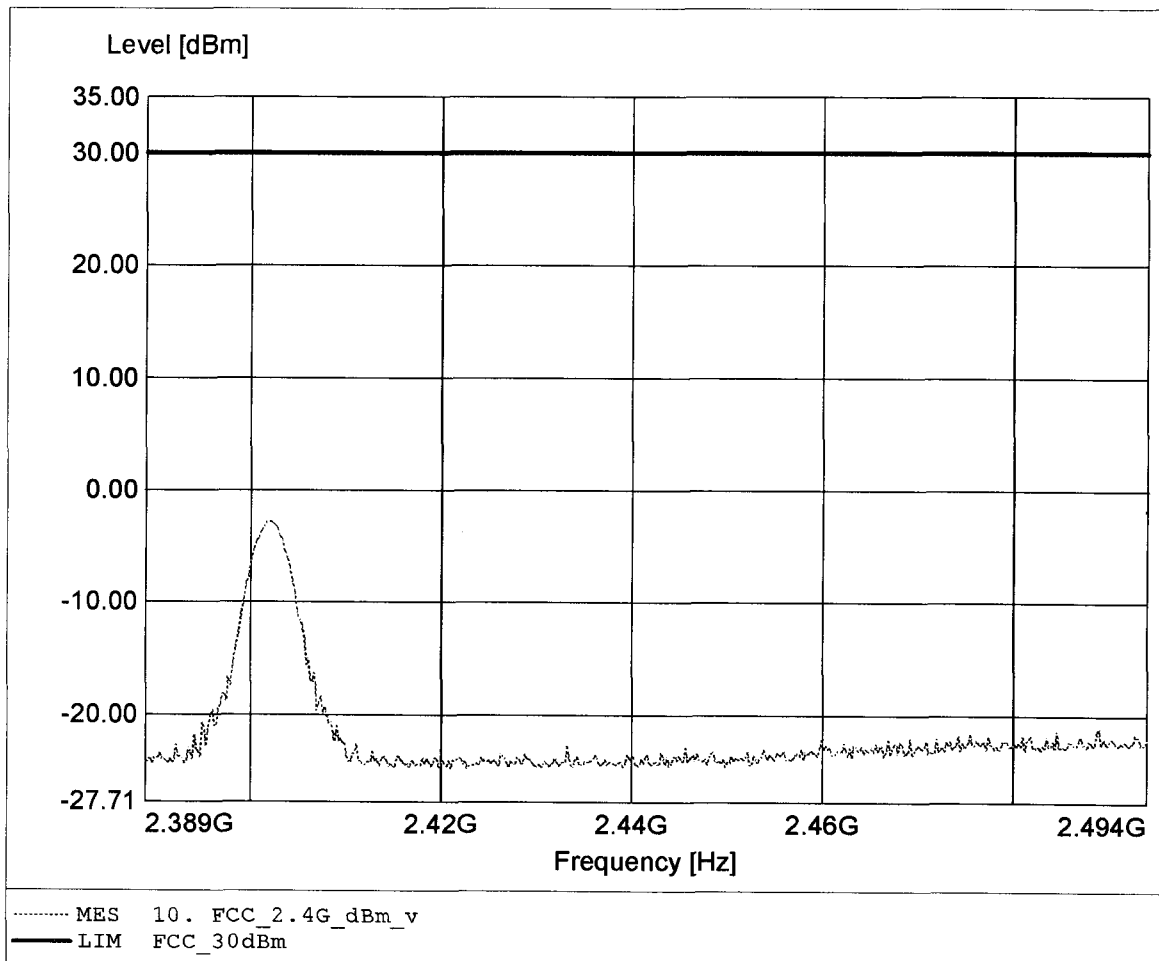
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Emax: 91.16dBµV/m, RBW: 100kHz



Carrier power (dBm)

FCC RULES PART 15, SUBPART C

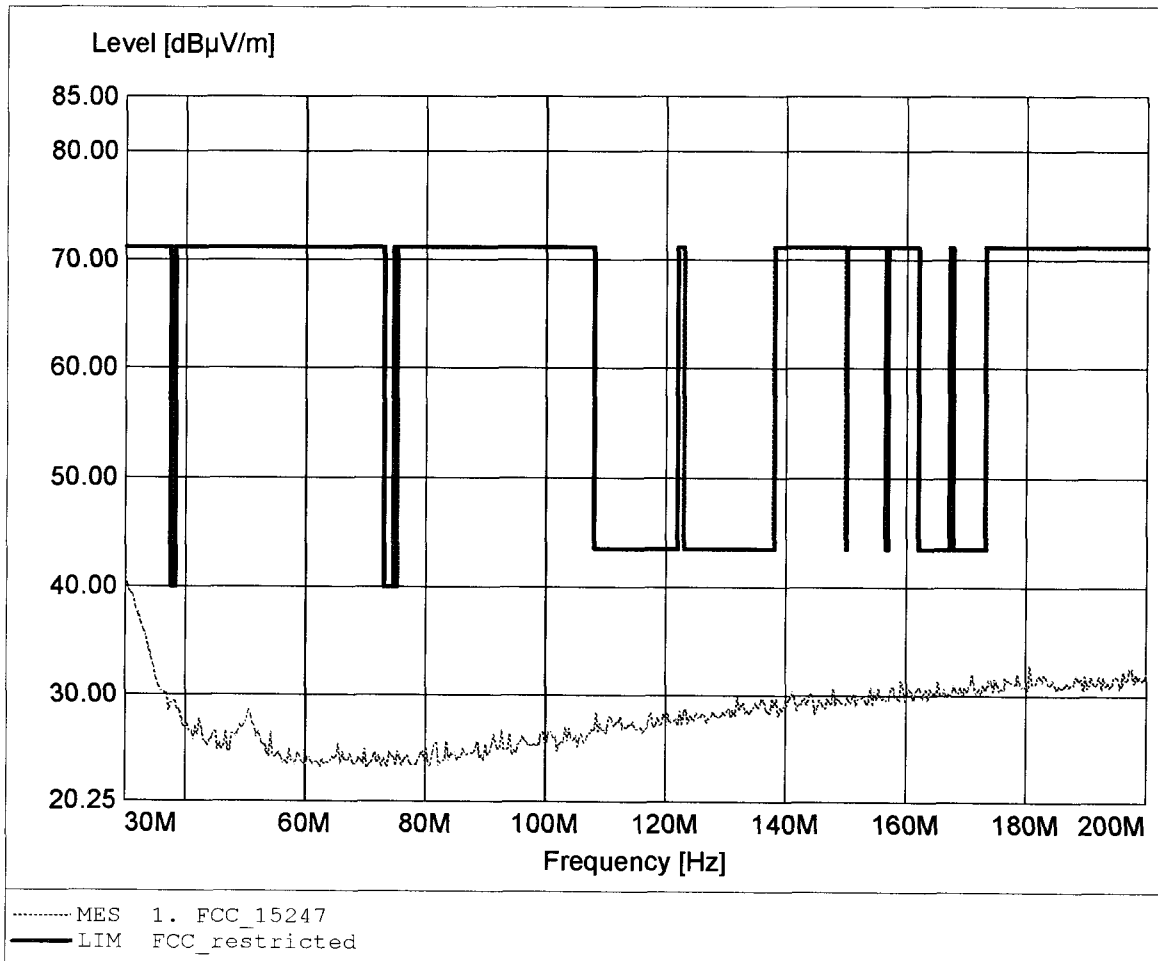
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: -2.78dBm, RBW: 5MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

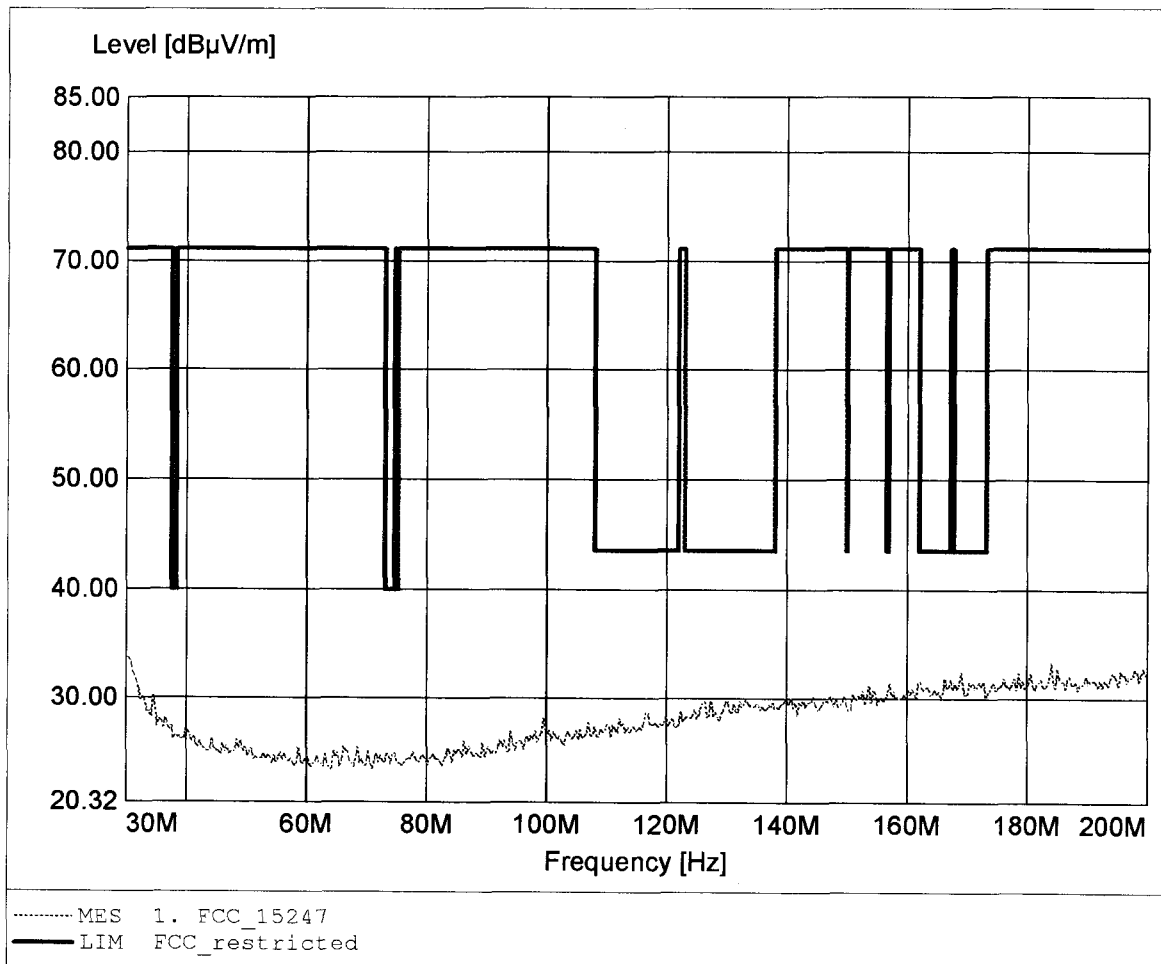
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 30.000MHz, Emax: 40.85dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

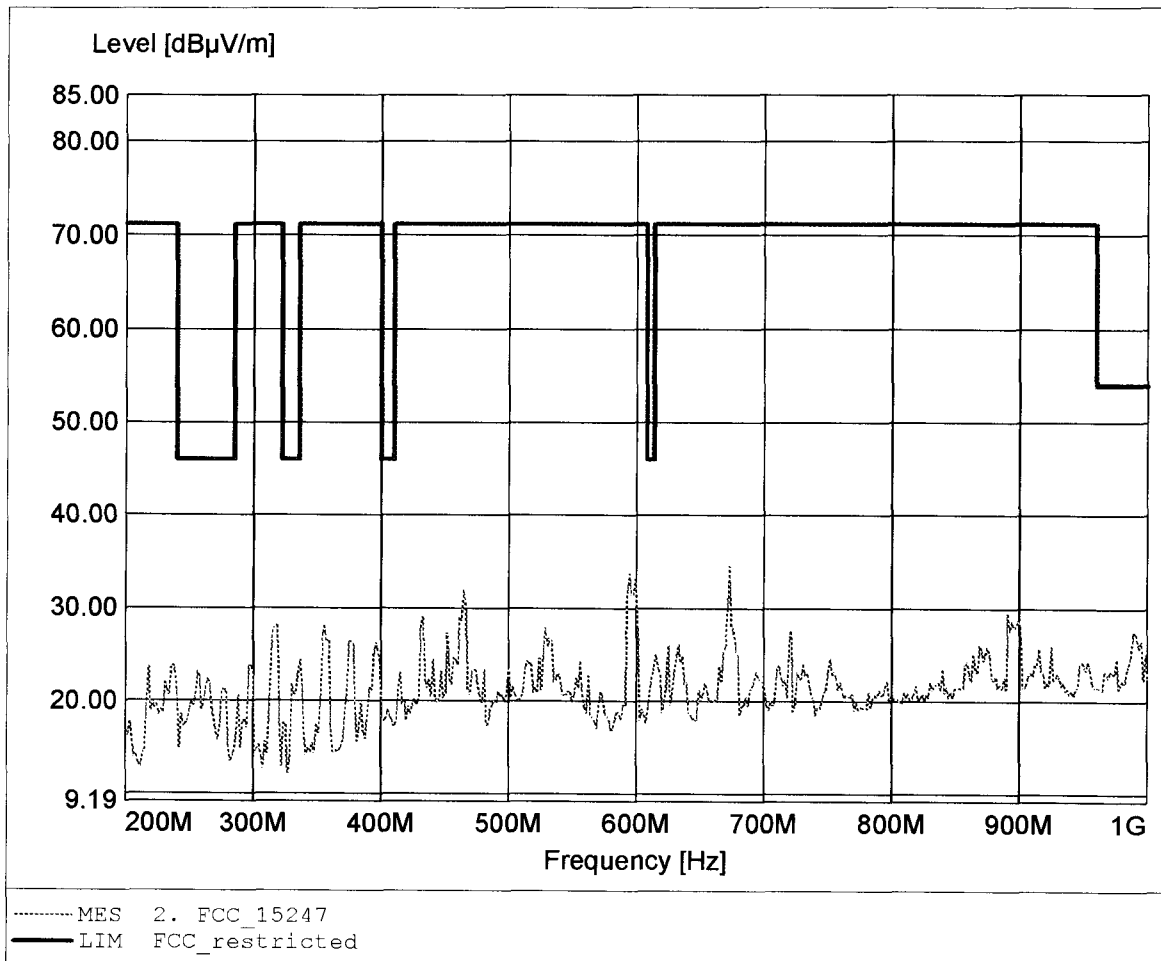
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 30.341MHz, Emax: 33.70dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

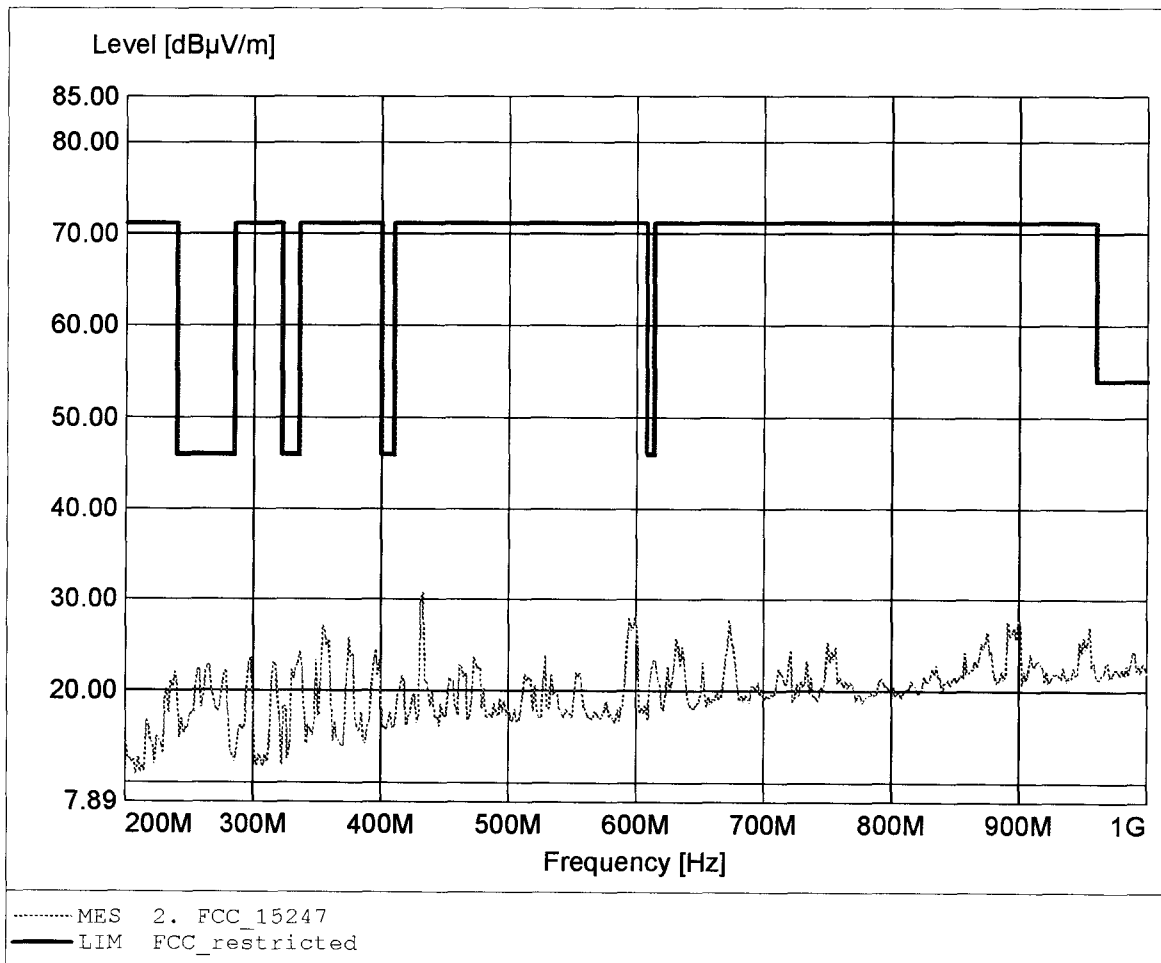
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 672.946MHz, Emax: 34.54dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

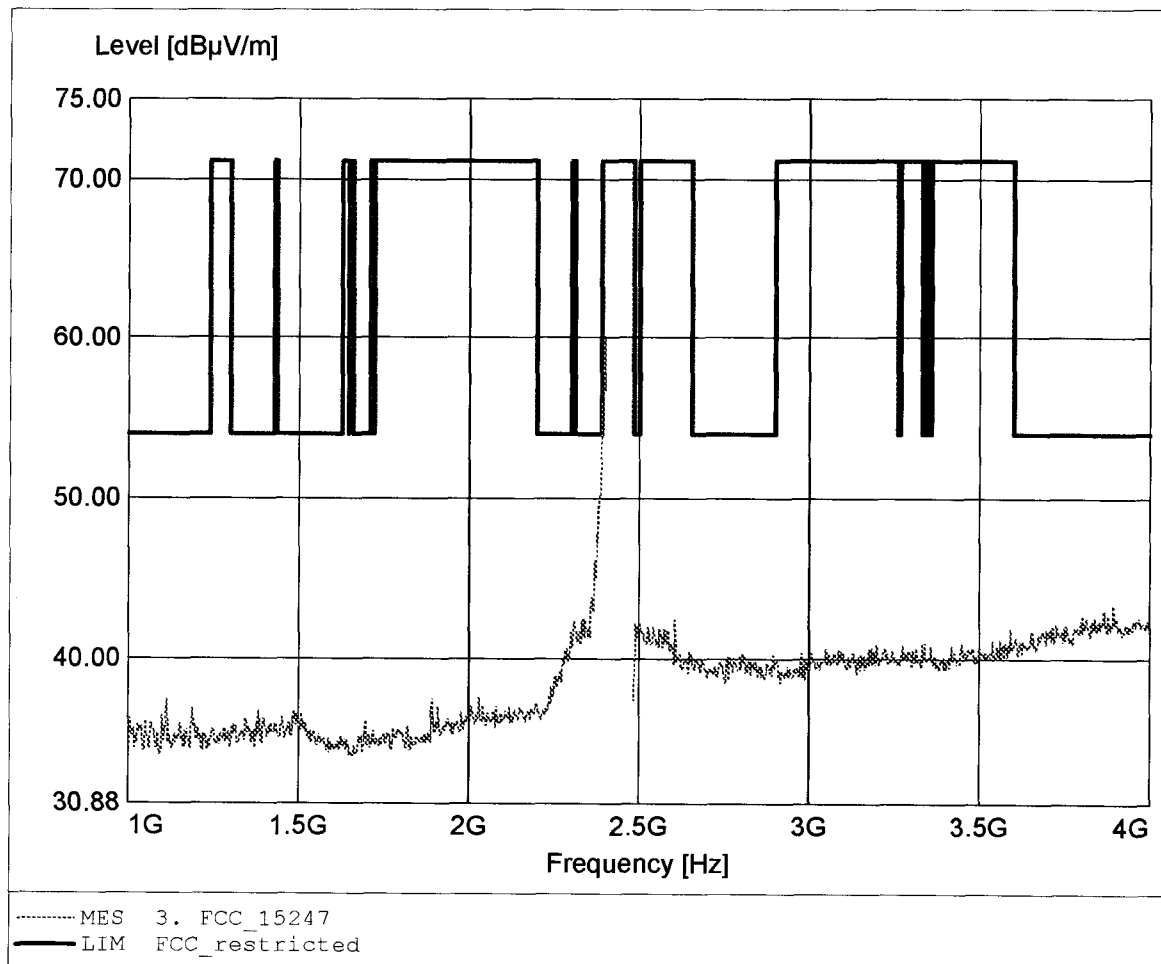
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 432.465MHz, Emax: 30.75dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

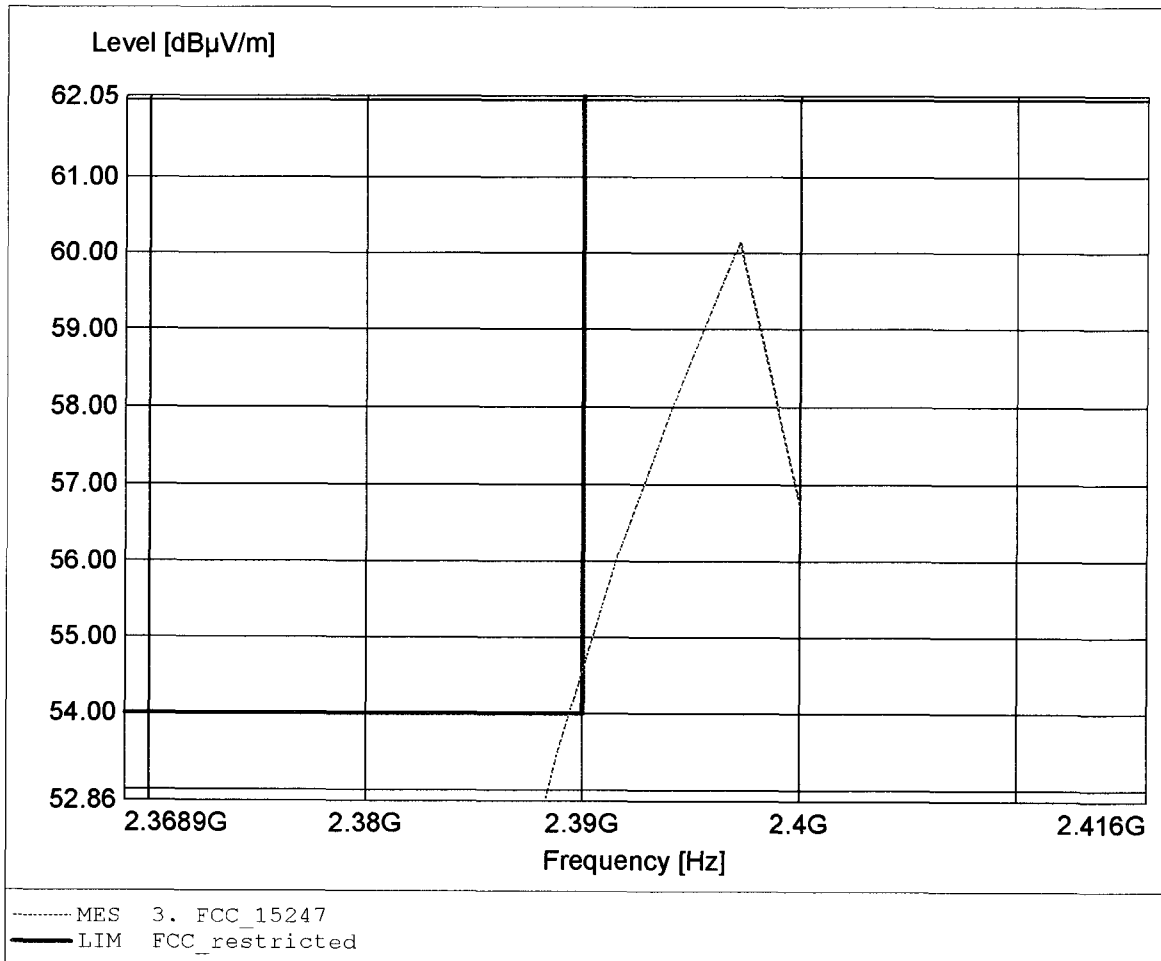
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.397GHz, Emax: 60.14dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

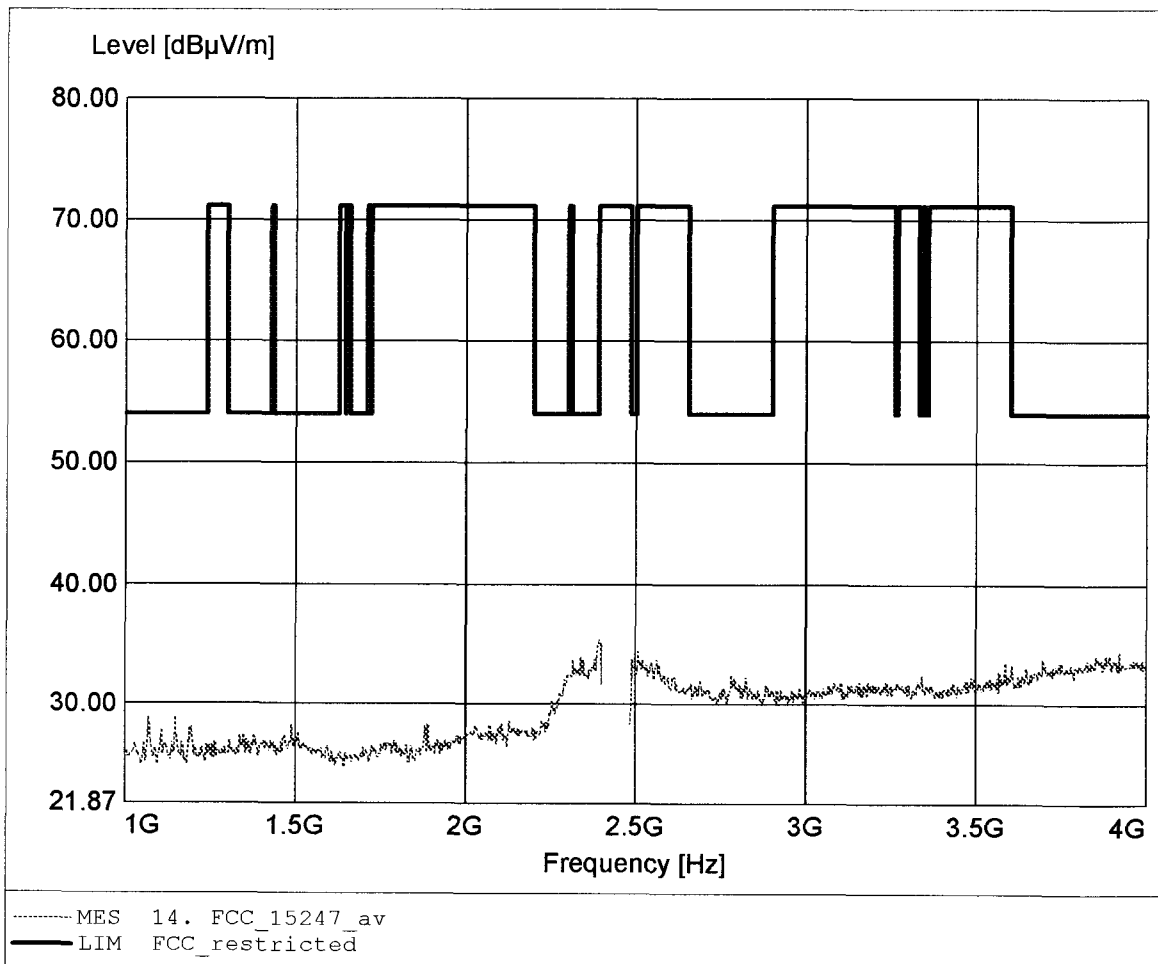
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.397GHz, Emax: 60.14dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

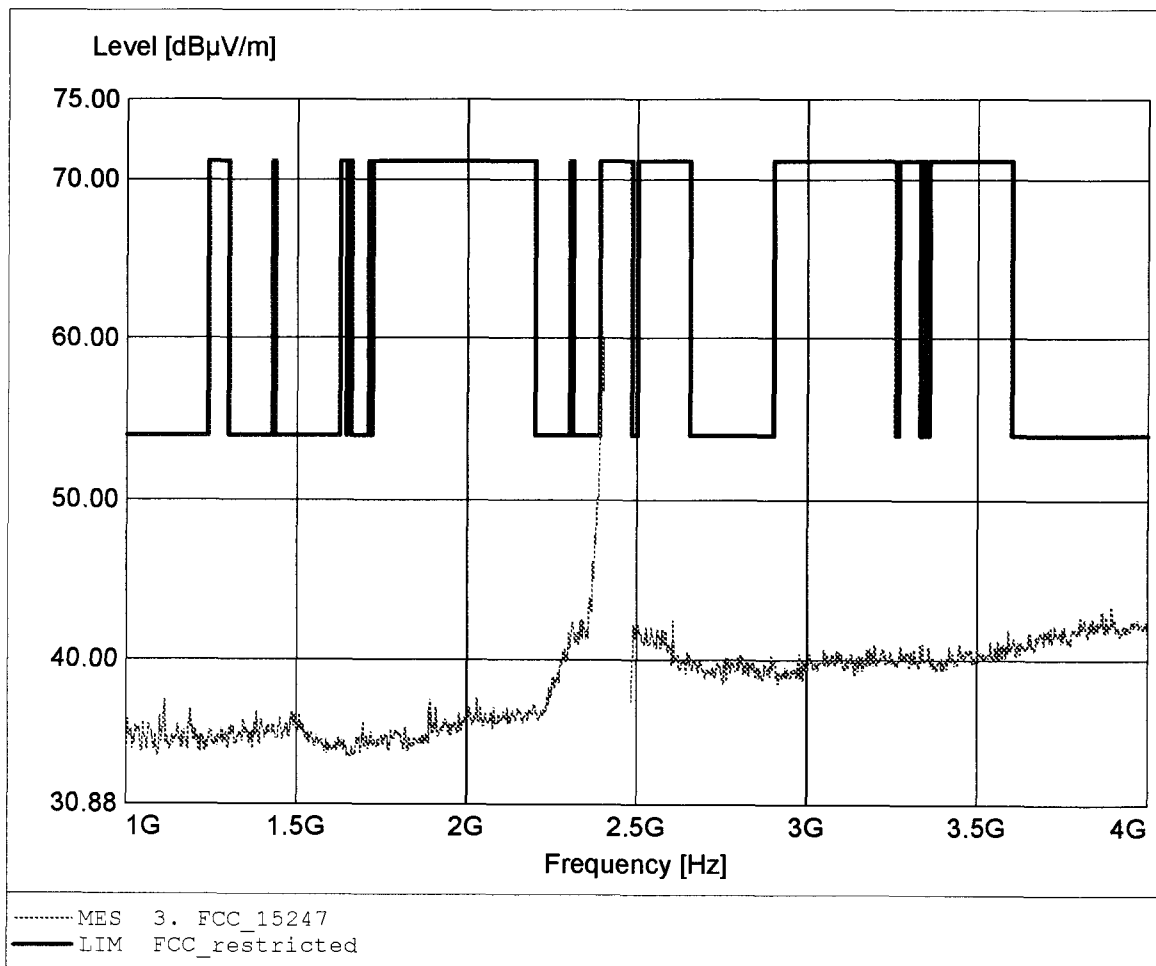
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to S15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.395GHz, Emax: 35.37dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

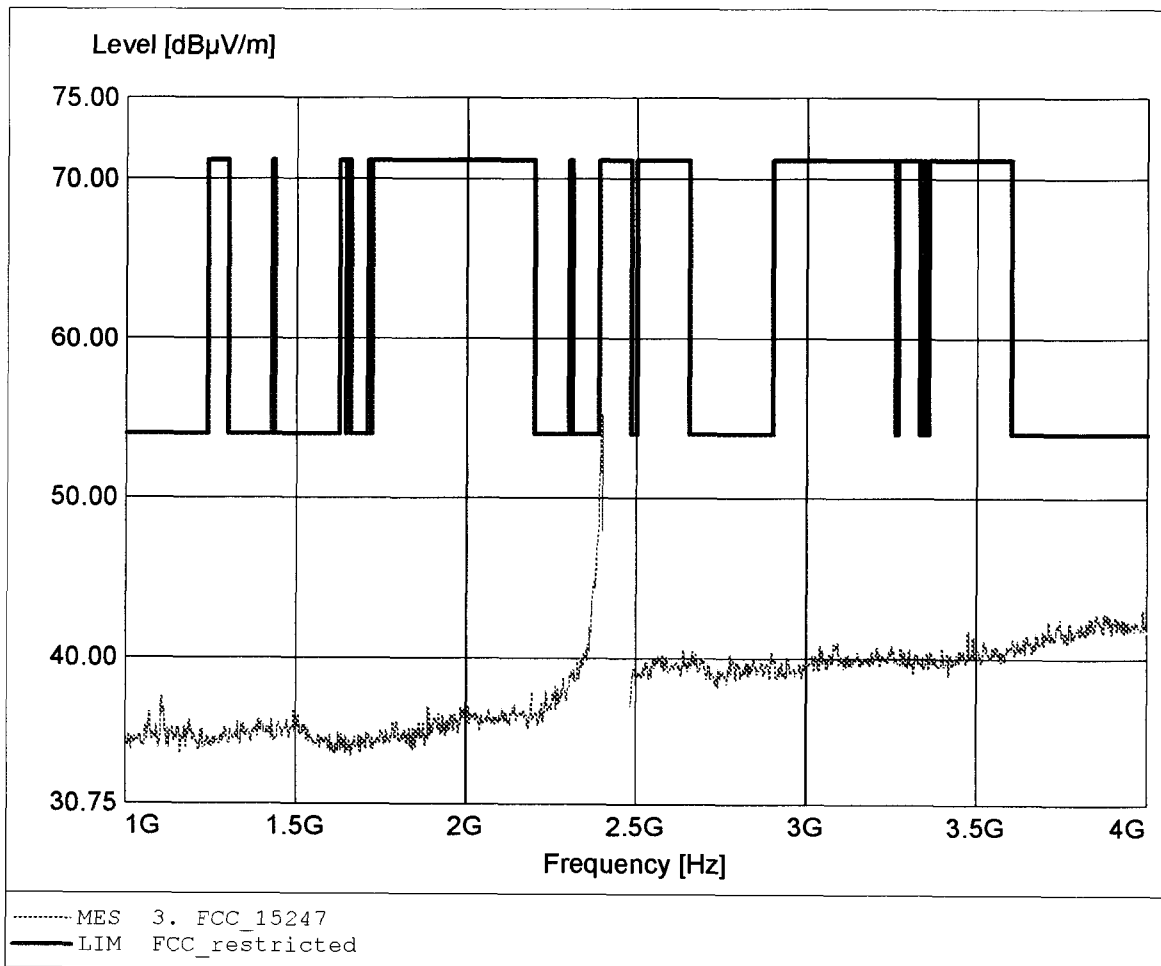
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.397GHz, Emax: 60.14dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

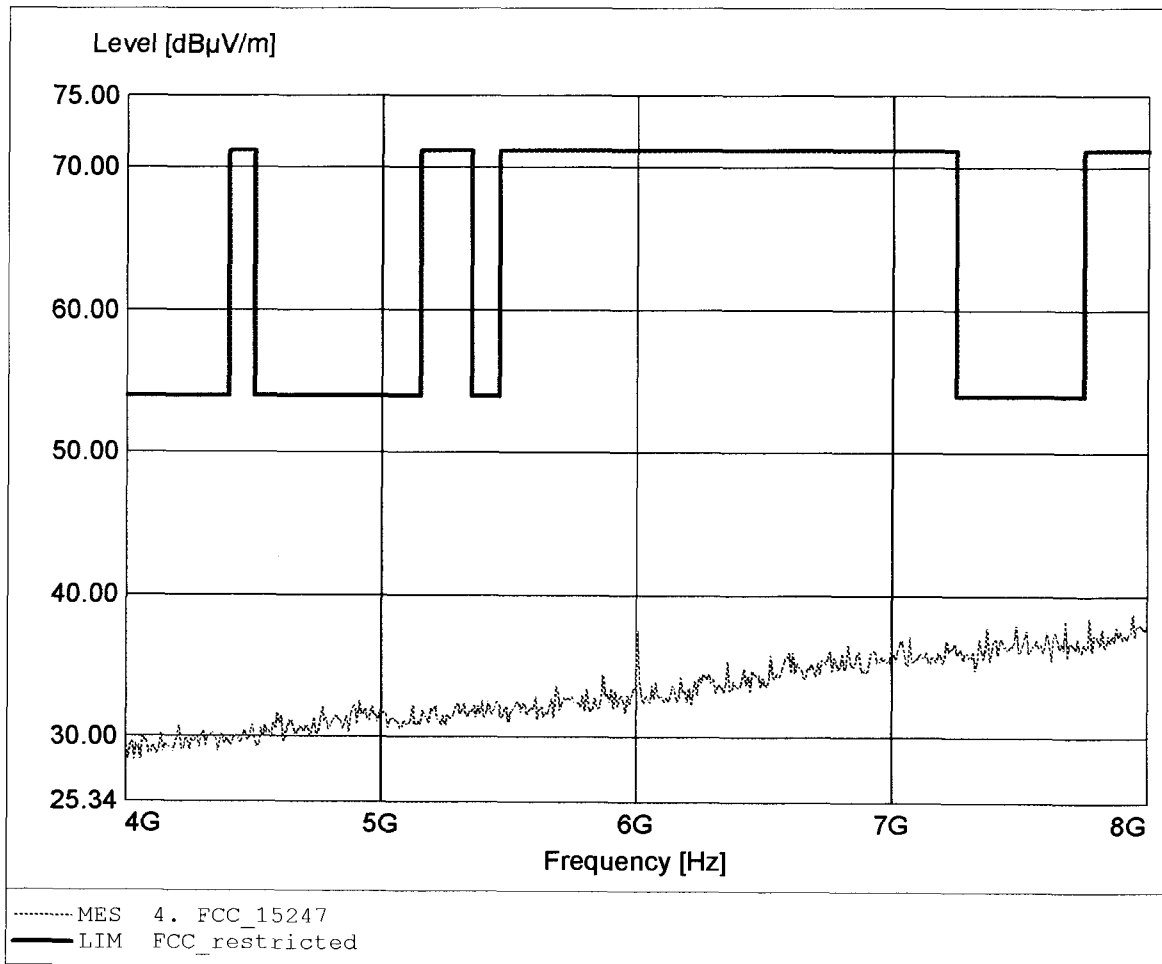
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.397GHz, Emax: 55.27dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

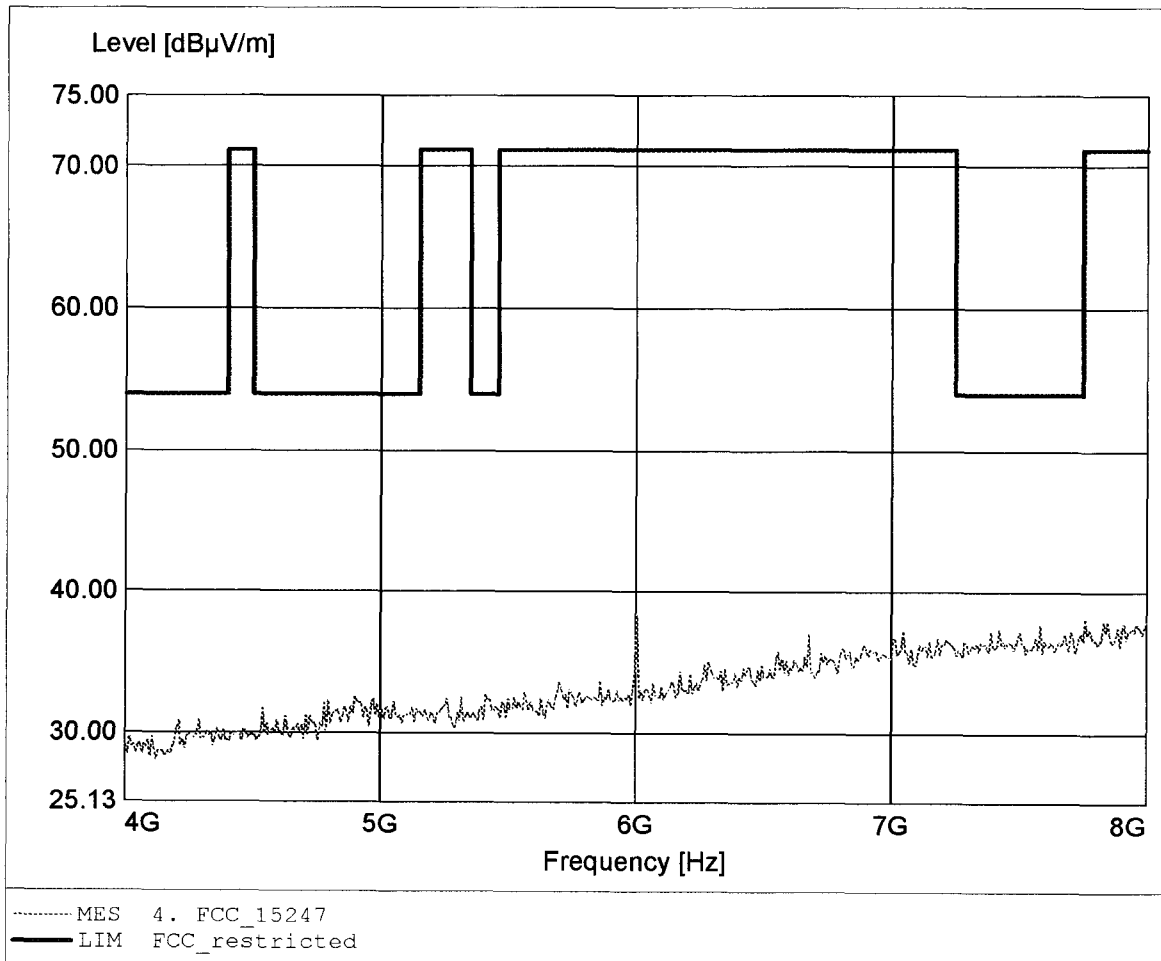
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.944GHz, Emax: 38.75dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

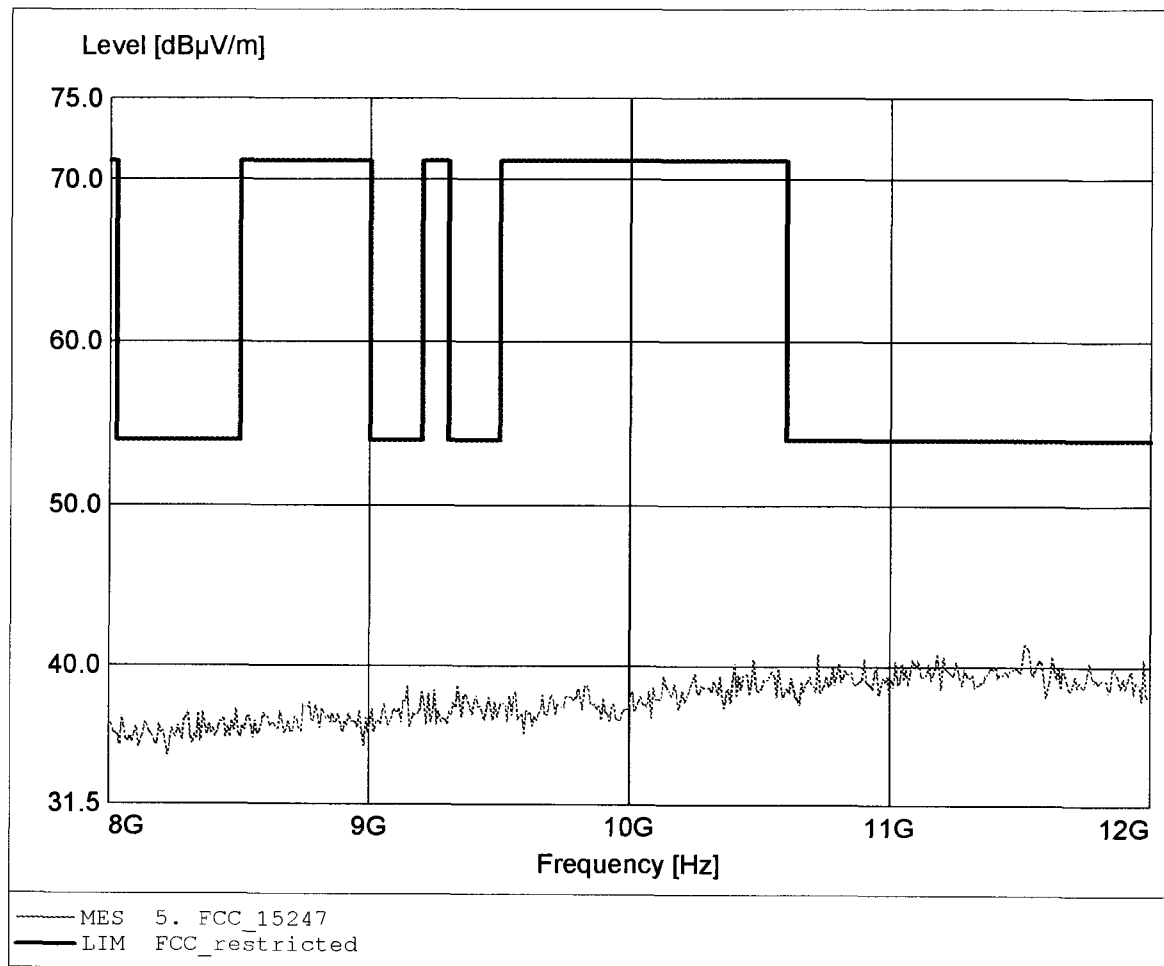
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 6.004GHz, Emax: 38.42dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

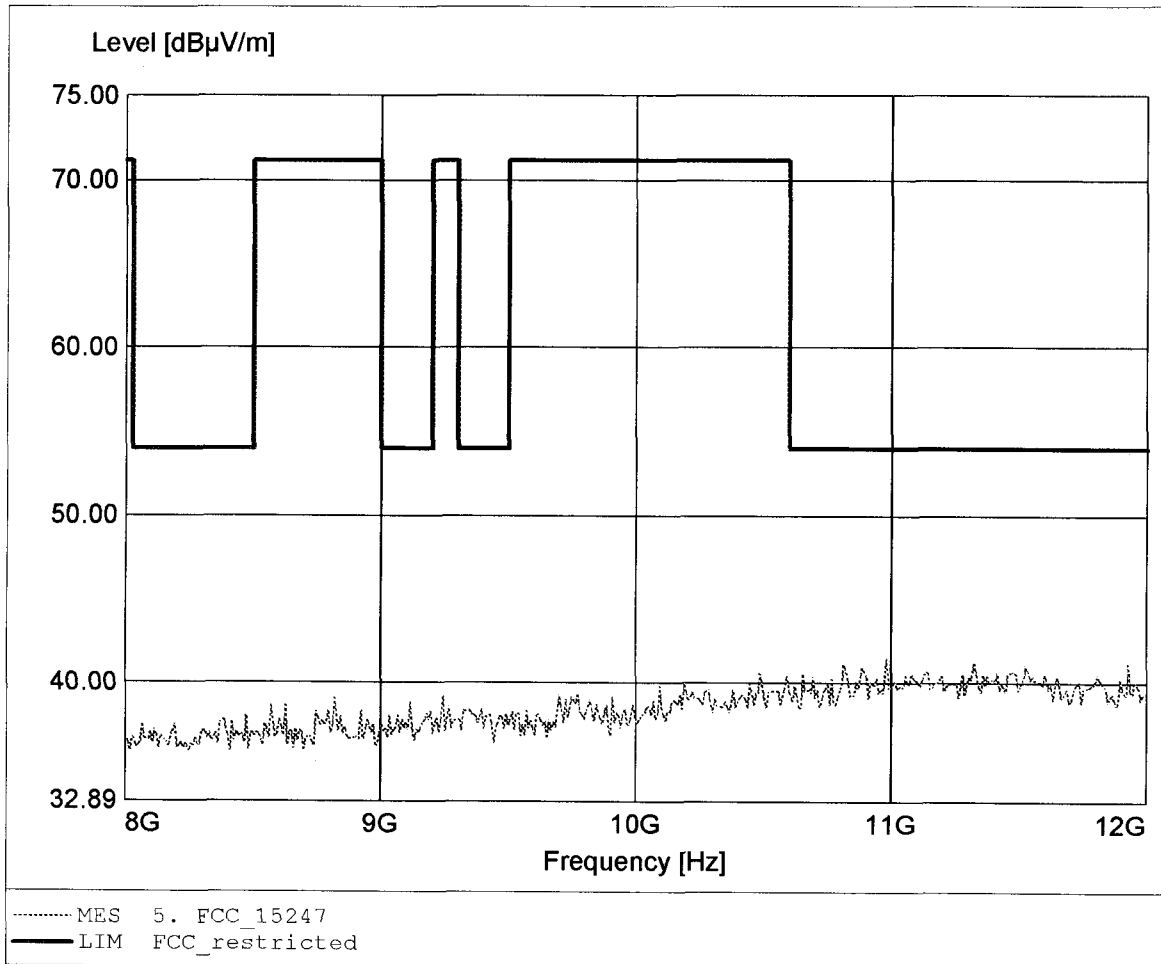
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.519GHz, Emax: 41.54dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

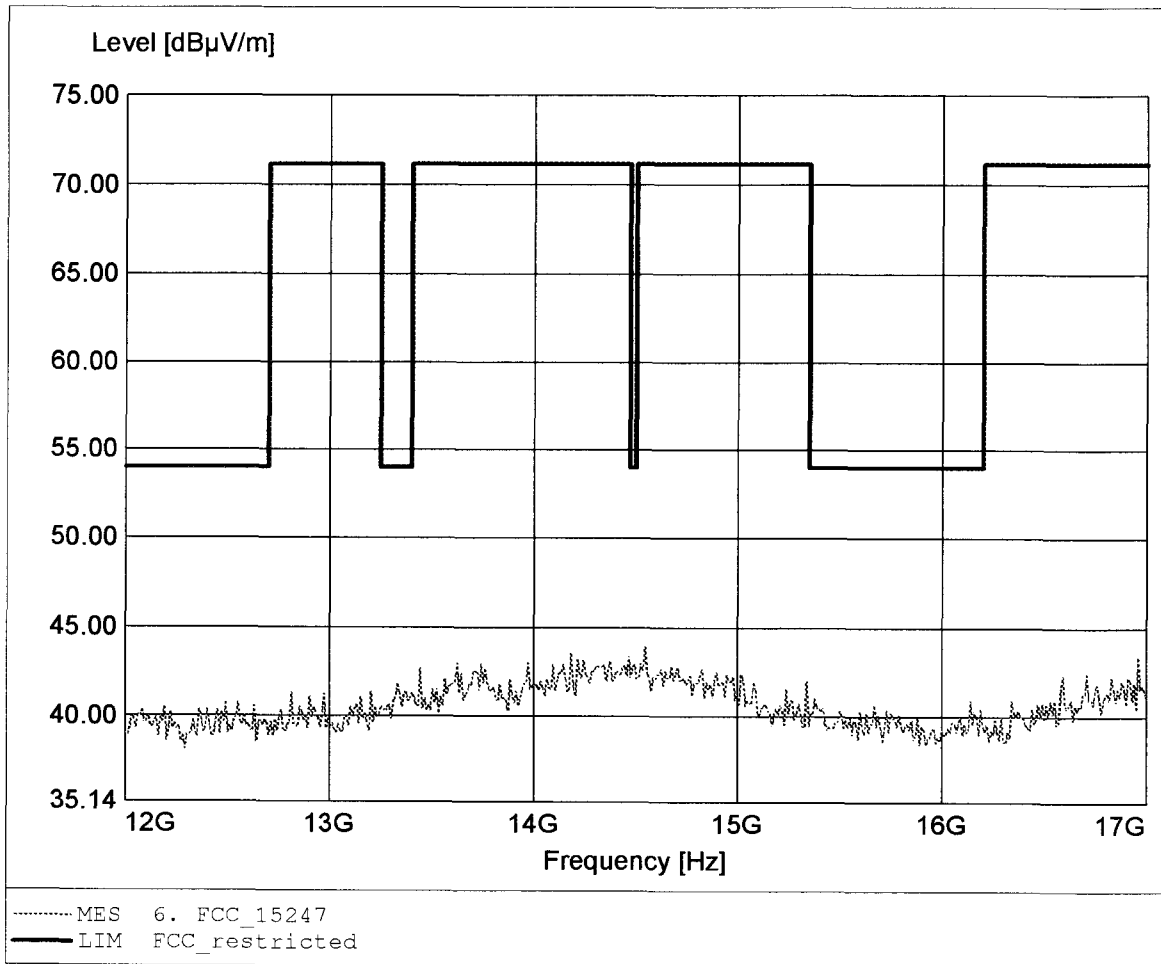
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 10.982GHz, Emax: 41.52dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

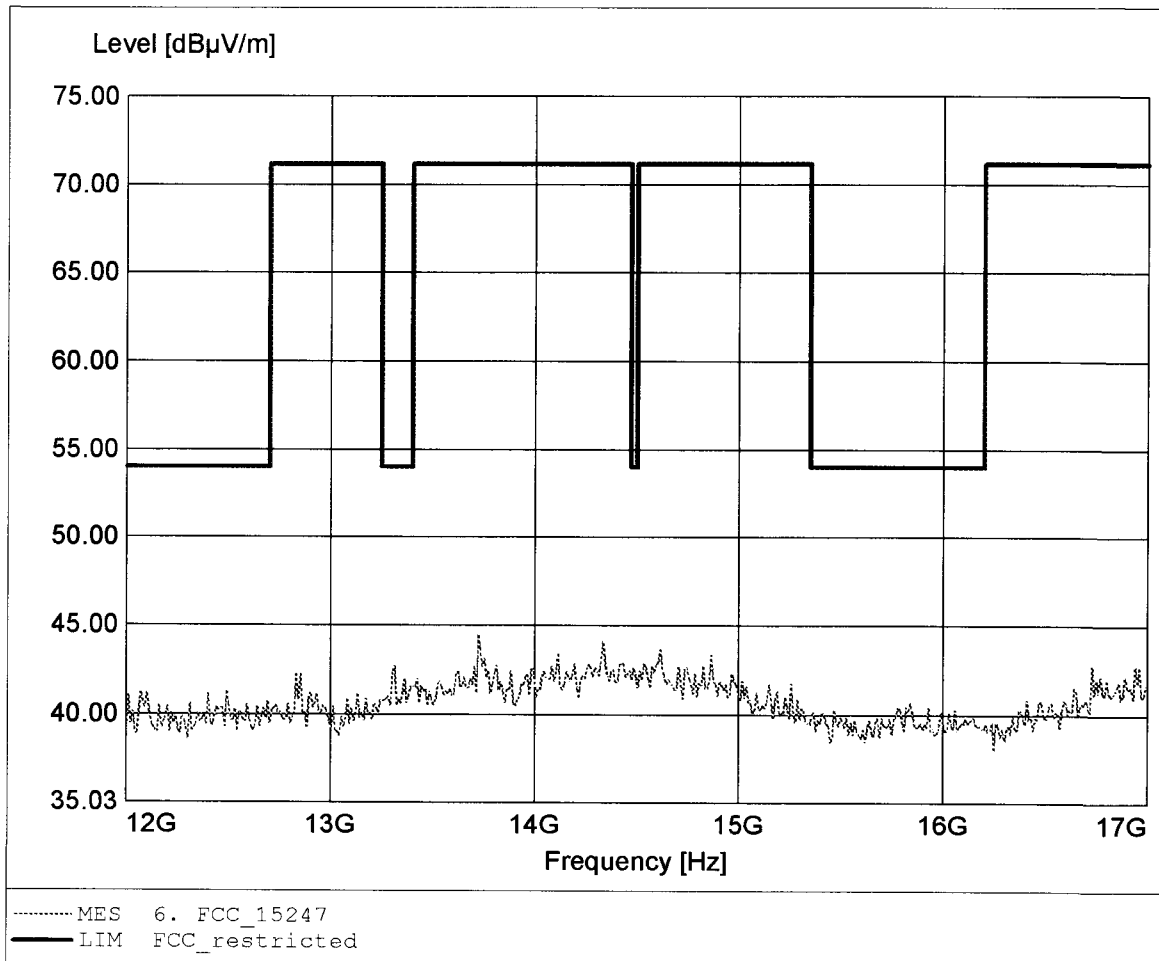
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.545GHz, Emax: 43.94dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

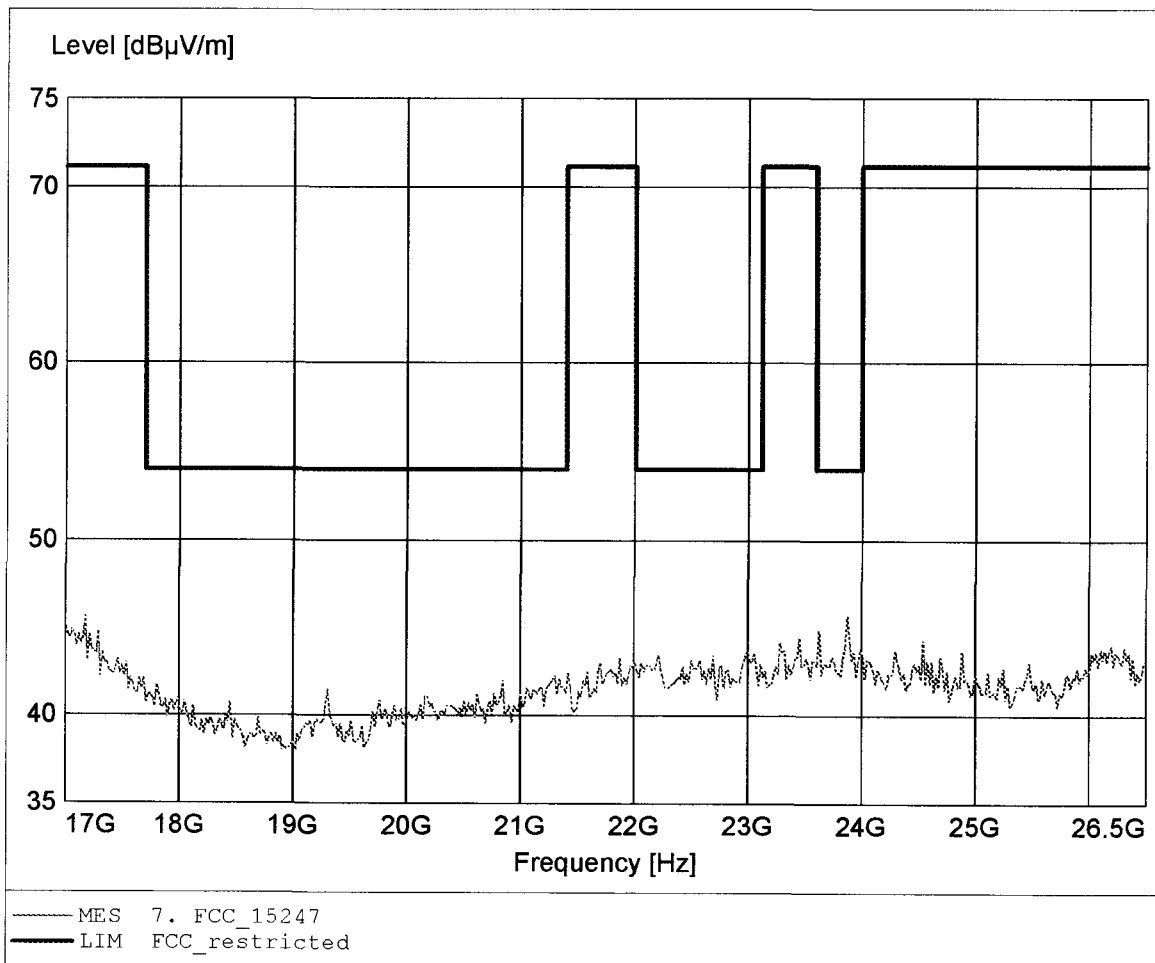
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 13.723GHz, Emax: 44.46dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

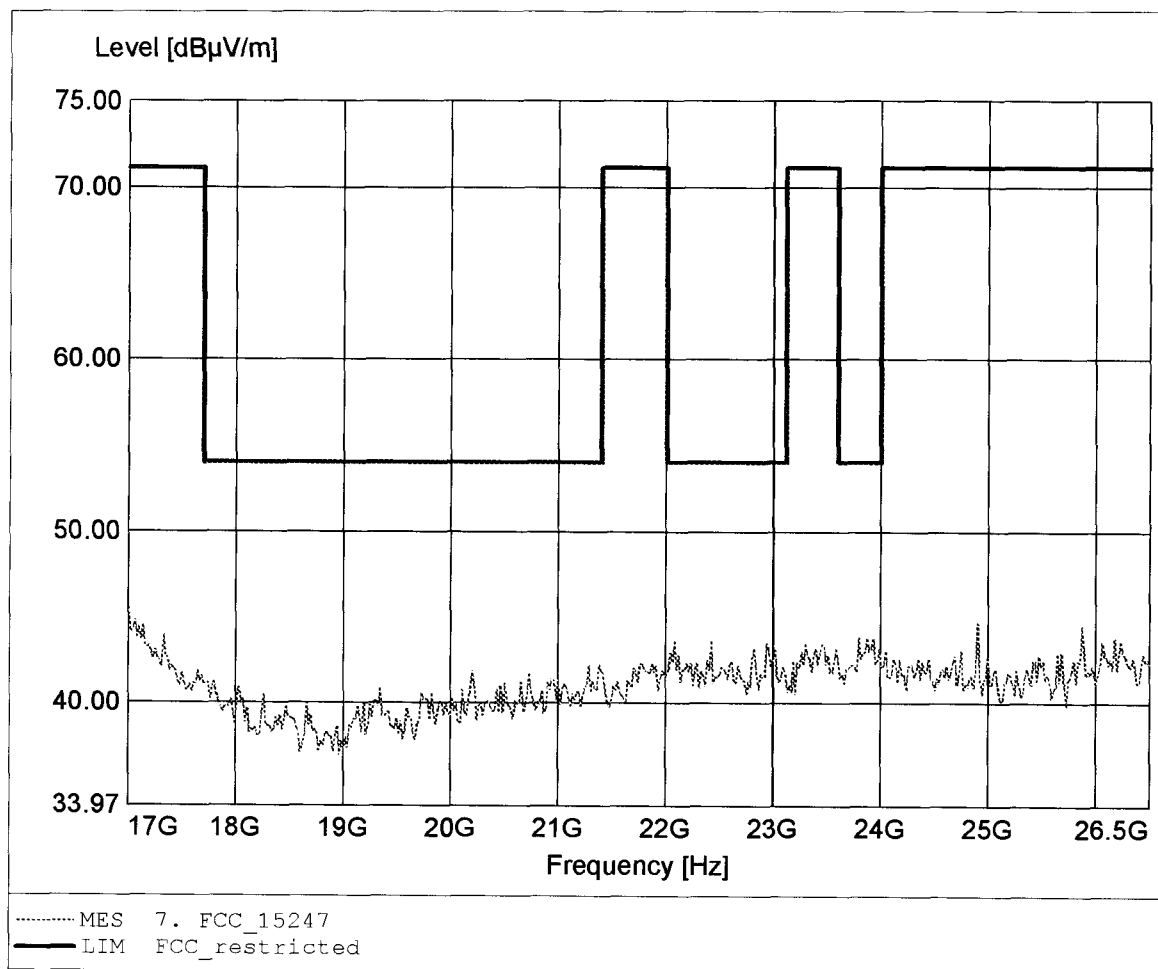
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 23.873GHz, Emax: 45.72dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

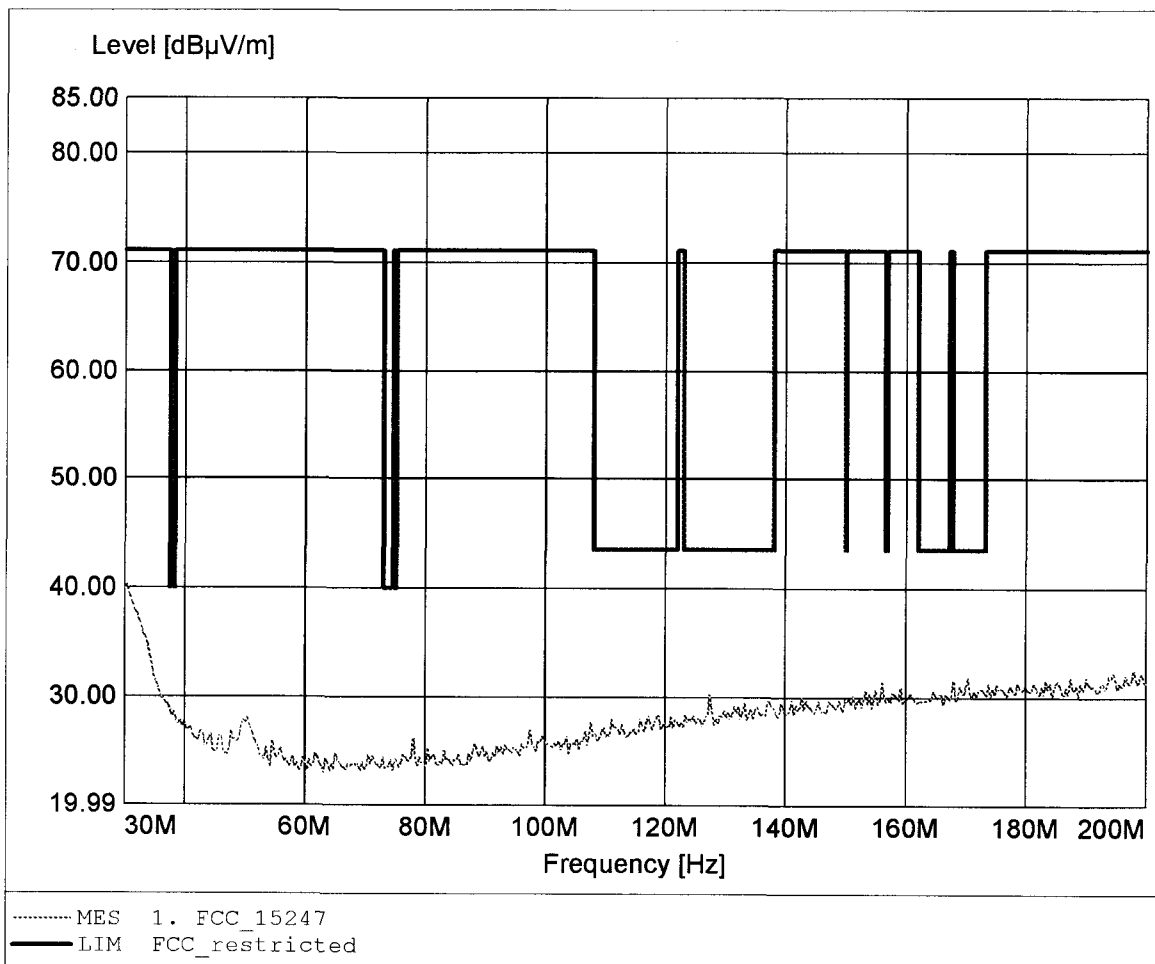
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2402 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.000GHz, Emax: 45.58dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

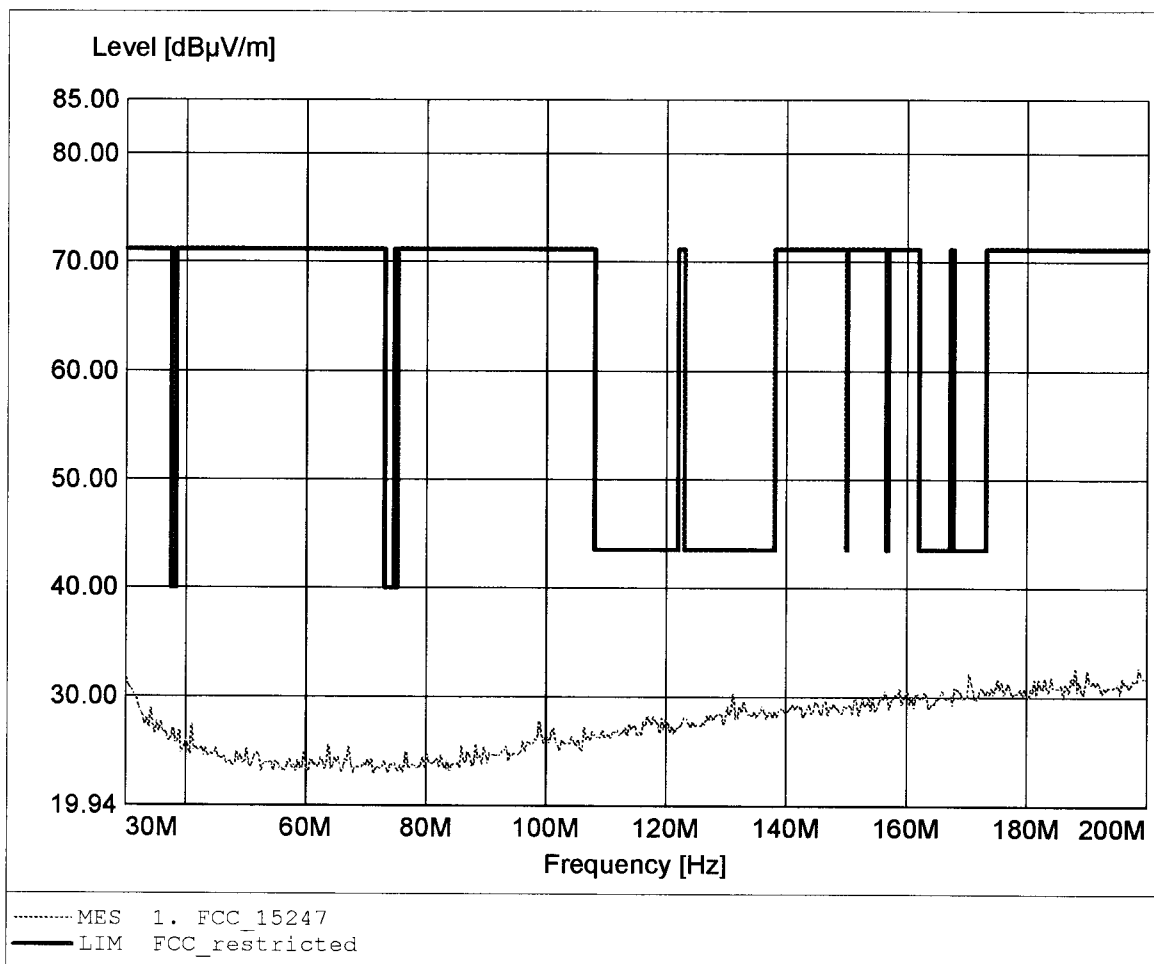
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2441 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 30.341MHz, Emax: 40.36dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

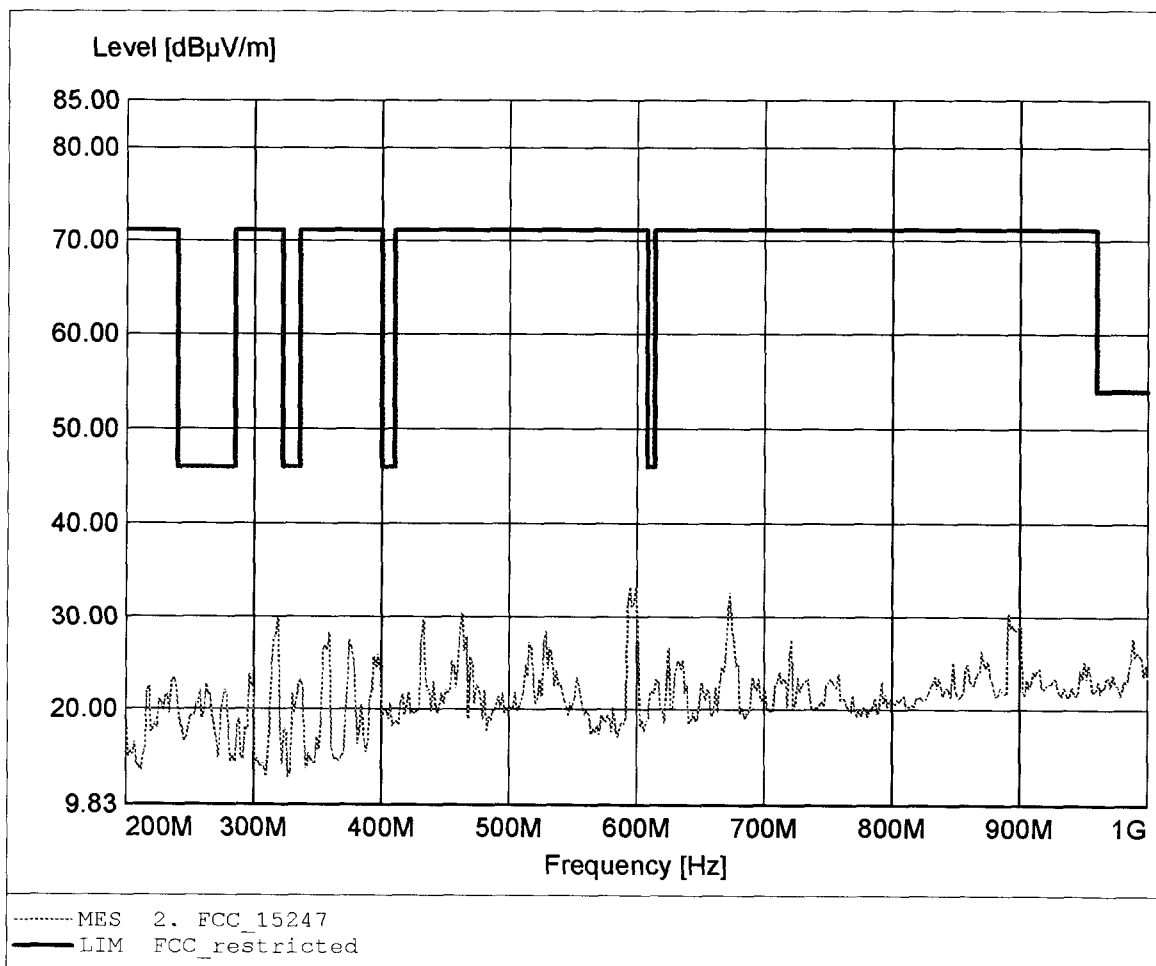
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2441 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 198.637MHz, Emax: 32.69dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

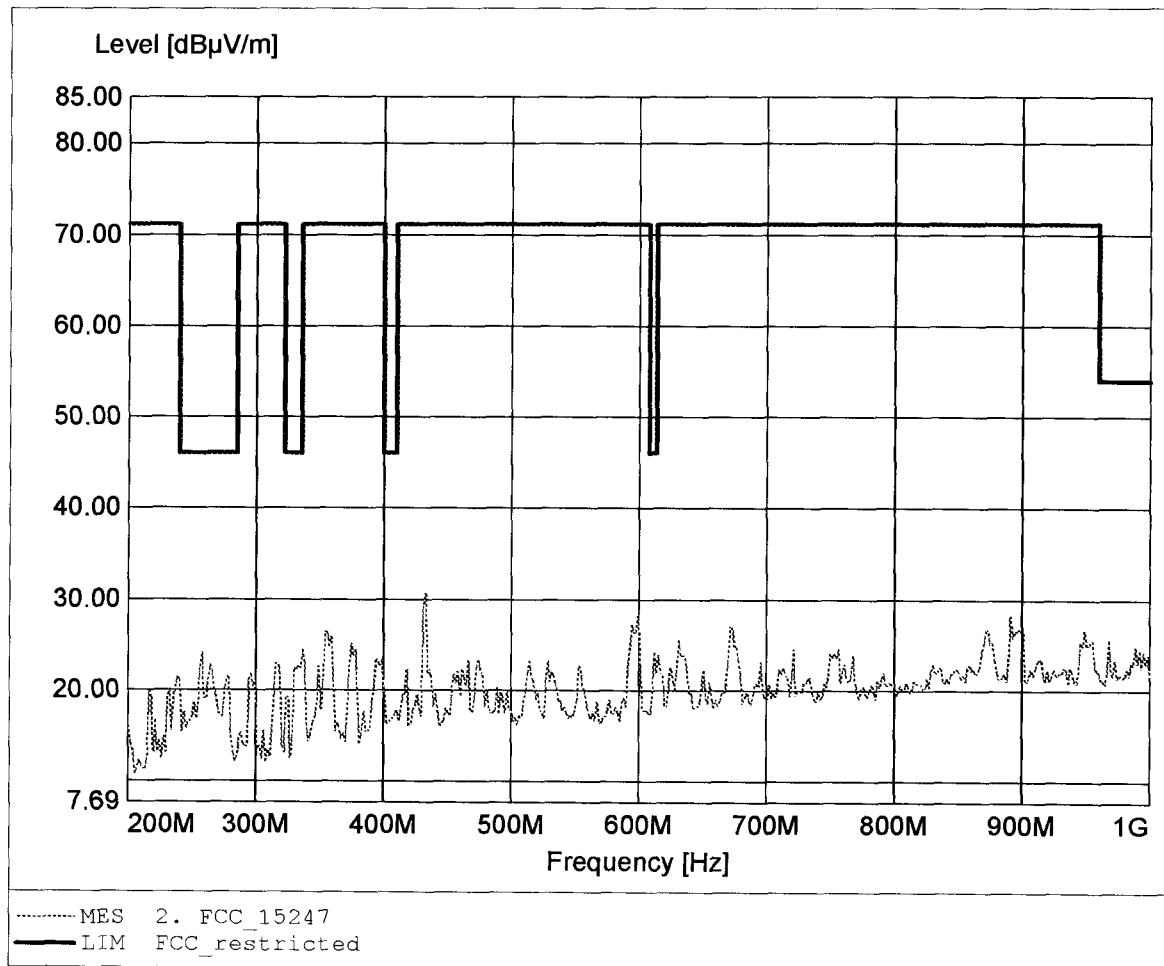
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2441 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 594.389MHz, Emax: 33.49dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

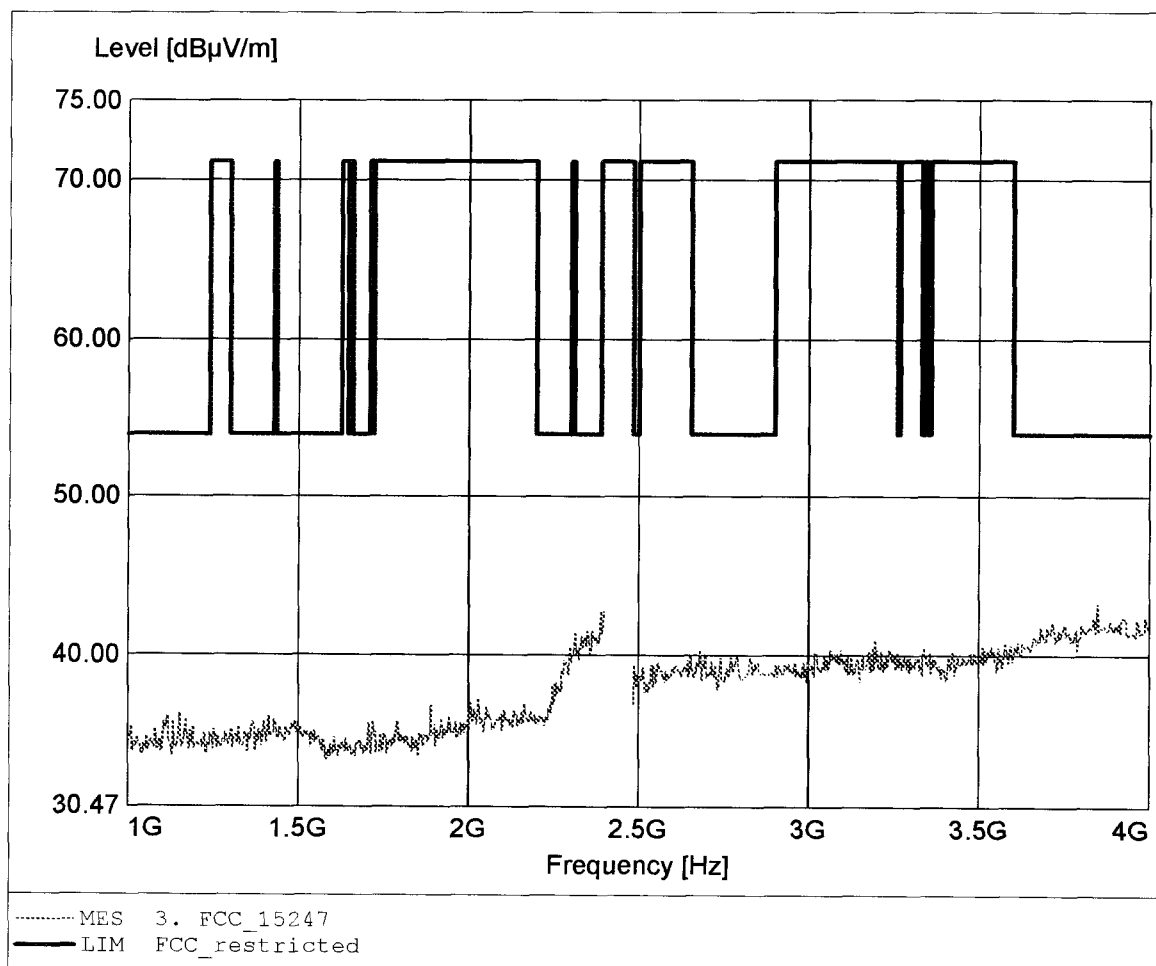
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2441 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 432.465MHz, Emax: 30.75dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

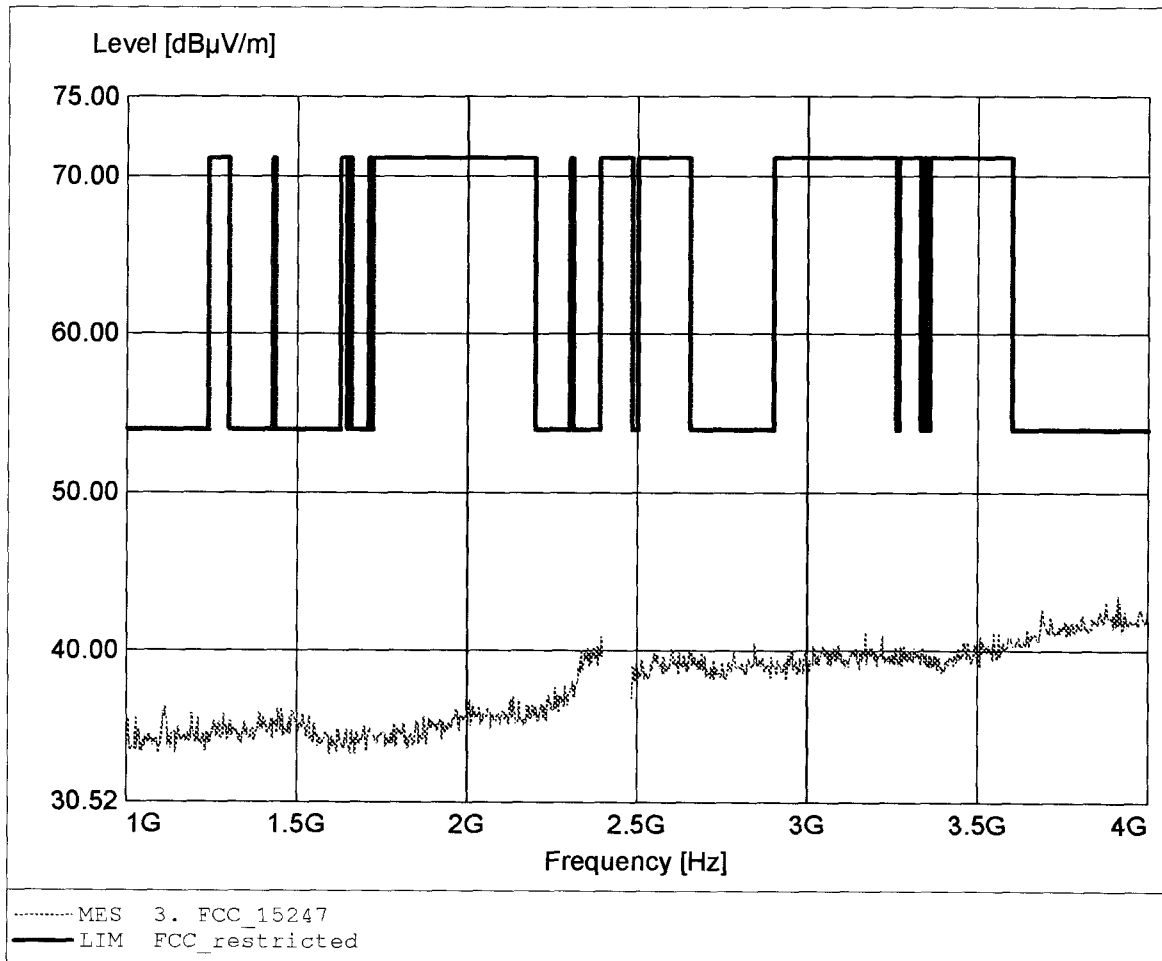
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2441 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.848GHz, Emax: 43.27dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

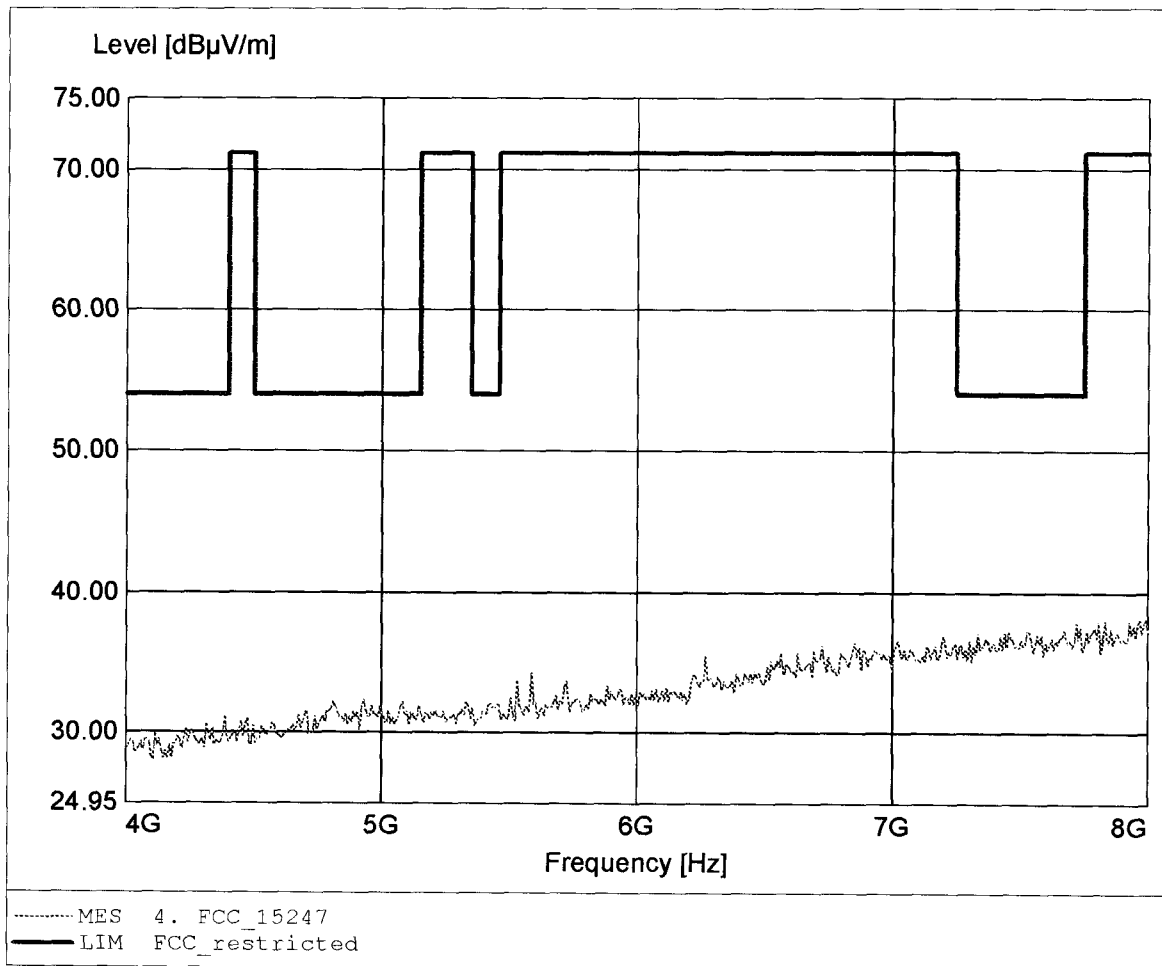
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2441 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.912GHz, Emax: 43.56dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

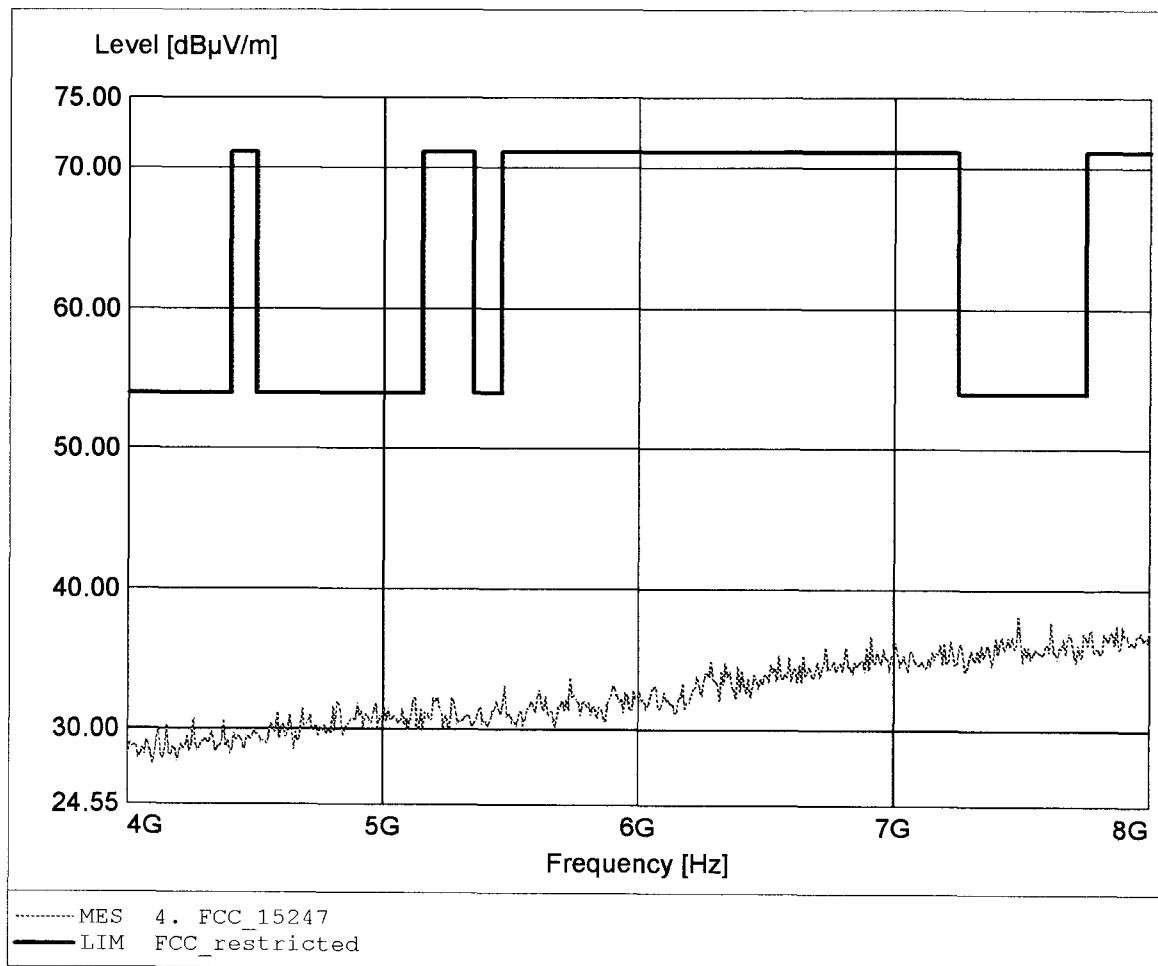
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2441 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.992GHz, Emax: 38.18dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

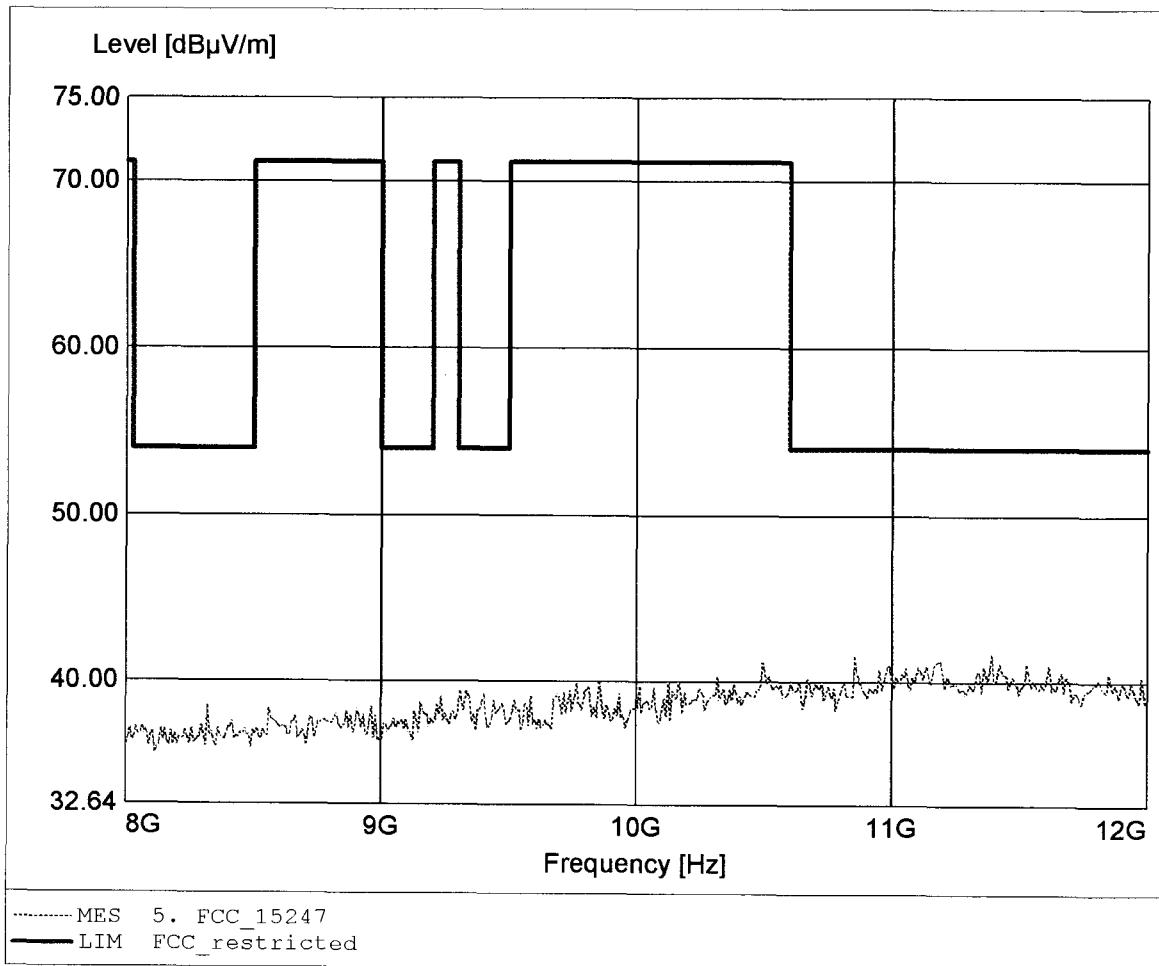
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2441 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.487GHz, Emax: 38.13dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

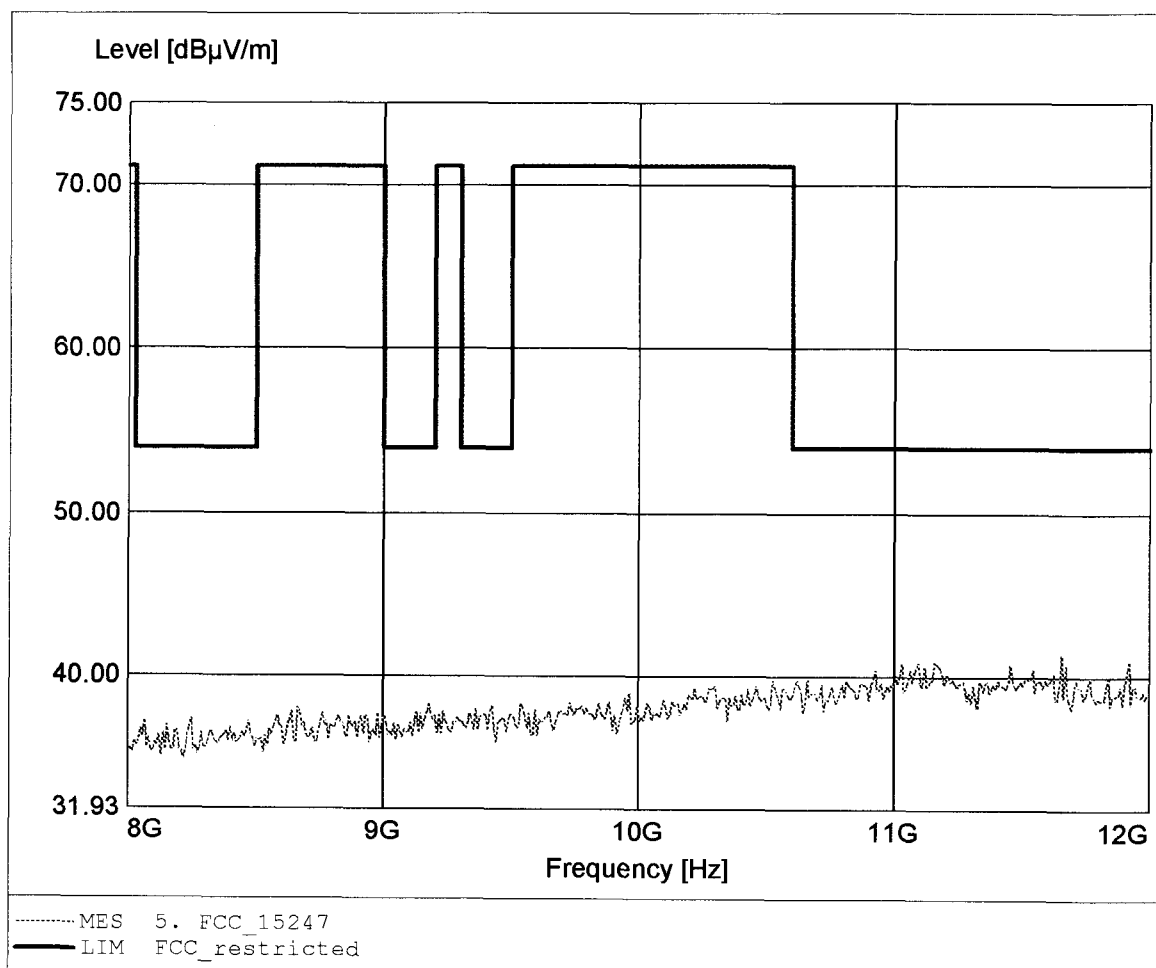
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2441 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.391GHz, Emax: 41.69dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

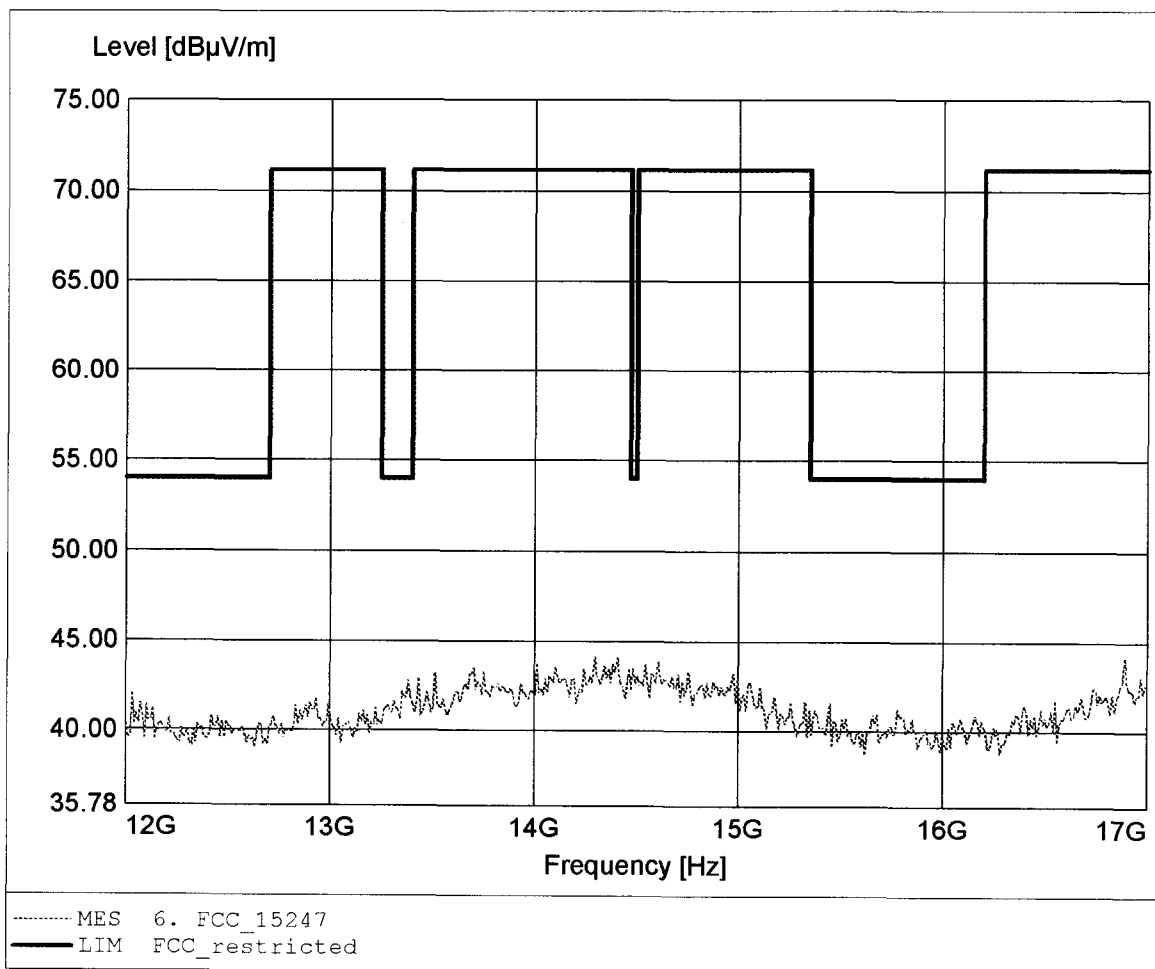
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2441 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.655GHz, Emax: 41.38dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

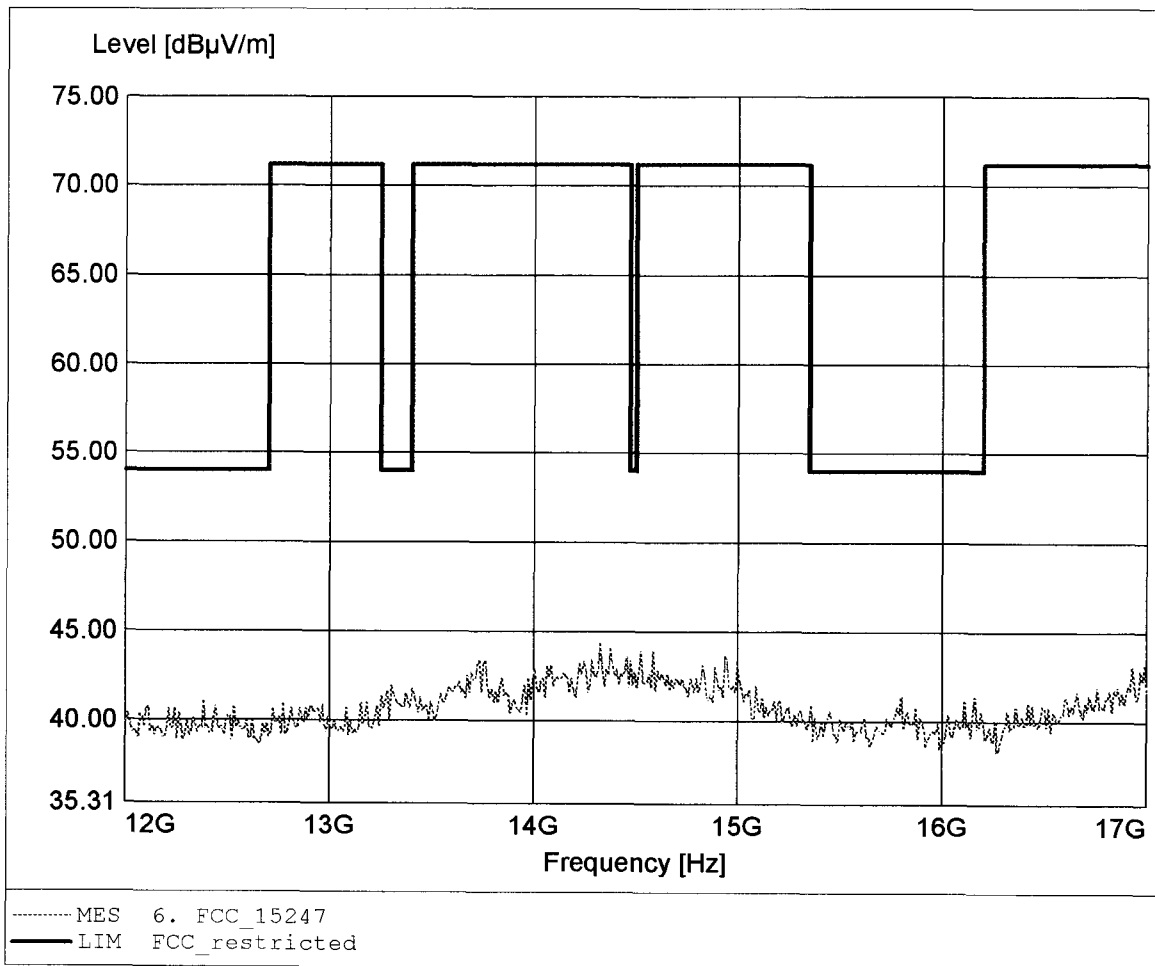
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2441 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 16.890GHz, Emax: 44.22dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

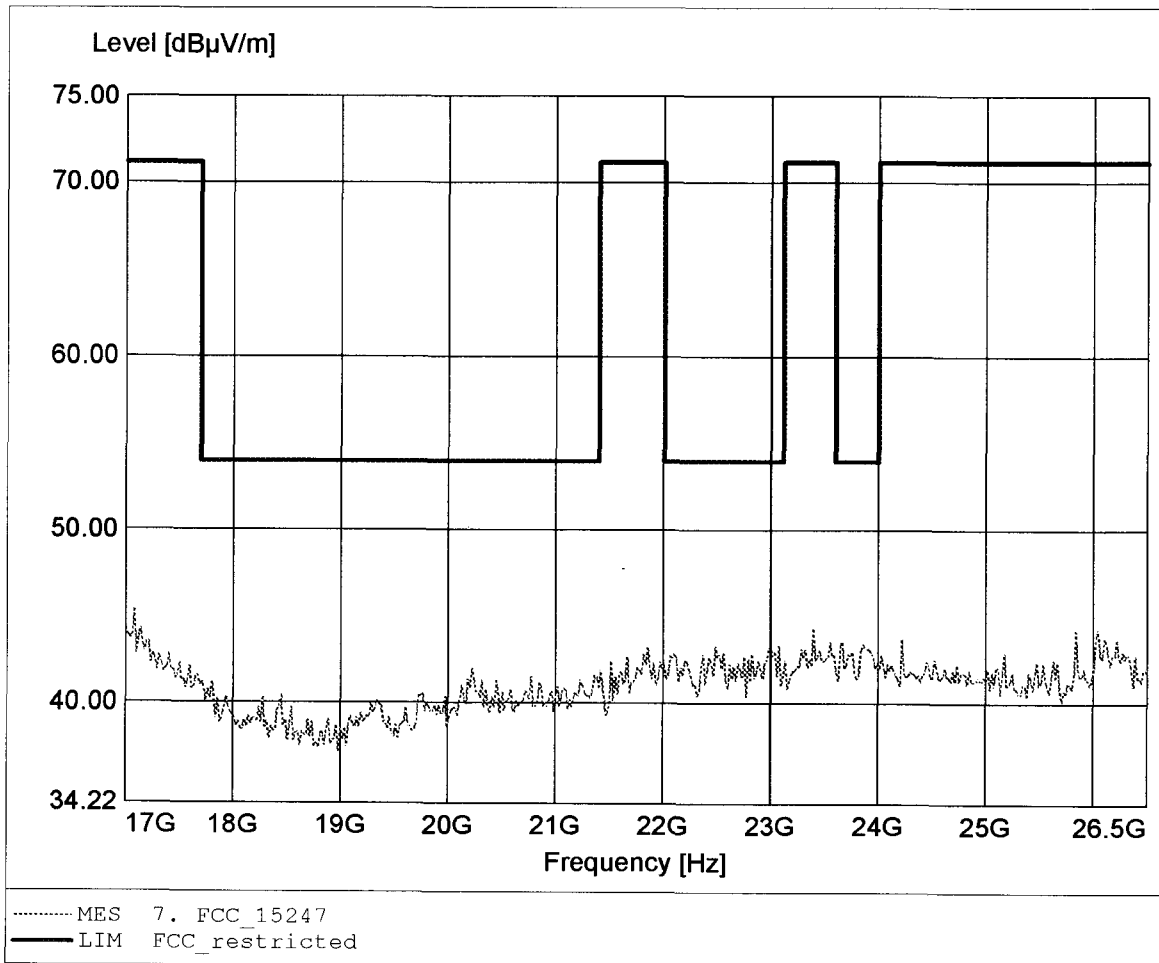
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2441 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.325GHz, Emax: 44.36dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

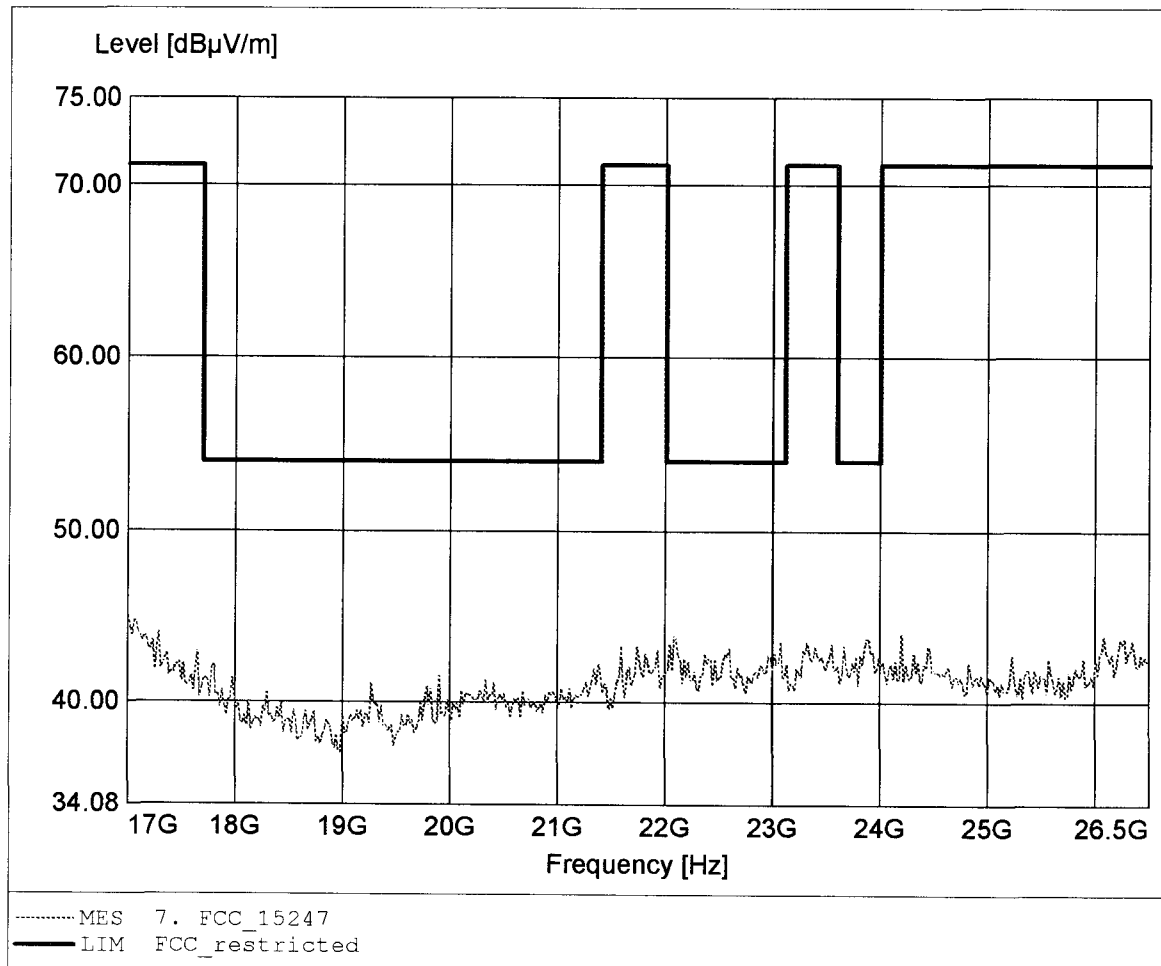
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2441 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.076GHz, Emax: 45.32dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

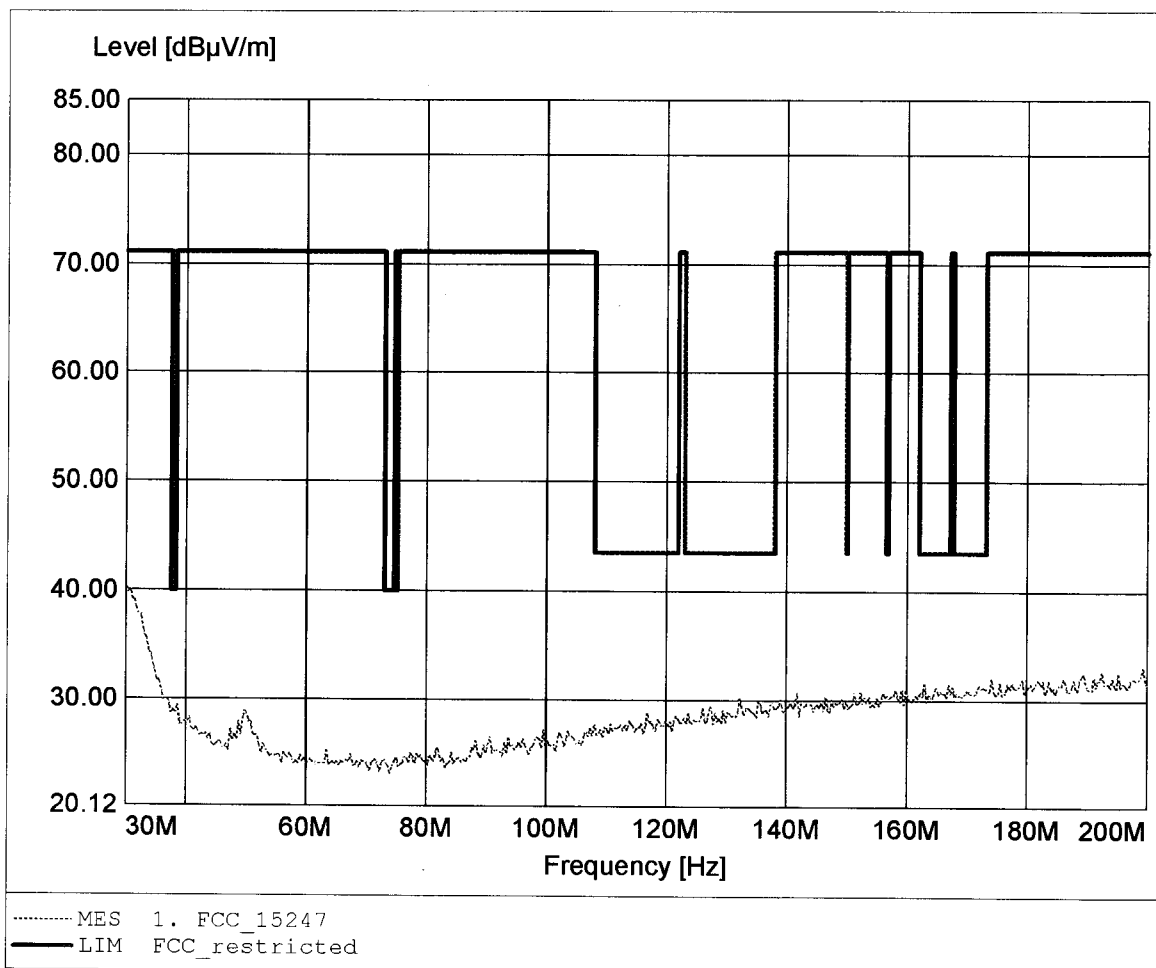
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2441 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.000GHz, Emax: 45.12dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

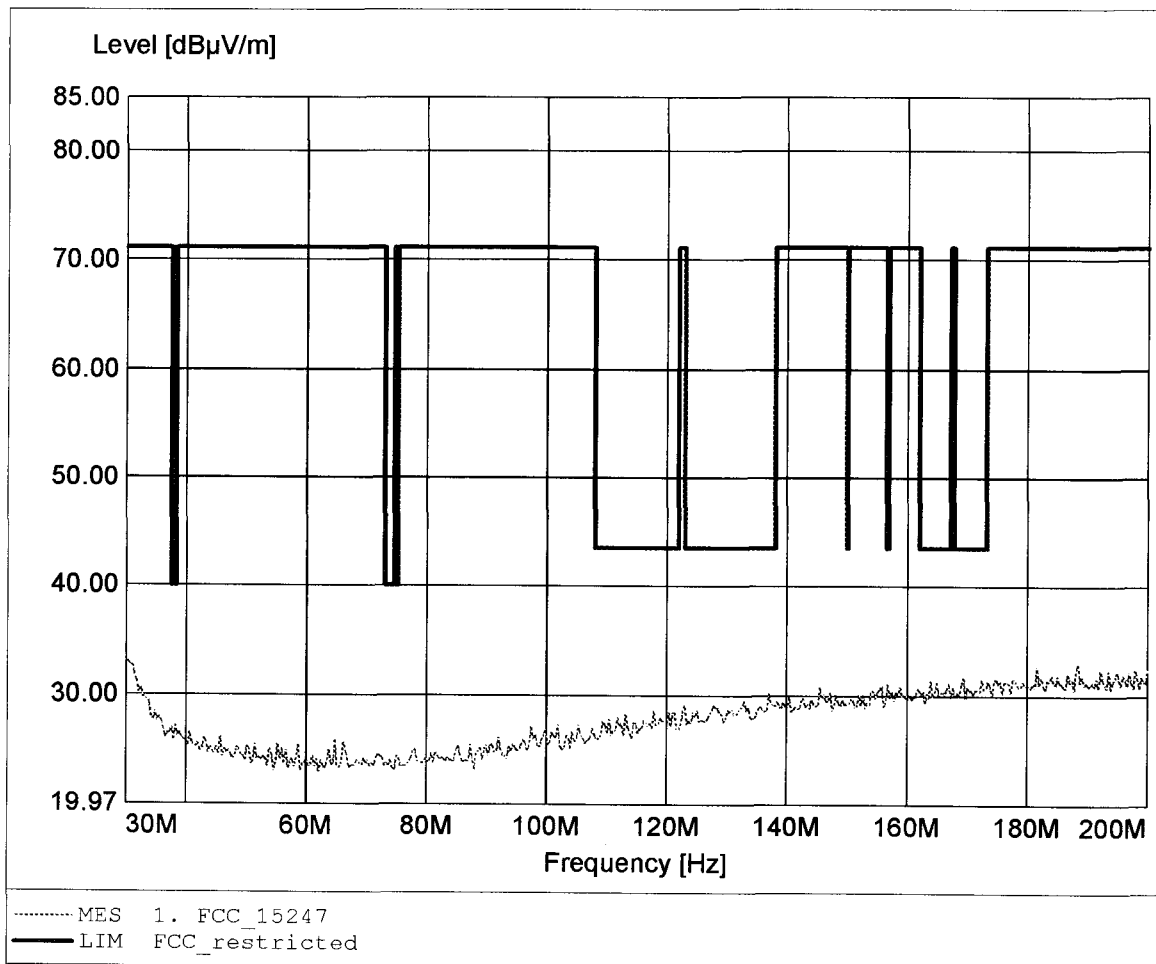
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2480 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 30.000MHz, Emax: 40.37dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

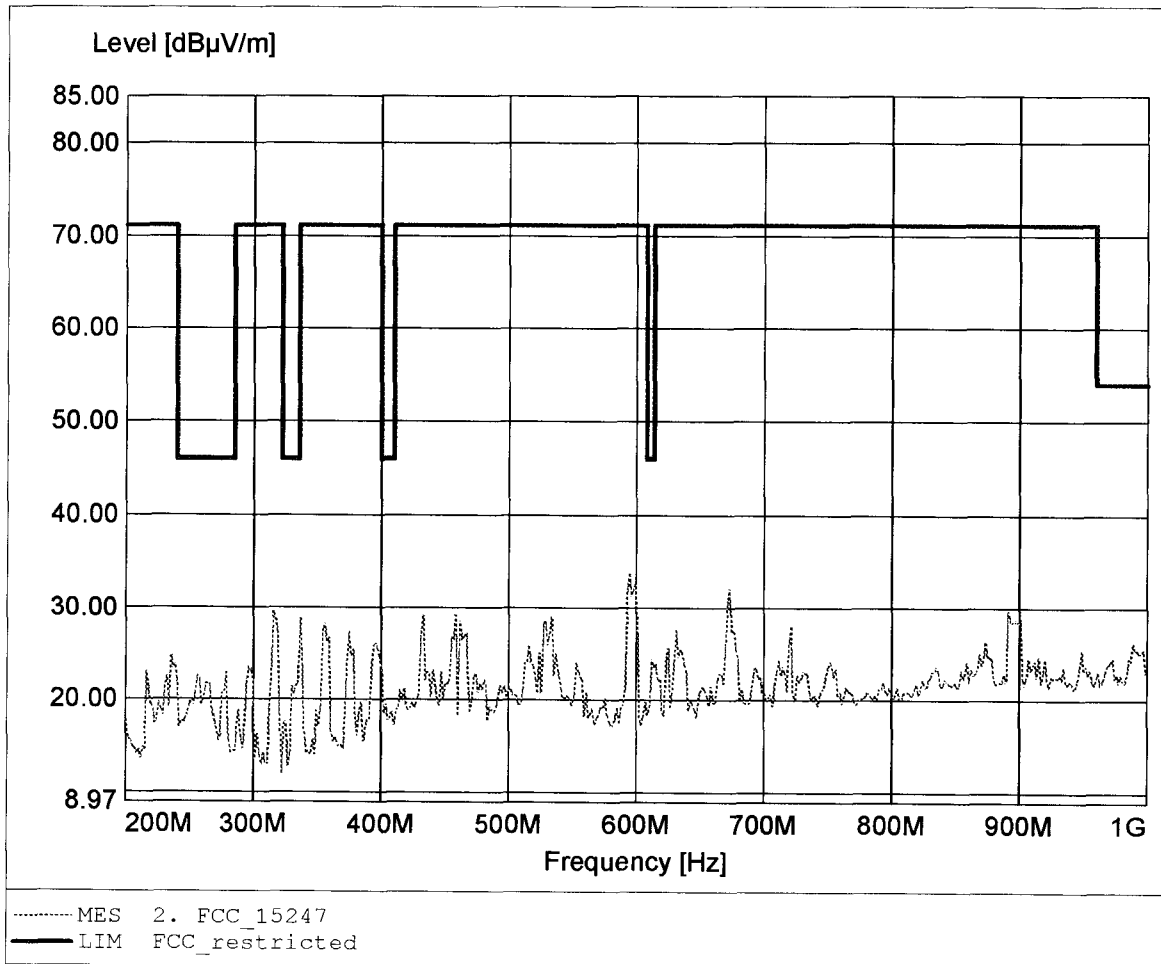
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2480 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 30.000MHz, Emax: 33.06dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

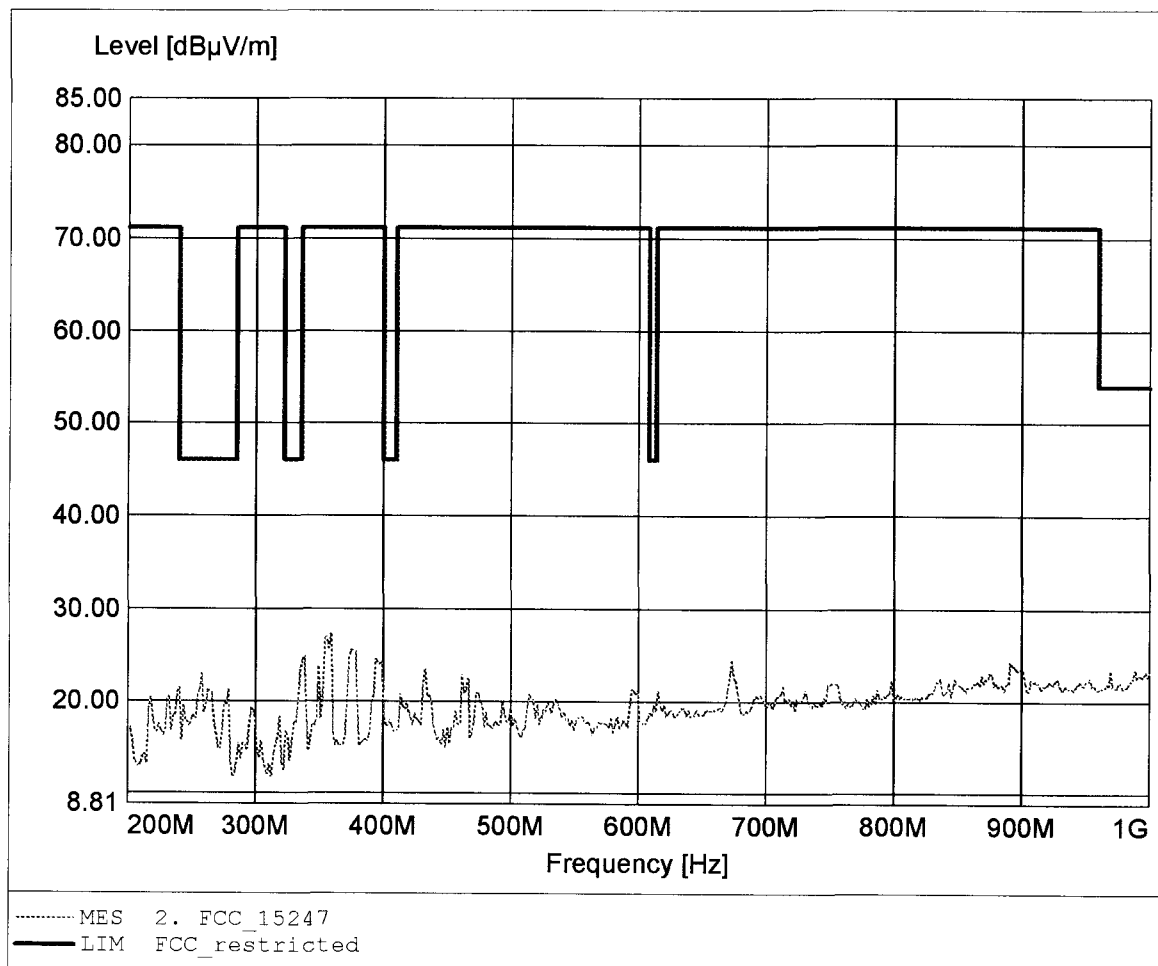
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2480 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 594.389MHz, Emax: 33.98dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

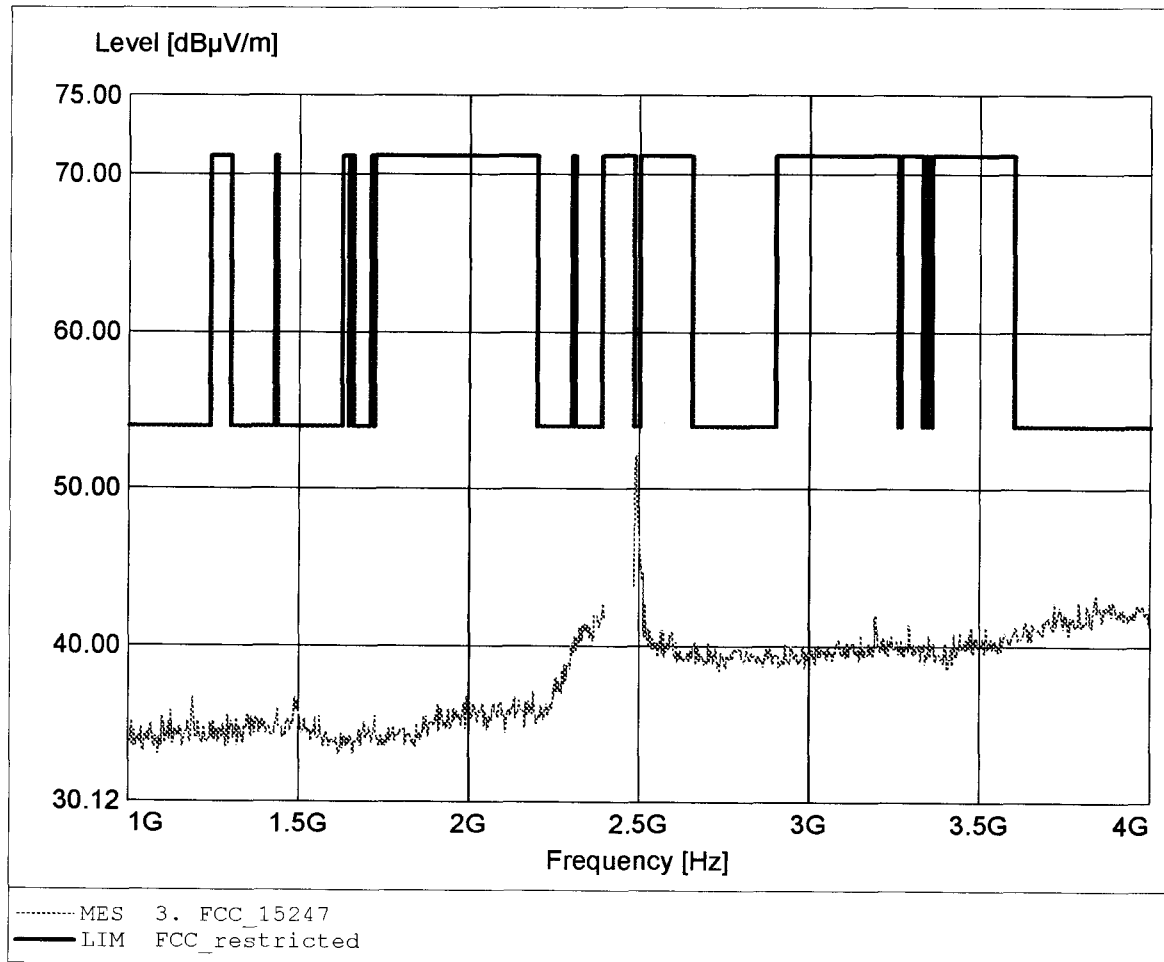
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2480 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 358.717MHz, Emax: 27.39dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

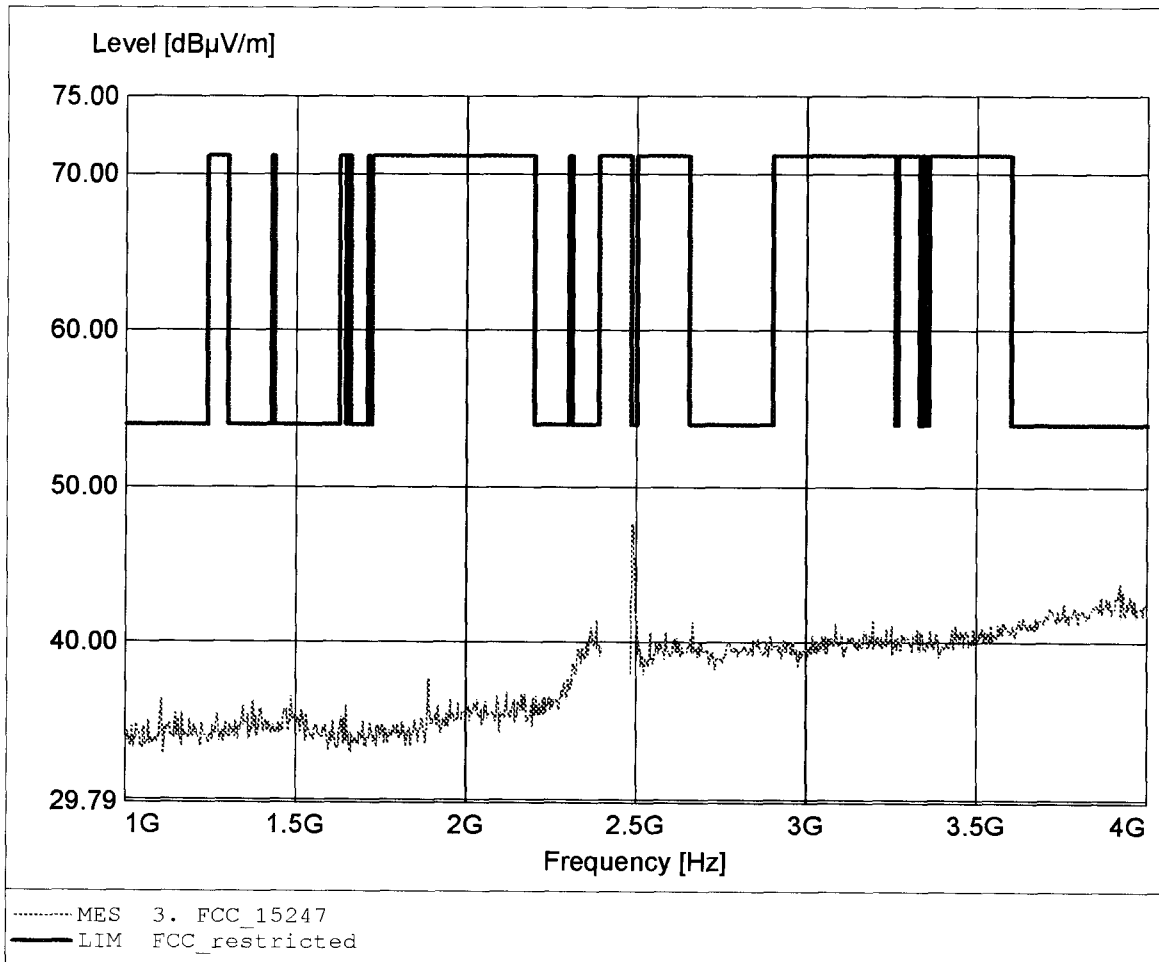
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2480 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.490GHz, Emax: 52.17dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

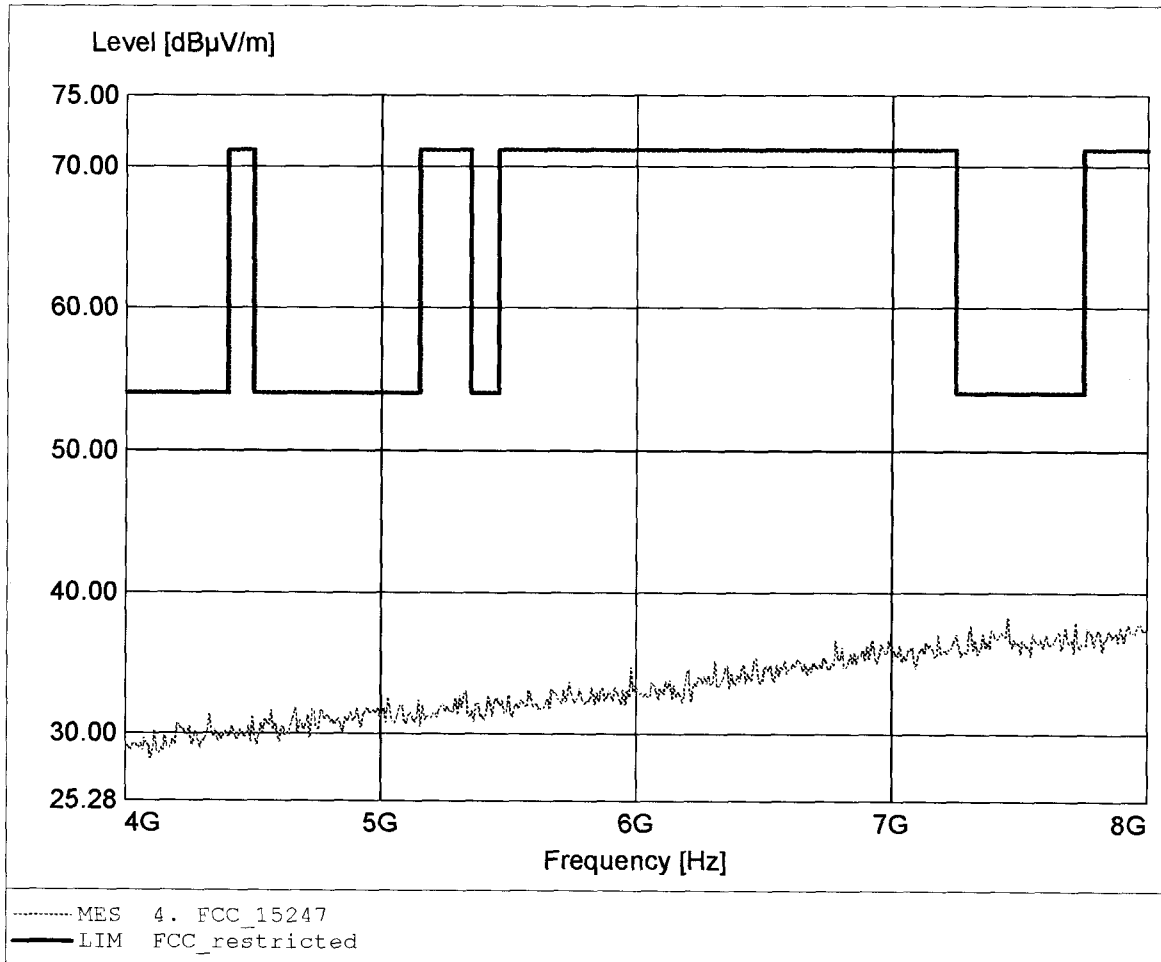
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2480 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.487GHz, Emax: 47.77dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

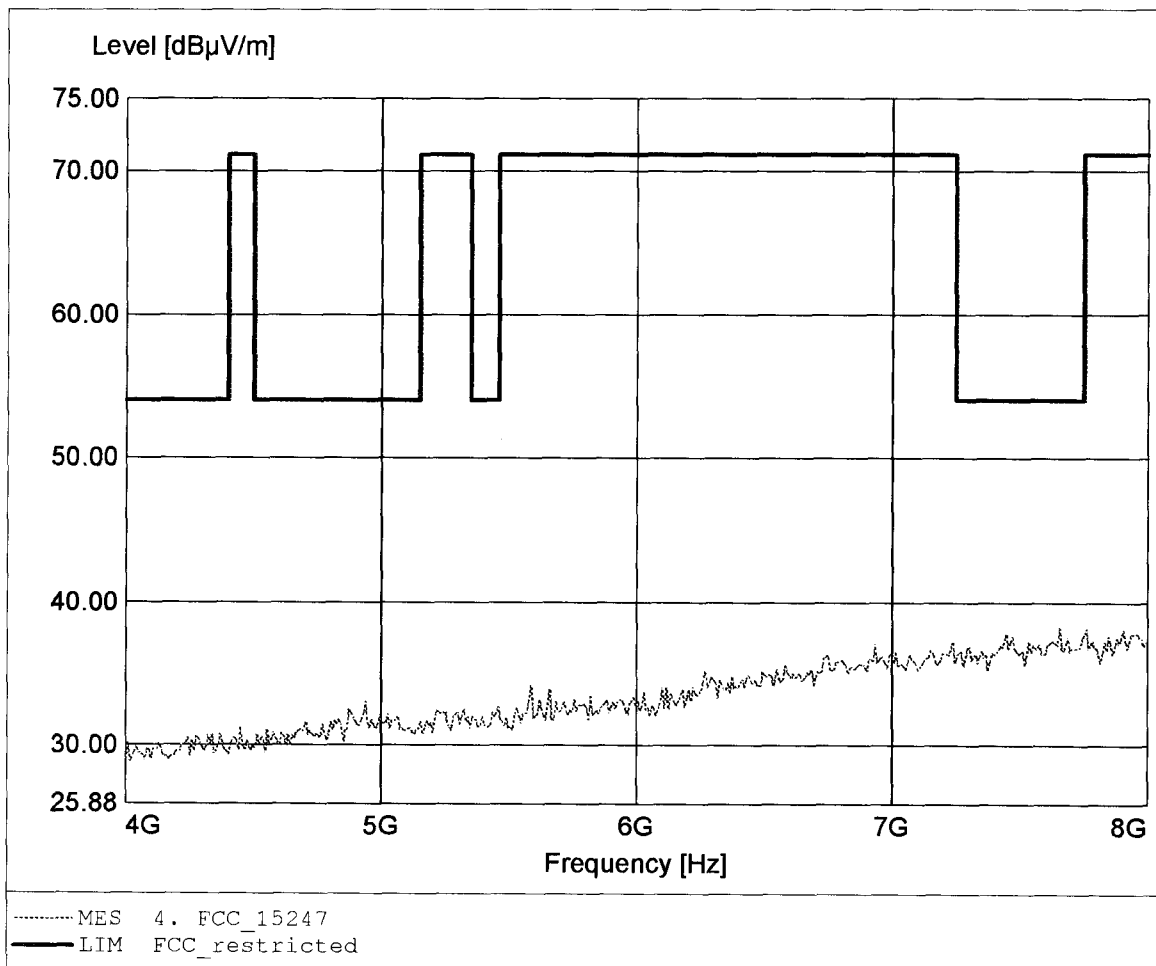
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2480 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.455GHz, Emax: 38.22dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

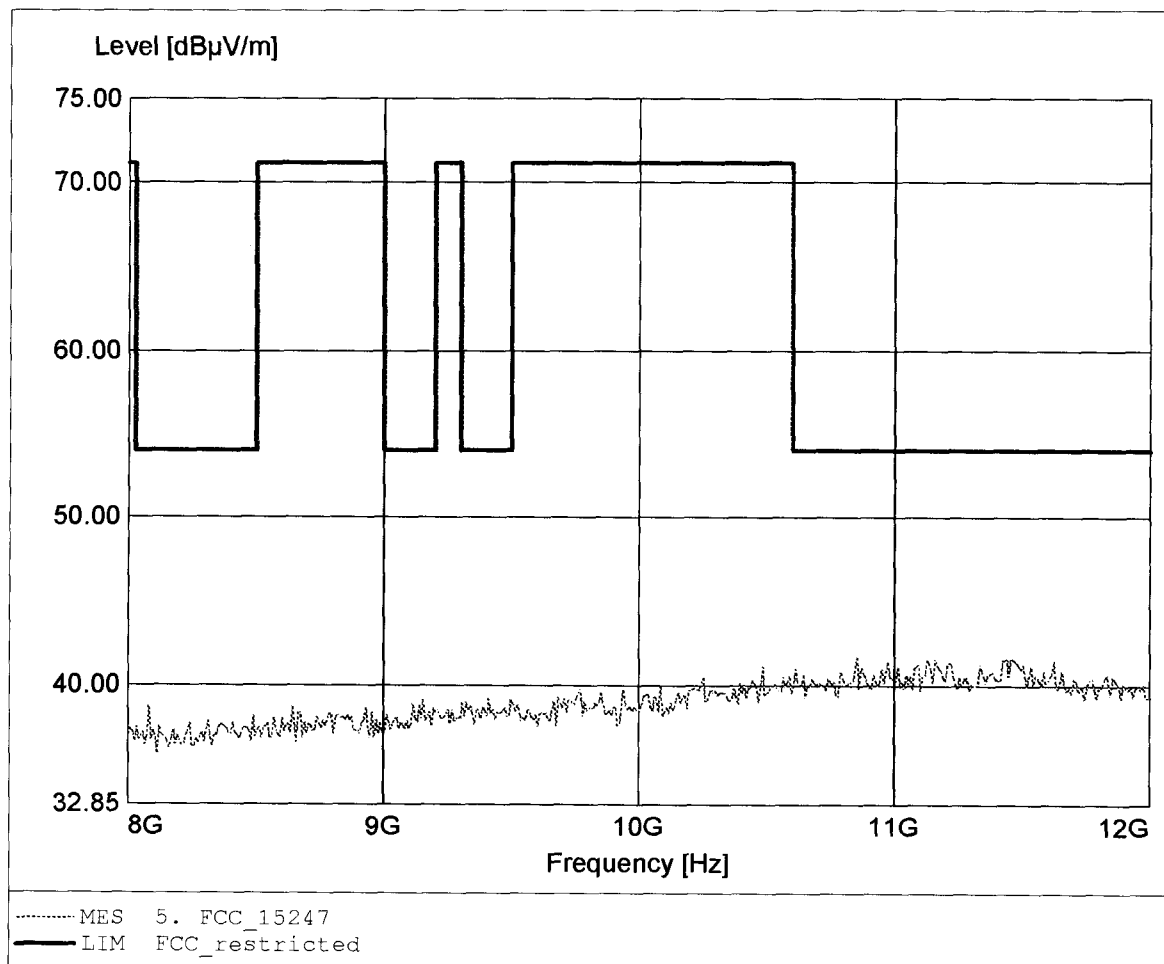
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2480 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.655GHz, Emax: 38.30dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

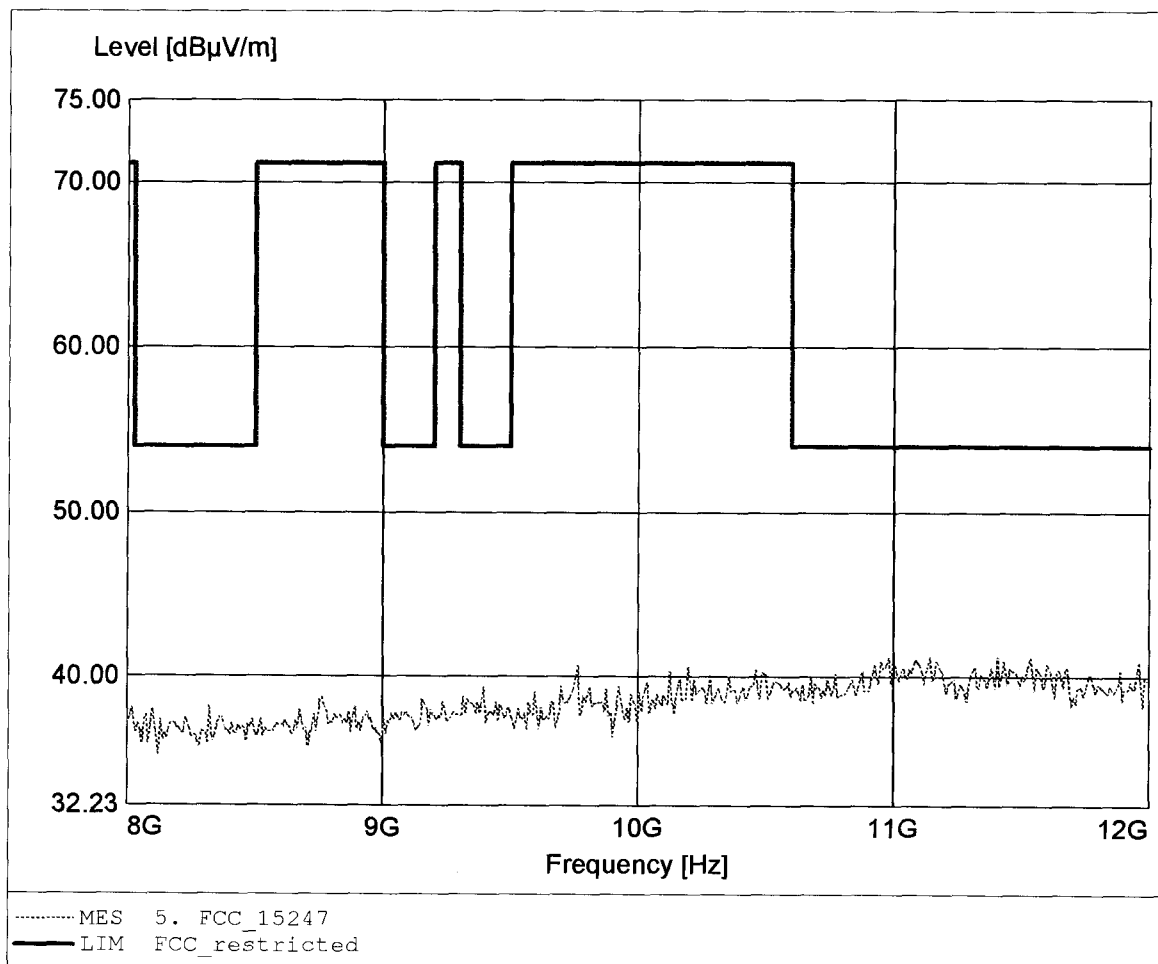
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2480 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 10.854GHz, Emax: 41.77dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

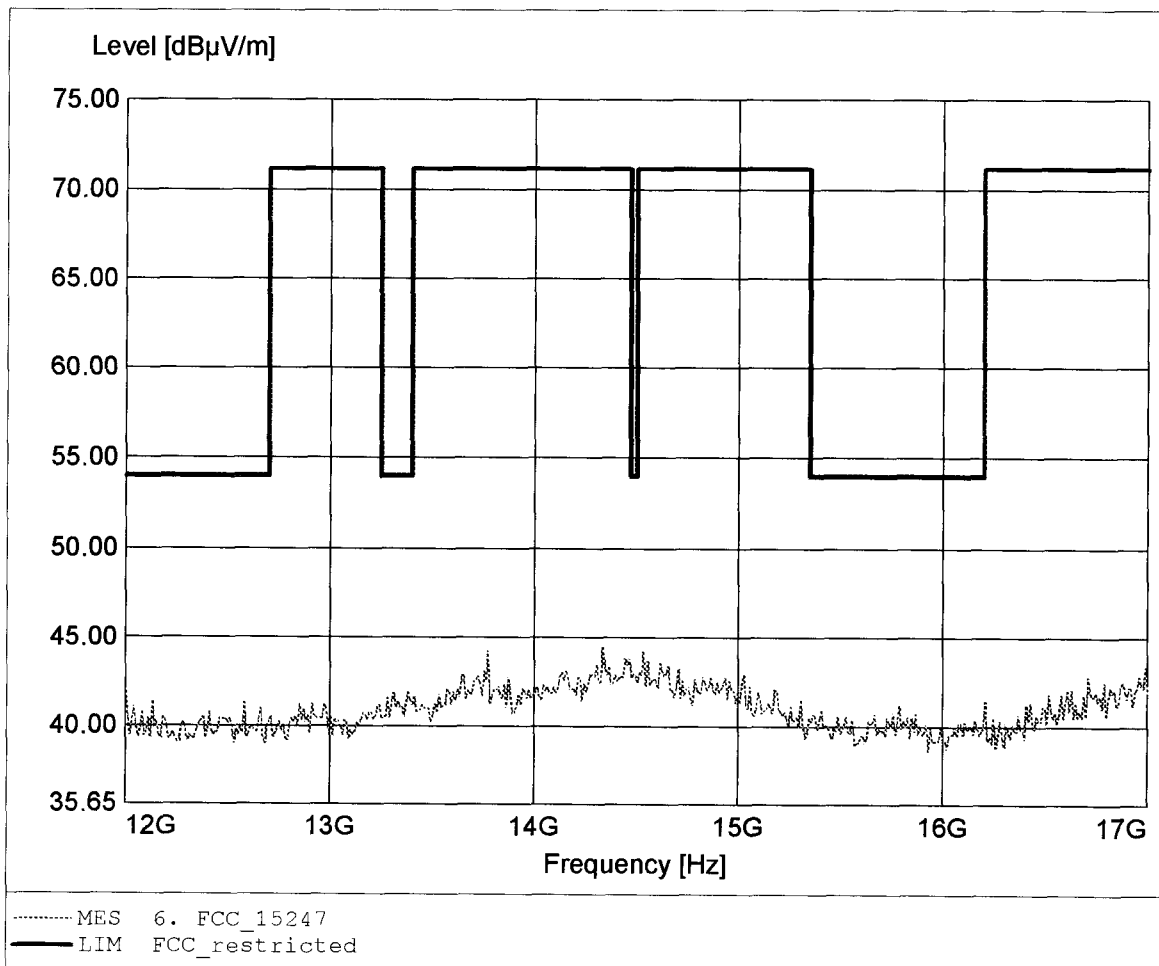
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2480 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.407GHz, Emax: 41.25dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

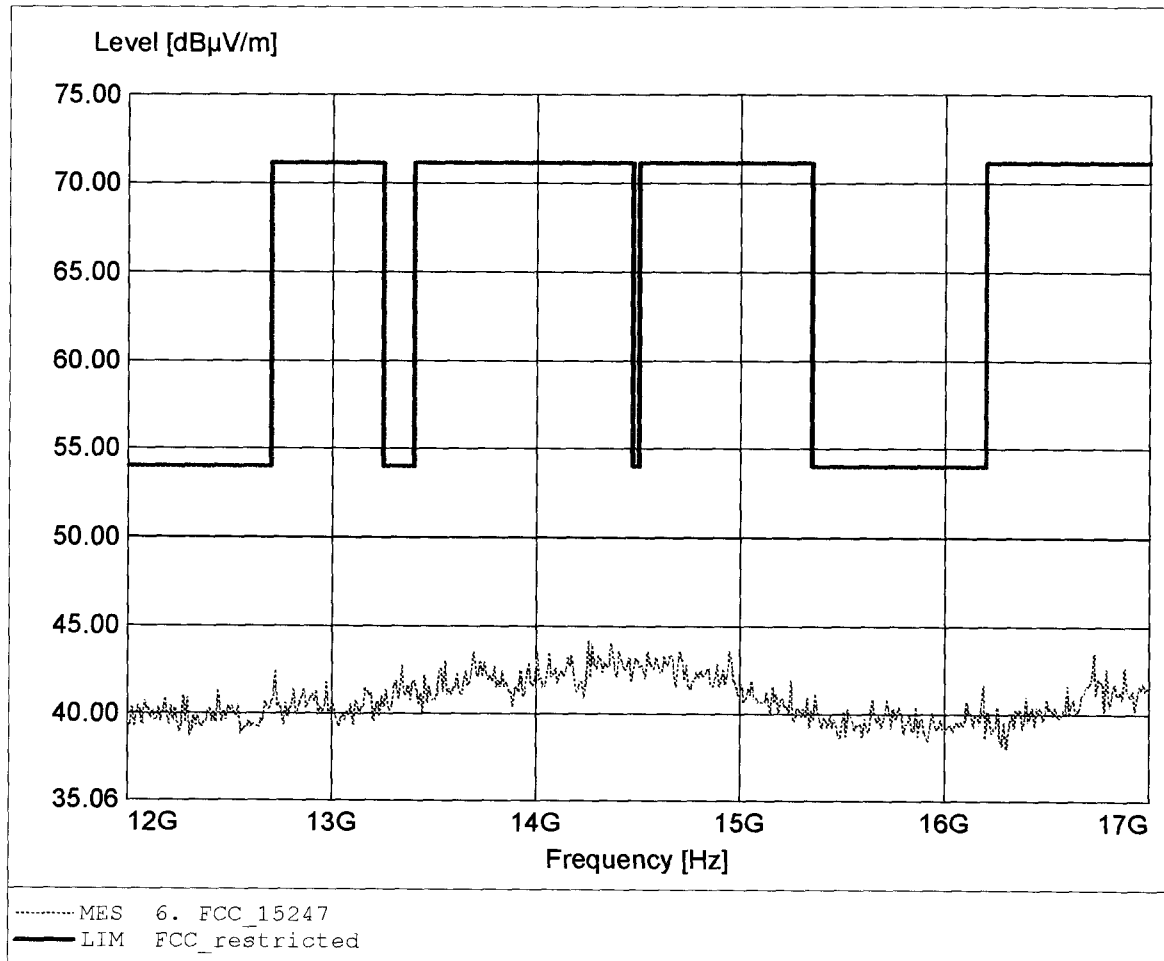
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2480 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.335GHz, Emax: 44.49dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

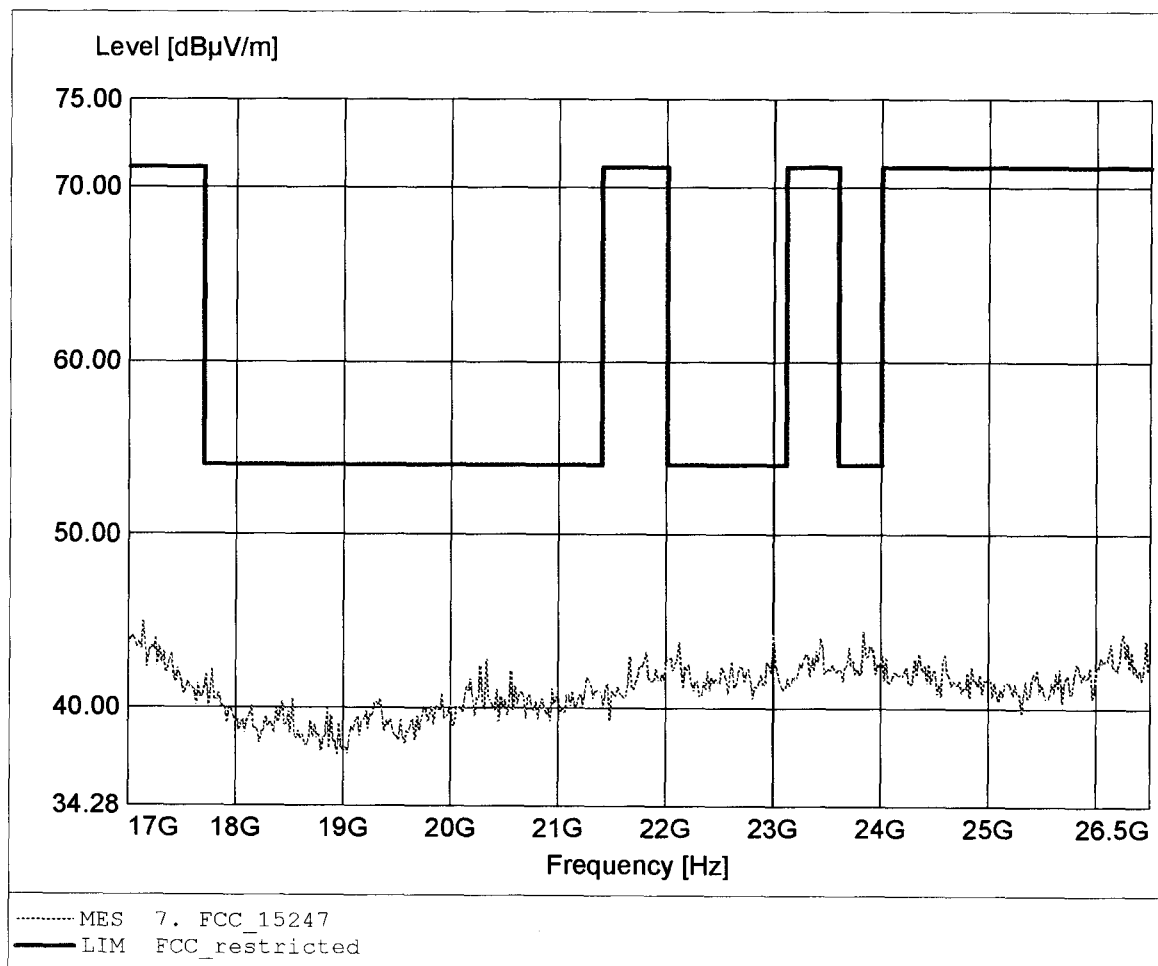
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2480 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.255GHz, Emax: 44.28dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

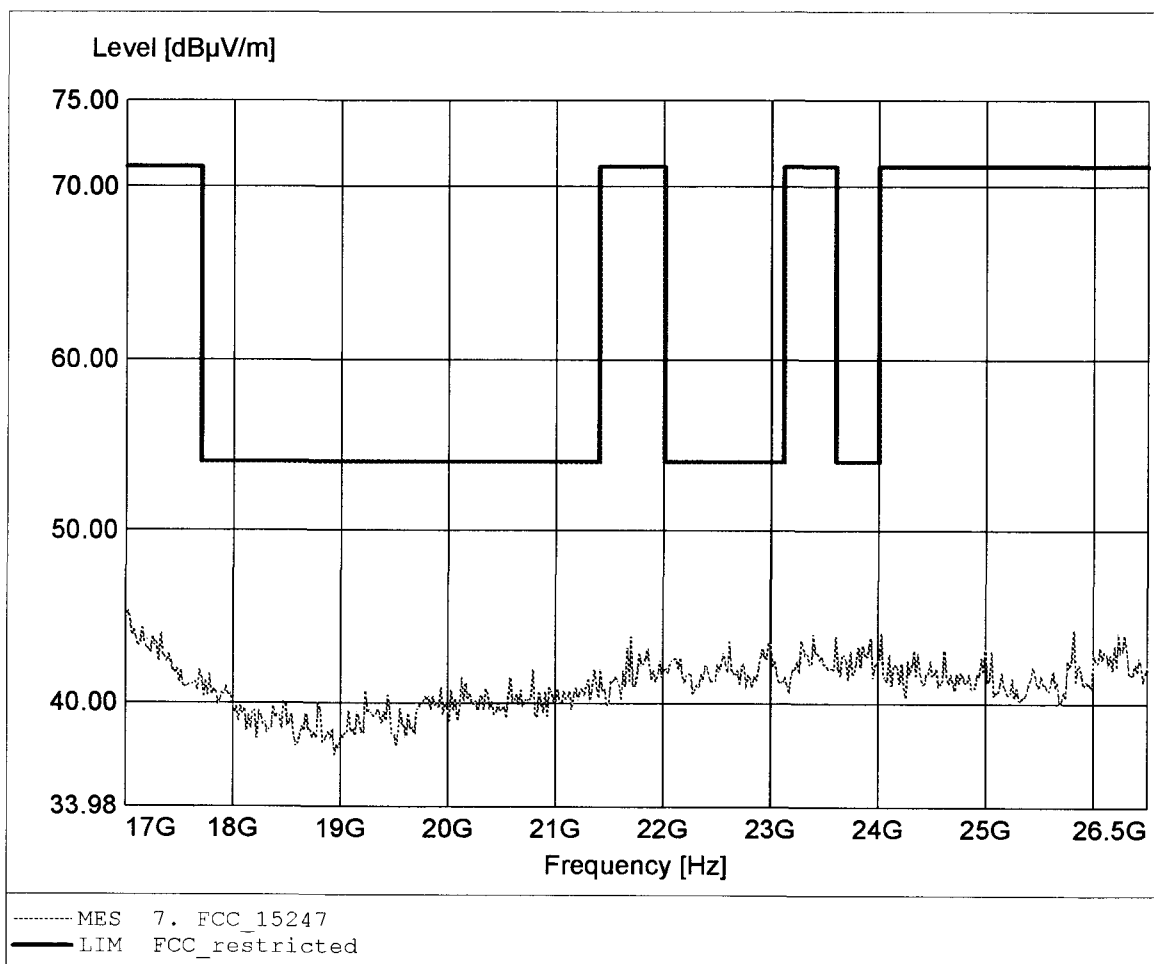
Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2480 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.133GHz, Emax: 44.94dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

Approval Holder: Able Systems Ltd
EUT: Bluetooth Printer Module / 2480 MHz
Model: PAN1440
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 5.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.019GHz, Emax: 45.37dBμV/m, RBW: 1MHz



Appendix D

Spurious Emissions conducted - Transmitter operating

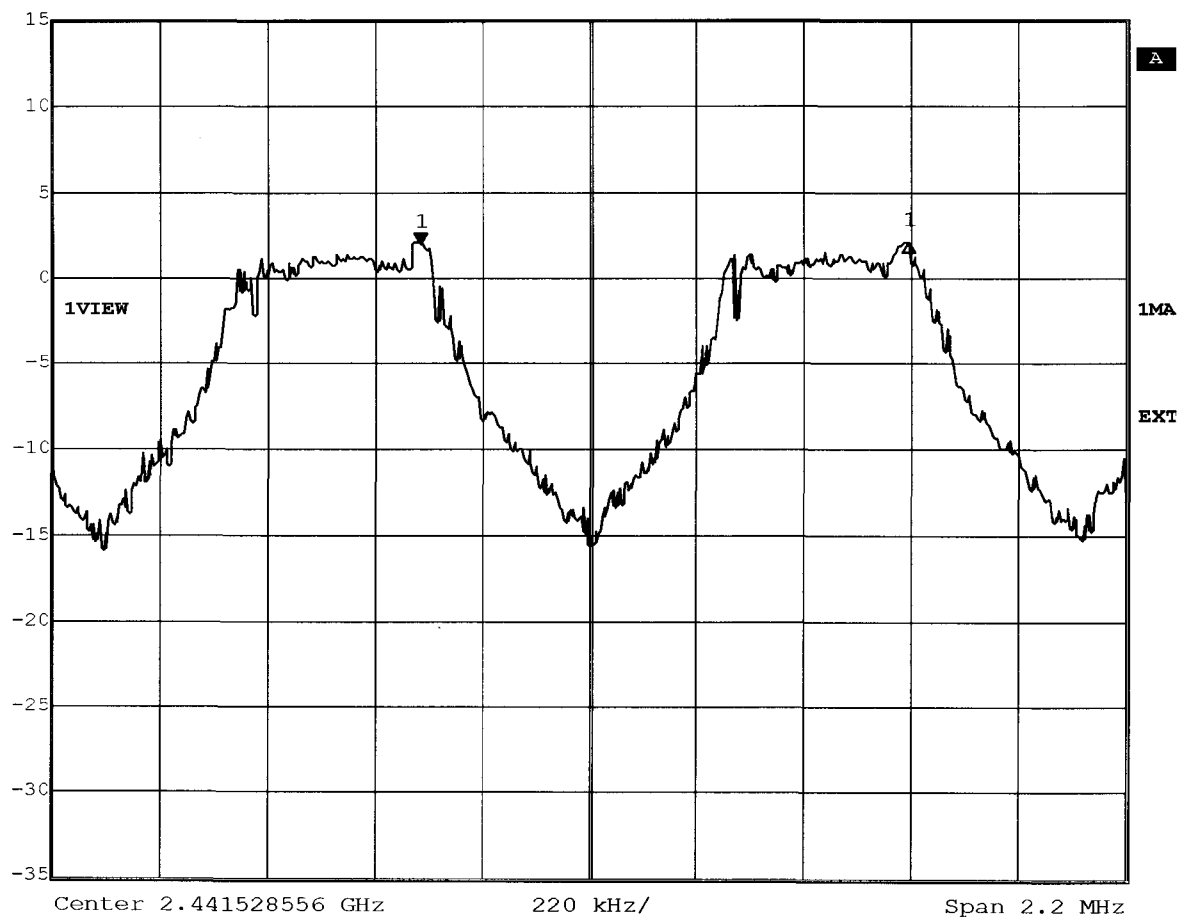


Appendix E

Carrier Frequency Separation



Marker 1 [T1] RBW 100 kHz RF Att 40 dB
Ref Lvl 1.94 dBm VBW 100 kHz
15 dBm 2.44118246 GHz SWT 5 ms Unit dBm



Title: Carrier Frequency Separation
Comment A: AP1310-BT module
Date: 1.JUL.2005 12:03:19



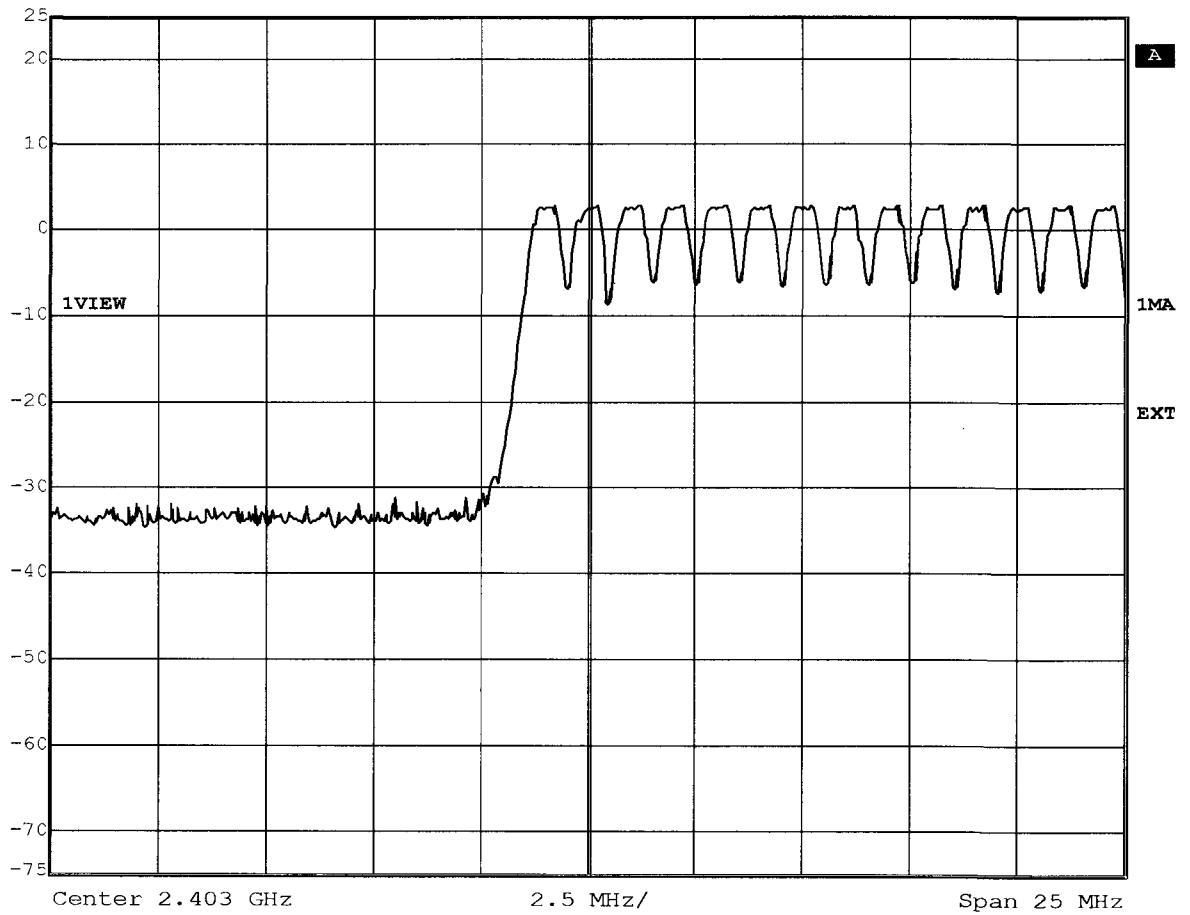
Appendix F

Number of Hopping Frequencies



Ref Lvl
25 dBm

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

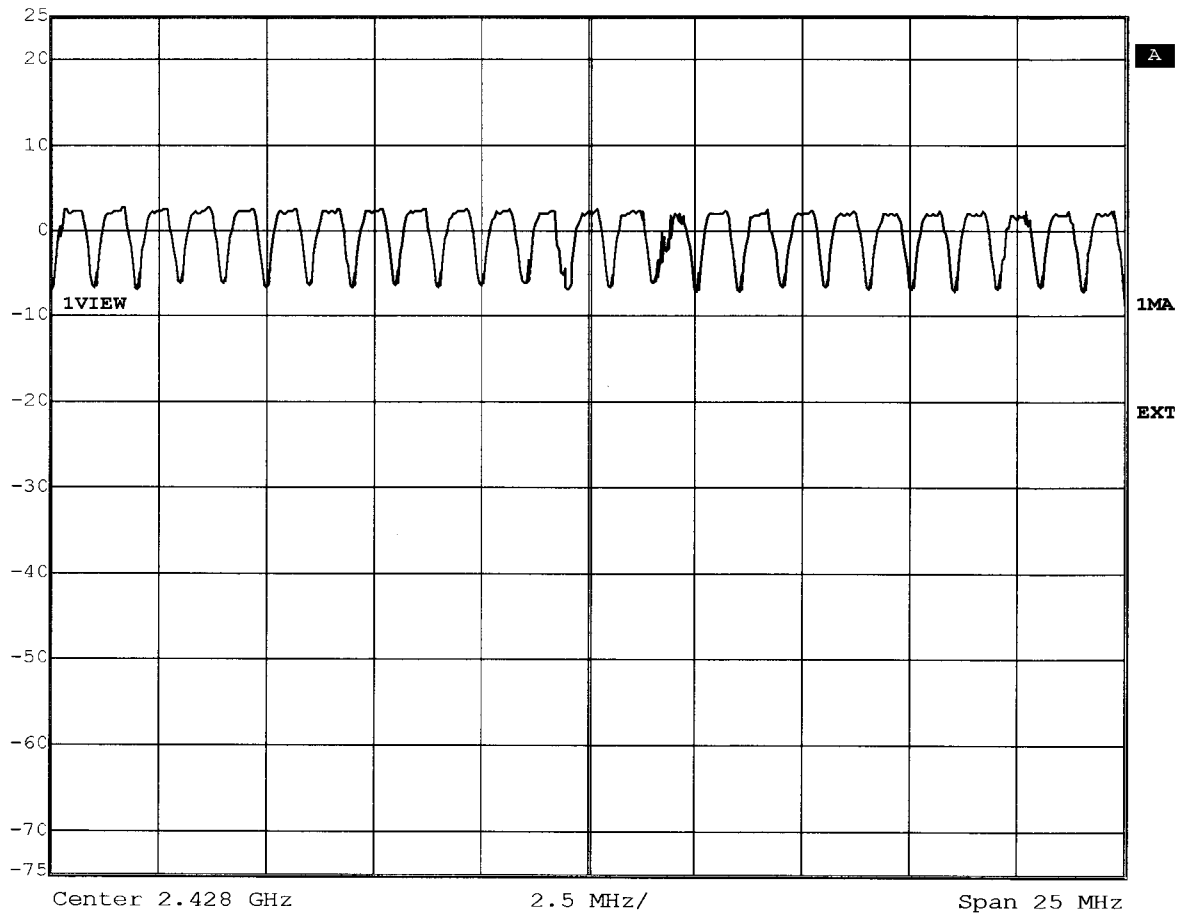


Title: Number of Hopping Frequencies Ch.: 0-13
Comment A: AP1310-BT module
Date: 1.JUL.2005 12:37:13



Ref Lvl
25 dBm

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

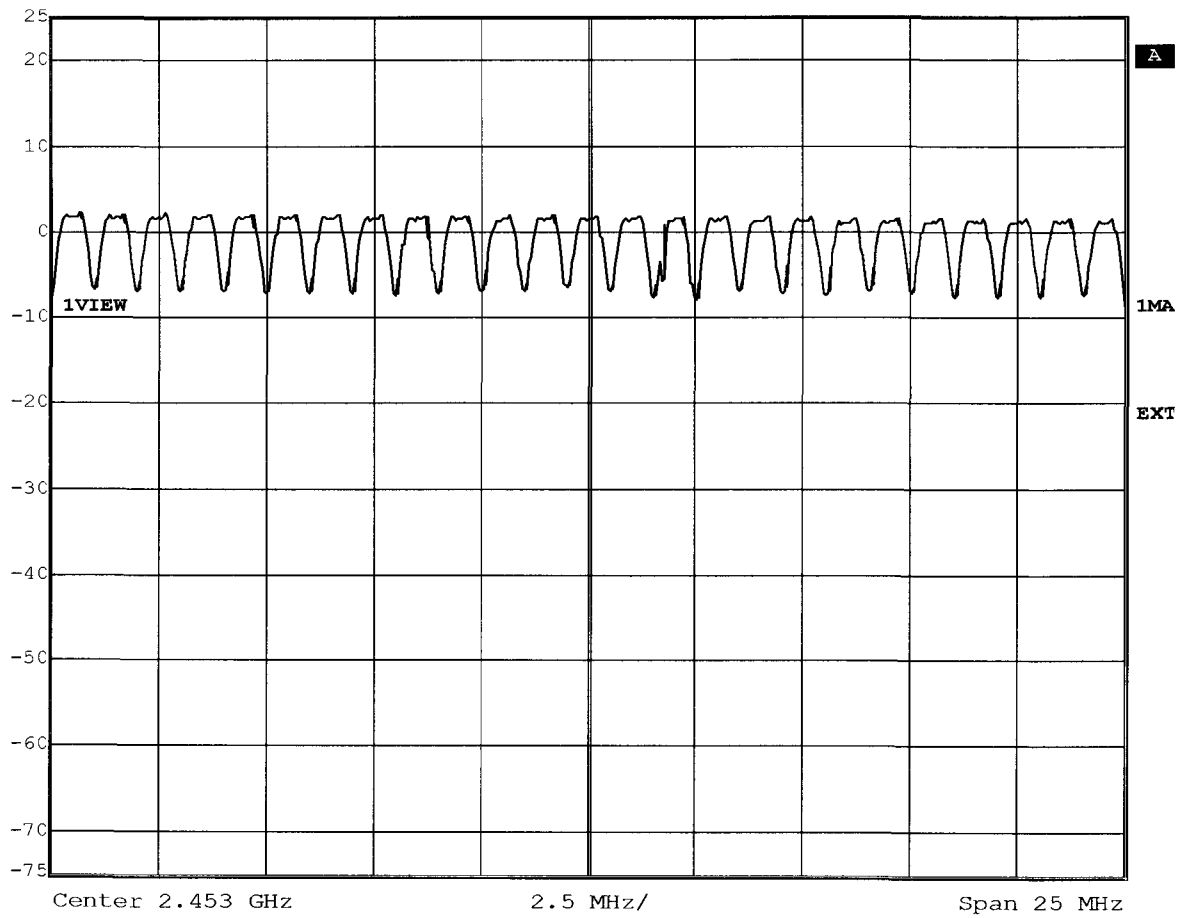


Title: Number of Hopping Frequencies Ch.: 14-38
Comment A: AP1310-BT module
Date: 1.JUL.2005 12:38:28



Ref Lvl
25 dBm

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

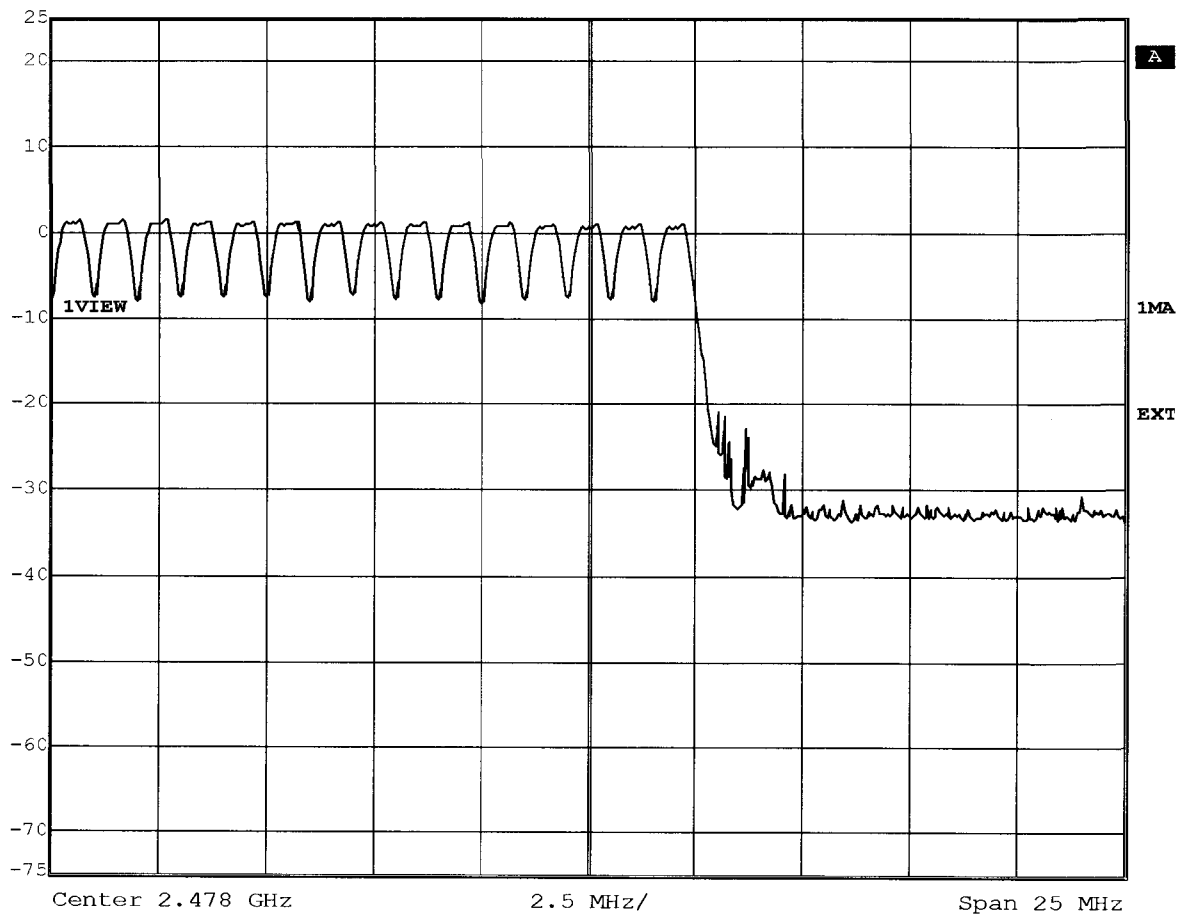


Title: Number of Hopping Frequencies Ch.: 39-63
Comment A: AP1310-BT module
Date: 1.JUL.2005 12:39:48



Ref Lvl
25 dBm

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

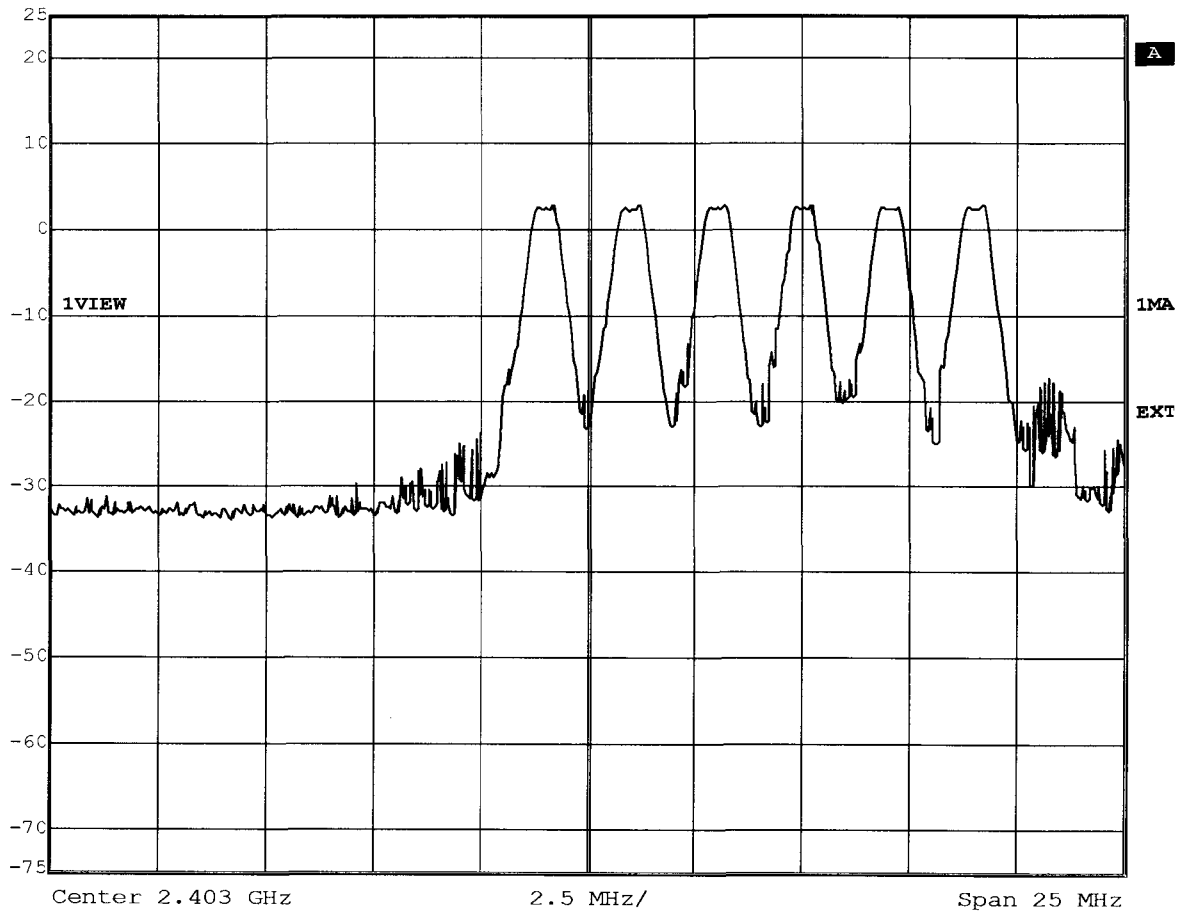


Title: Number of Hopping Frequencies Ch.: 64-78
Comment A: AP1310-BT module
Date: 1.JUL.2005 12:43:15



Ref Lvl
25 dBm

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

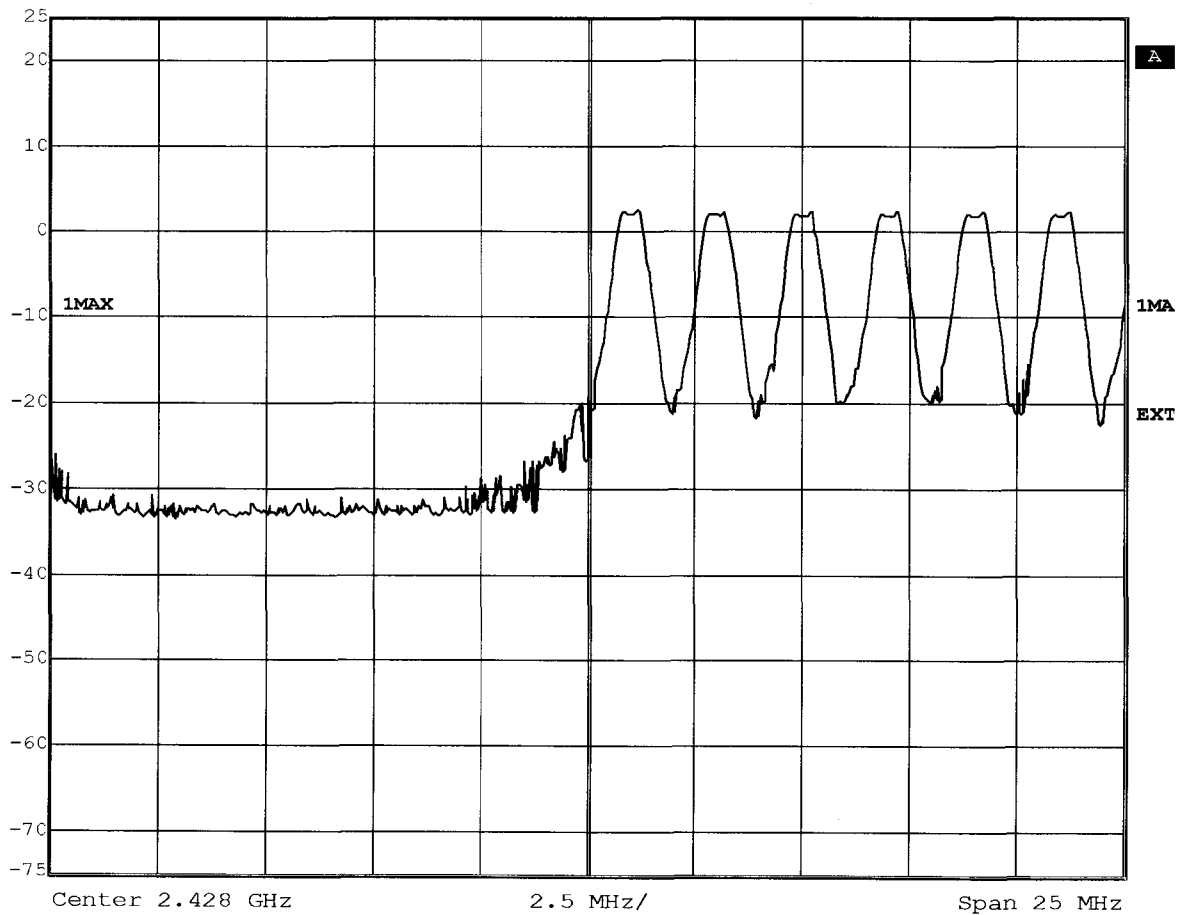


Title: Number of Hopping Frequencies (Master Inquiry Mode)
Comment A: AP1310-BT module
Date: 1.JUL.2005 14:13:51



Ref Lvl
25 dBm

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

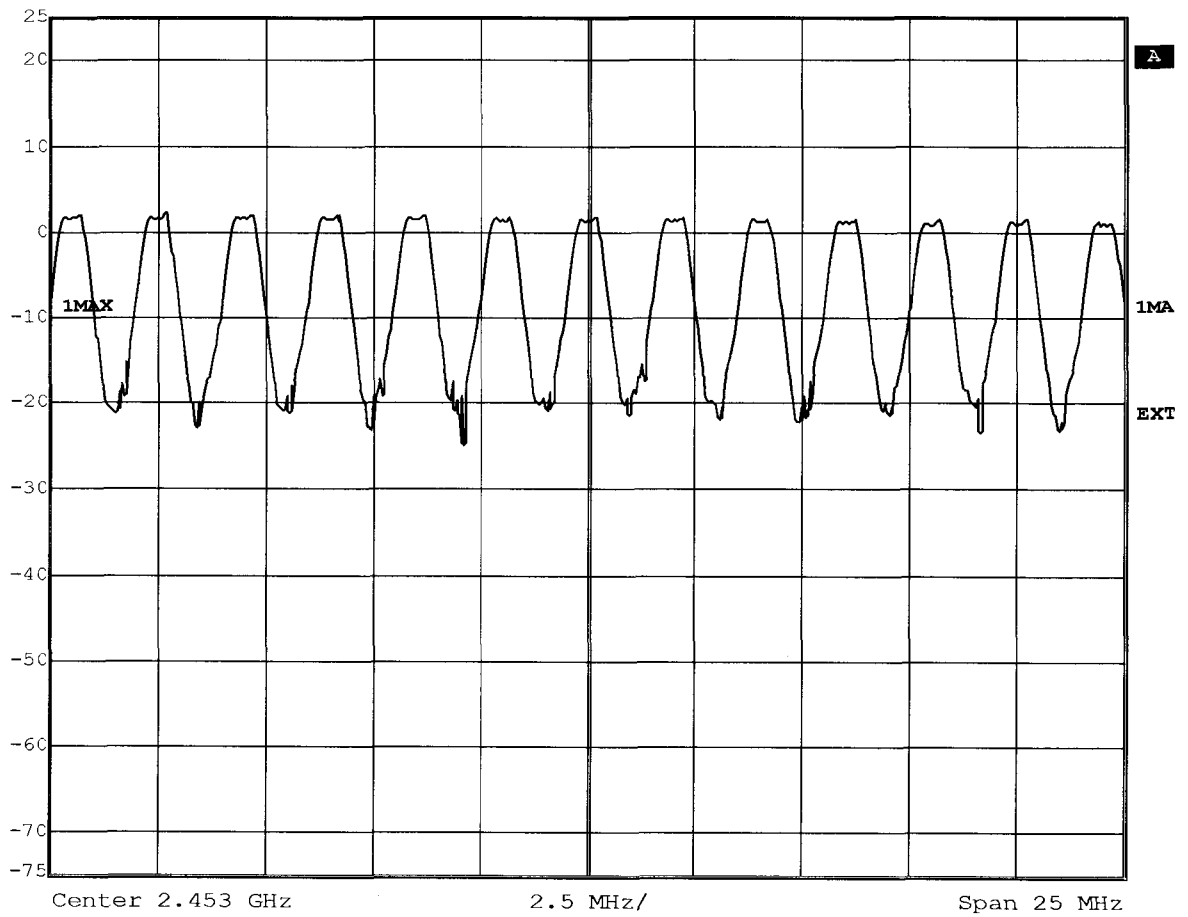


Title: Number of Hopping Frequencies (Master Inquiry Mode)
Comment A: AP1310-BT module
Date: 1.JUL.2005 14:16:31



Ref Lvl
25 dBm

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

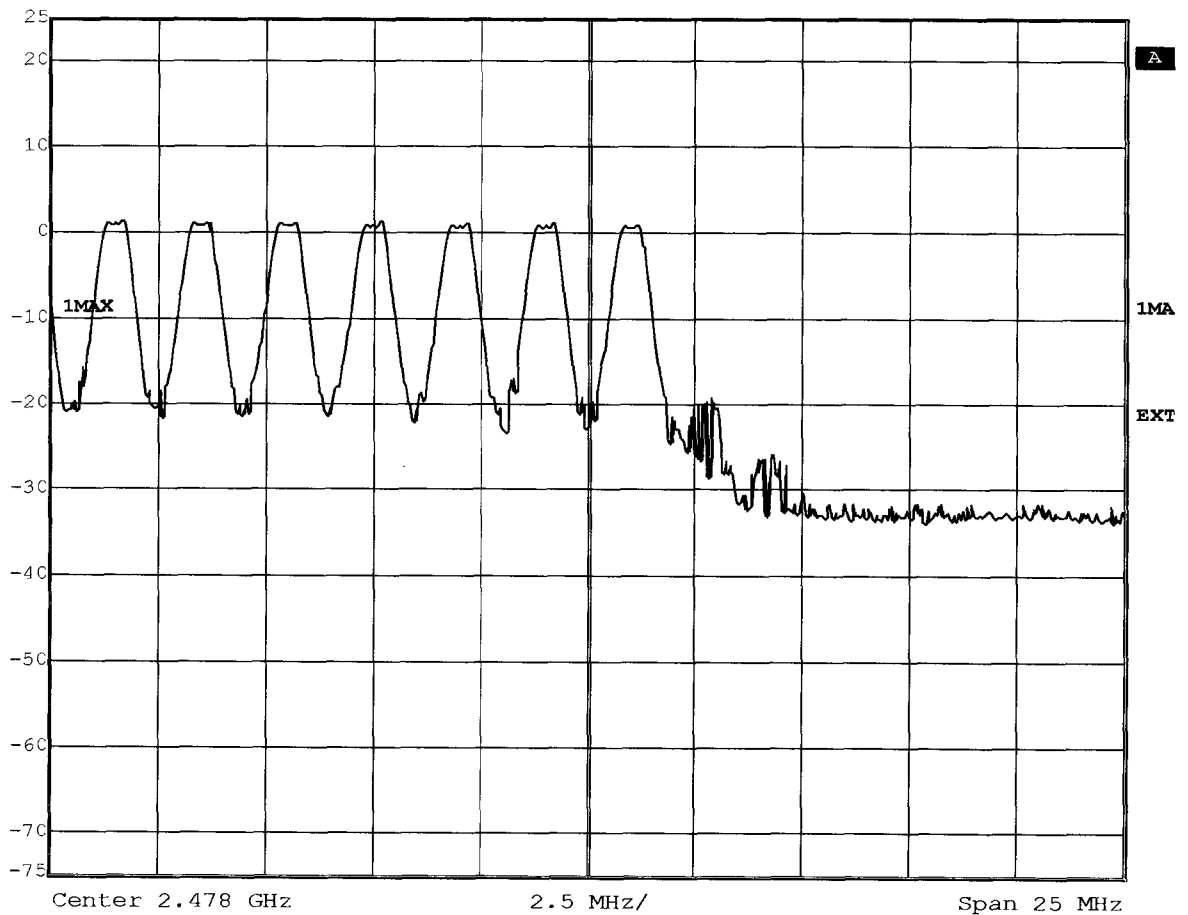


Title: Number of Hopping Frequencies (Master Inquiry Mode)
Comment A: AP1310-BT module
Date: 1.JUL.2005 14:18:23



Ref Lvl
25 dBm

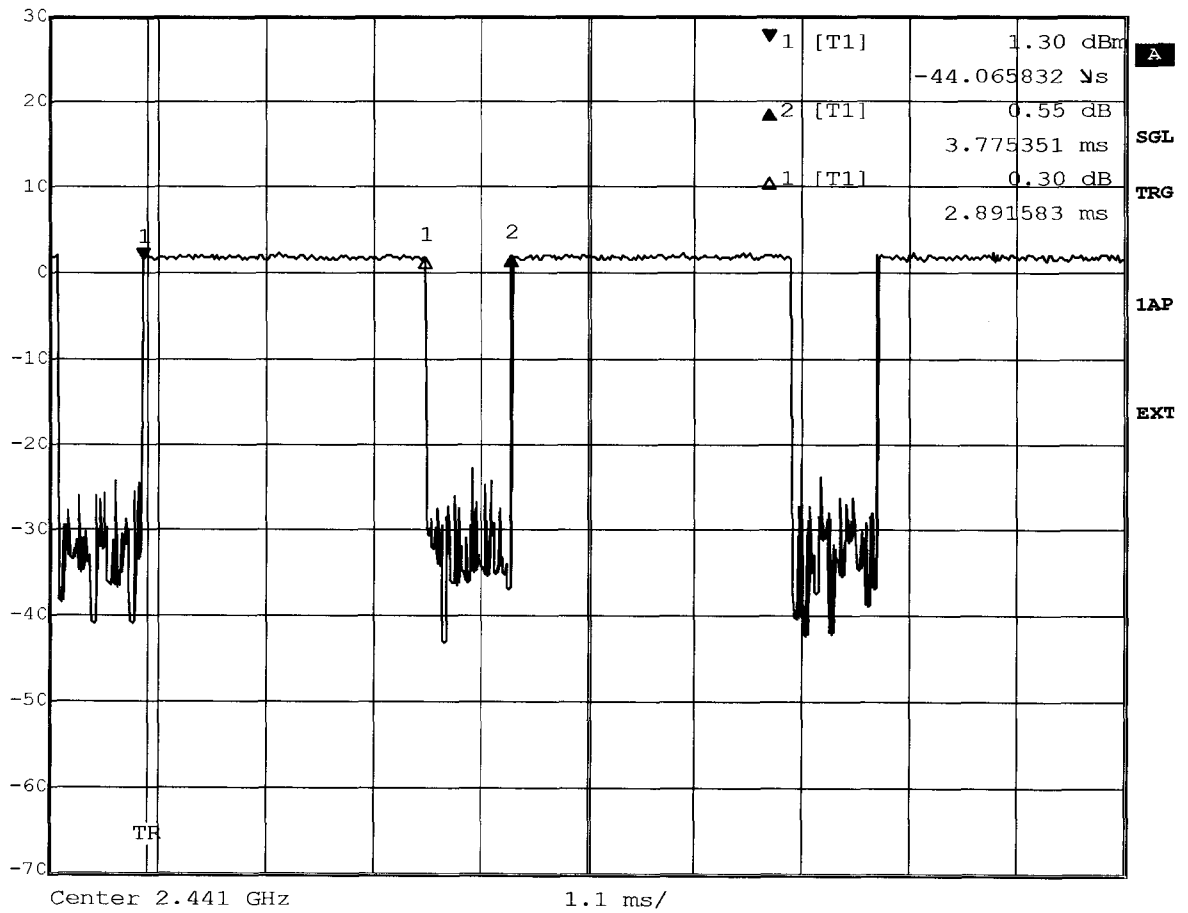
RBW 300 kHz RF Att 50 dB
VBW 300 kHz
SWT 5 ms Unit dBm



Title: Number of Hopping Frequencies (Master Inquiry Mode)
Comment A: AP1310-BT module
Date: 1.JUL.2005 14:20:34



Delta 2 [T1] RBW 1 MHz RF Att 60 dB
Ref Lvl 0.55 dB VBW 1 MHz
30 dBm 3.775351 ms SWT 11 ms Unit dBm

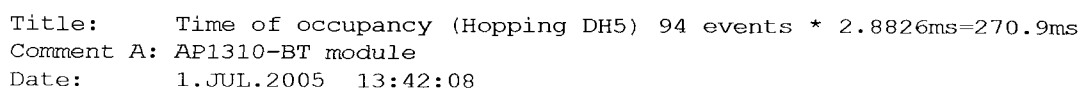


Title: Duty Cycle
Comment A: AP1310-BT module
Date: 1.JUL.2005 12:50:03



Appendix G

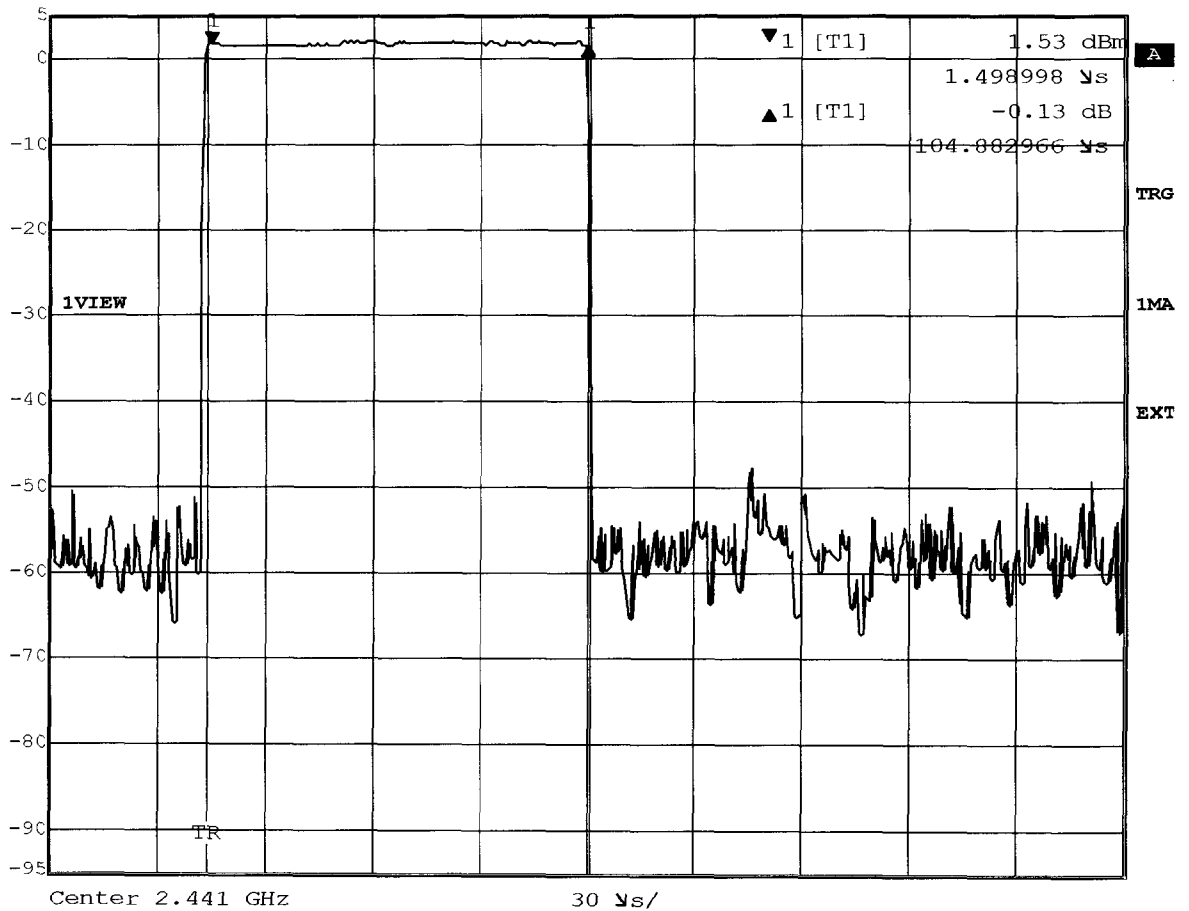
Time of Occupancy (Dwell Time)



Date: 1.JUL.2005 13:42:08



Delta 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl -0.13 dB VBW 1 MHz
5 dBm 104.882966 μ s SWT 300 μ s Unit dBm



Title: Time of occupancy (Inquiry mode) 432 events * 0.105ms=45.4ms
Comment A: AP1310-BT module
Date: 1.JUL.2005 13:53:31

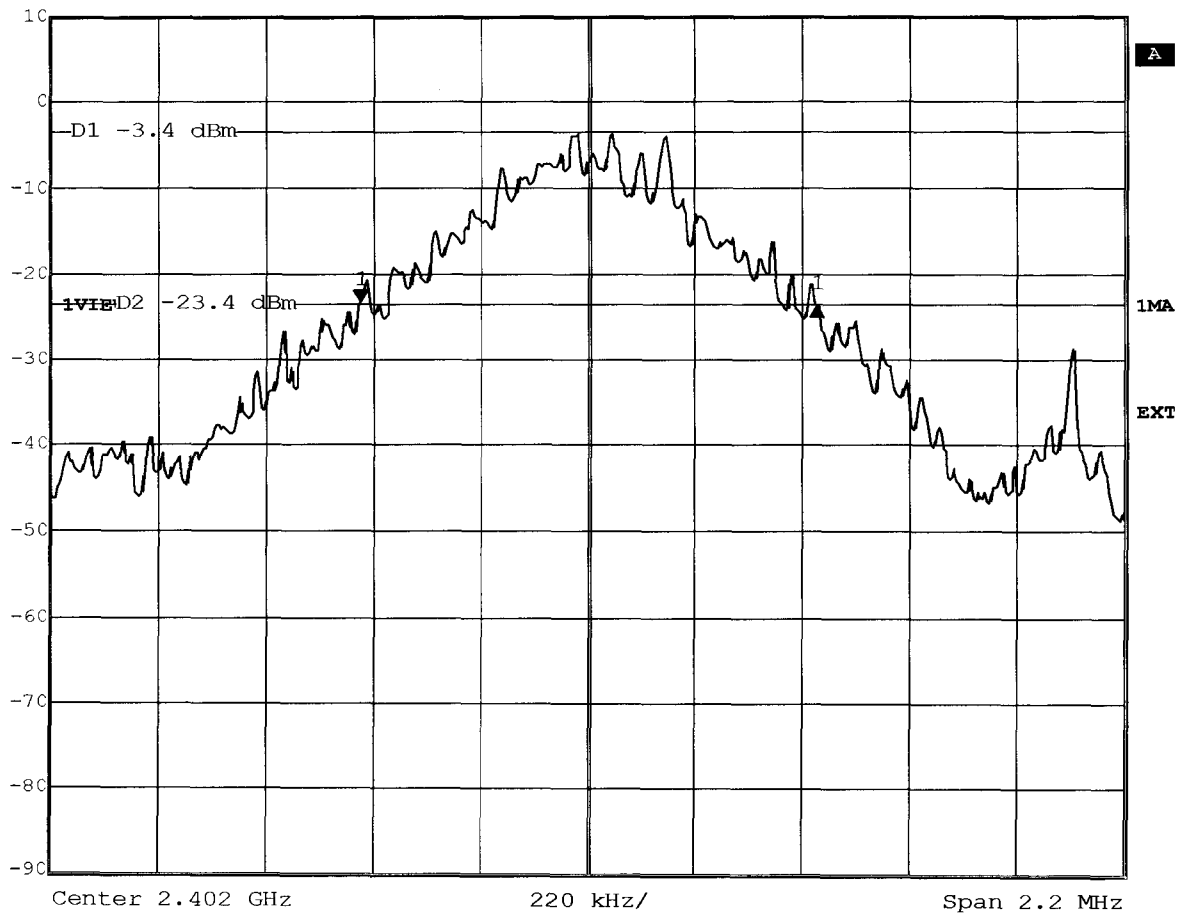


Appendix H

20dB Bandwidth



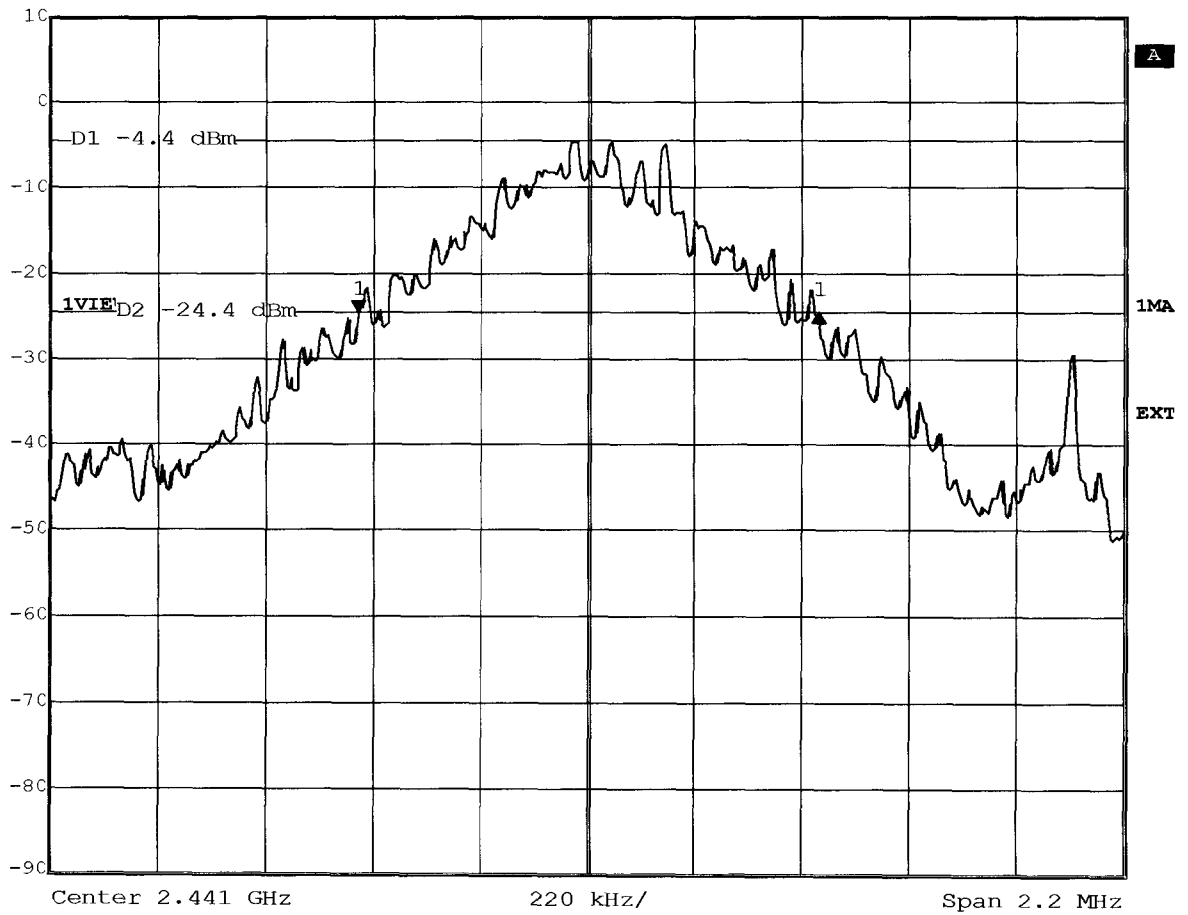
Delta 1 [T1] RBW 10 kHz RF Att 20 dB
Ref Lvl -0.59 dB VBW 10 kHz
10 dBm 934.66933868 kHz SWT 56 ms Unit dBm



Title: -20dB Bandwidth Ch.: 0
Comment A: AP1310-BT module
Date: 1.JUL.2005 11:21:03



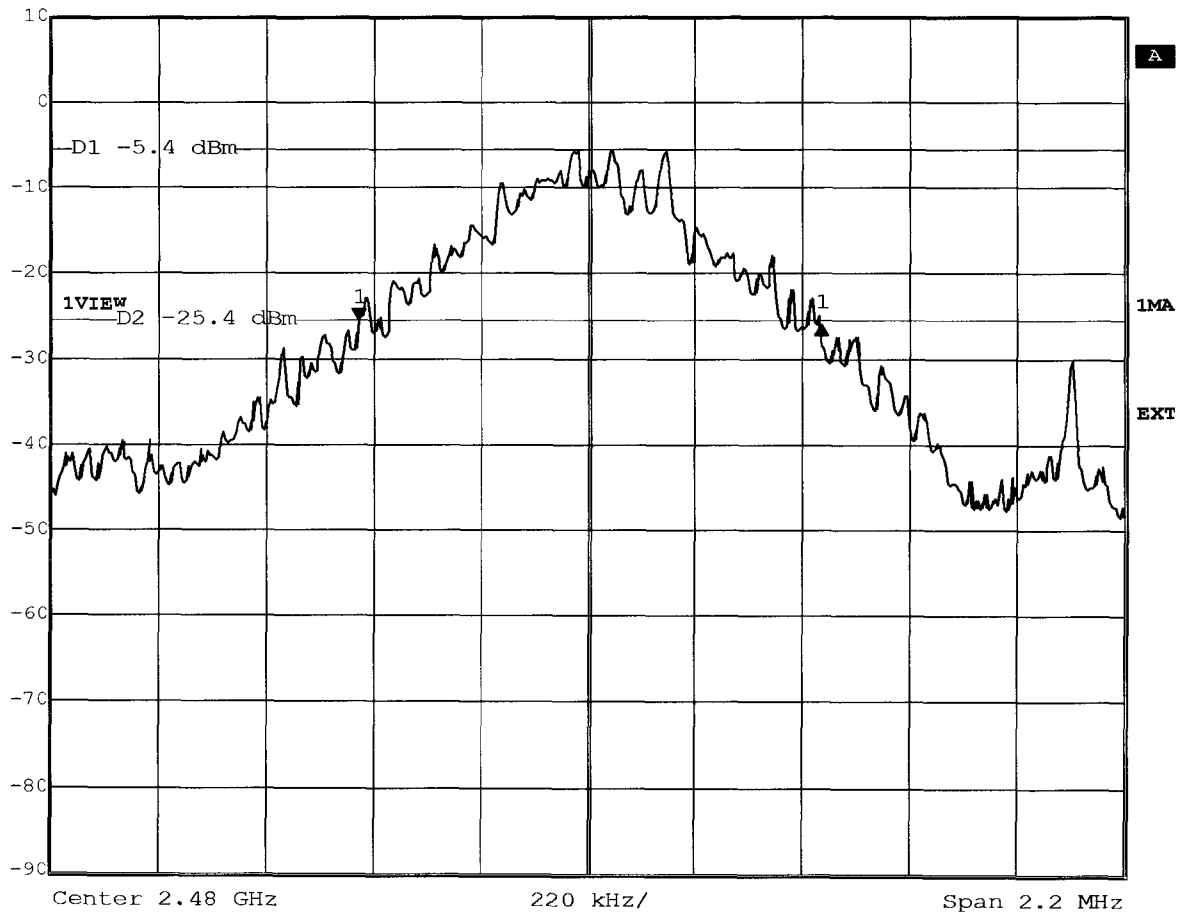
Delta 1 [T1] RBW 10 kHz RF Att 20 dB
Ref Lvl -0.13 dB VBW 10 kHz
10 dBm 943.48697395 kHz SWT 56 ms Unit dBm



Title: -20dB Bandwidth Ch.: 39
Comment A: AP1310-BT module
Date: 1.JUL.2005 11:23:43



Delta 1 [T1] RBW 10 kHz RF Att 20 dB
Ref Lvl -0.39 dB VBW 10 kHz
10 dBm 947.89579158 kHz SWT 56 ms Unit dBm



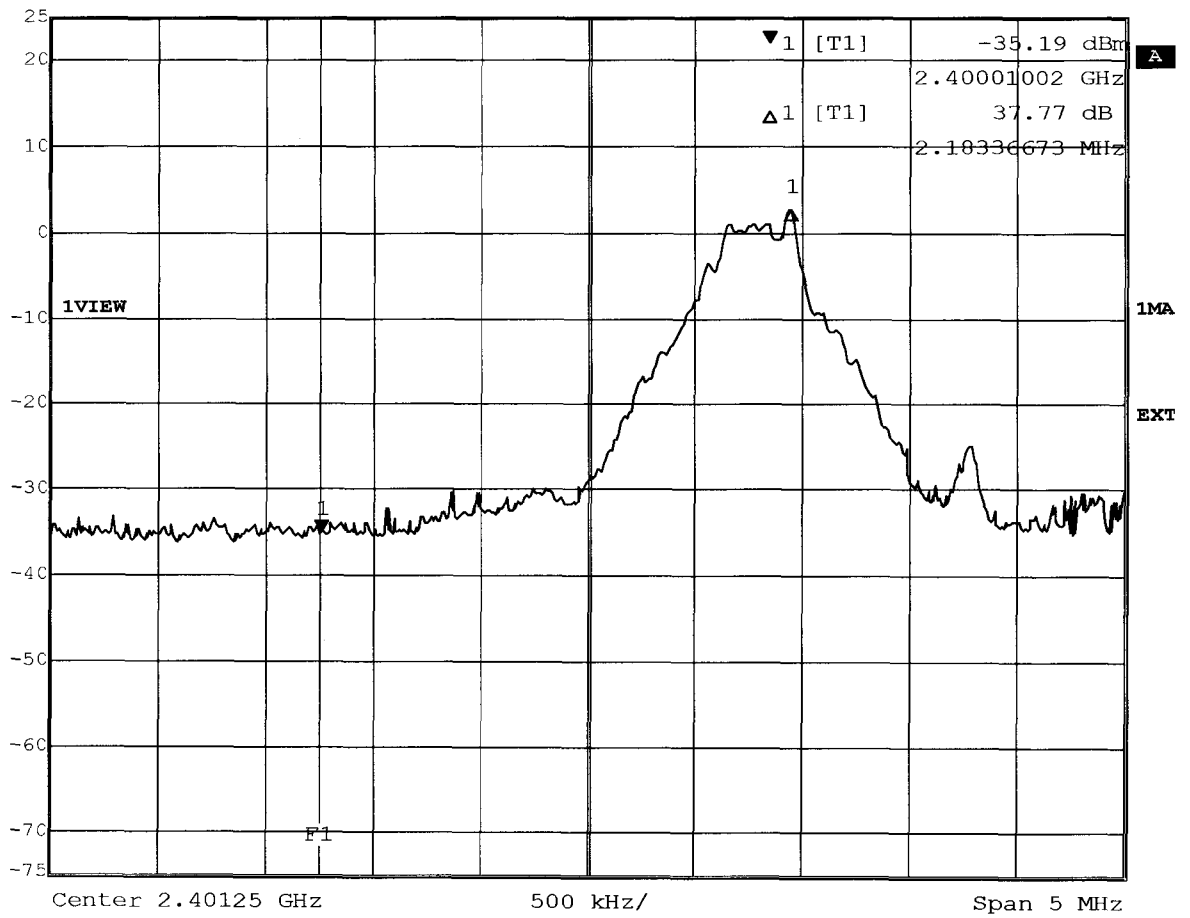
Title: -20dB Bandwidth Ch.: 78
Comment A: AP1310-BT module
Date: 1.JUL.2005 11:26:22

Appendix I

Band-edge Compliance of RF Emissions



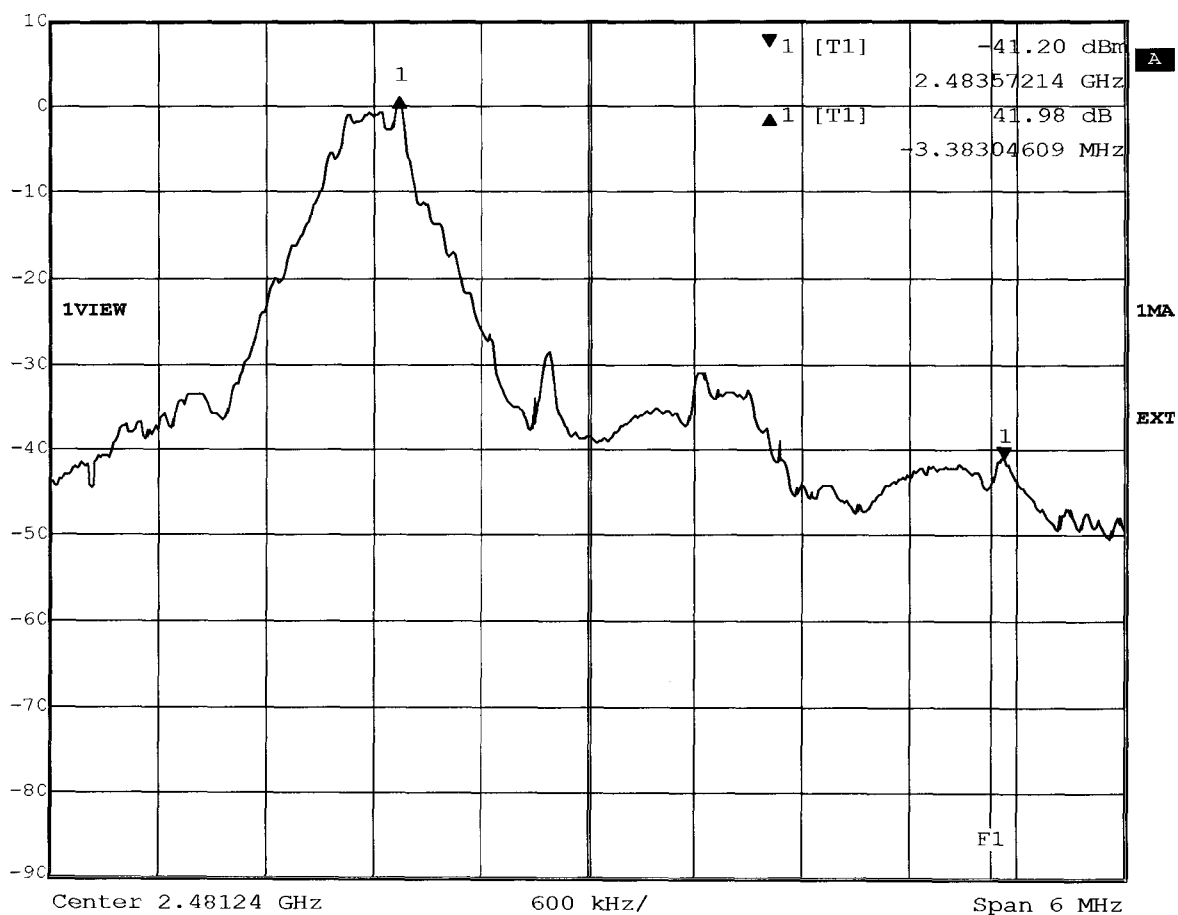
Marker 1 [T1] RBW 50 kHz RF Att 50 dB
Ref Lvl -35.19 dBm VBW 50 kHz
25 dBm 2.40001002 GHz SWT 5 ms Unit dBm



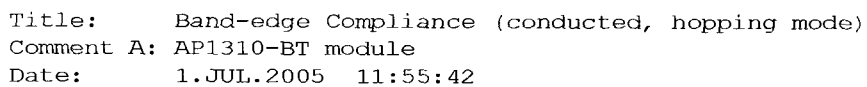
Title: Band-edge Compliance (conducted, ch 0, single frequency)
Comment A: AP1310-BT module
Date: 1.JUL.2005 11:37:11



Delta 1 [T1] RBW 50 kHz RF Att 20 dB
Ref Lvl 41.98 dB VBW 50 kHz
10 dBm -3.38304609 MHz SWT 6 ms Unit dBm



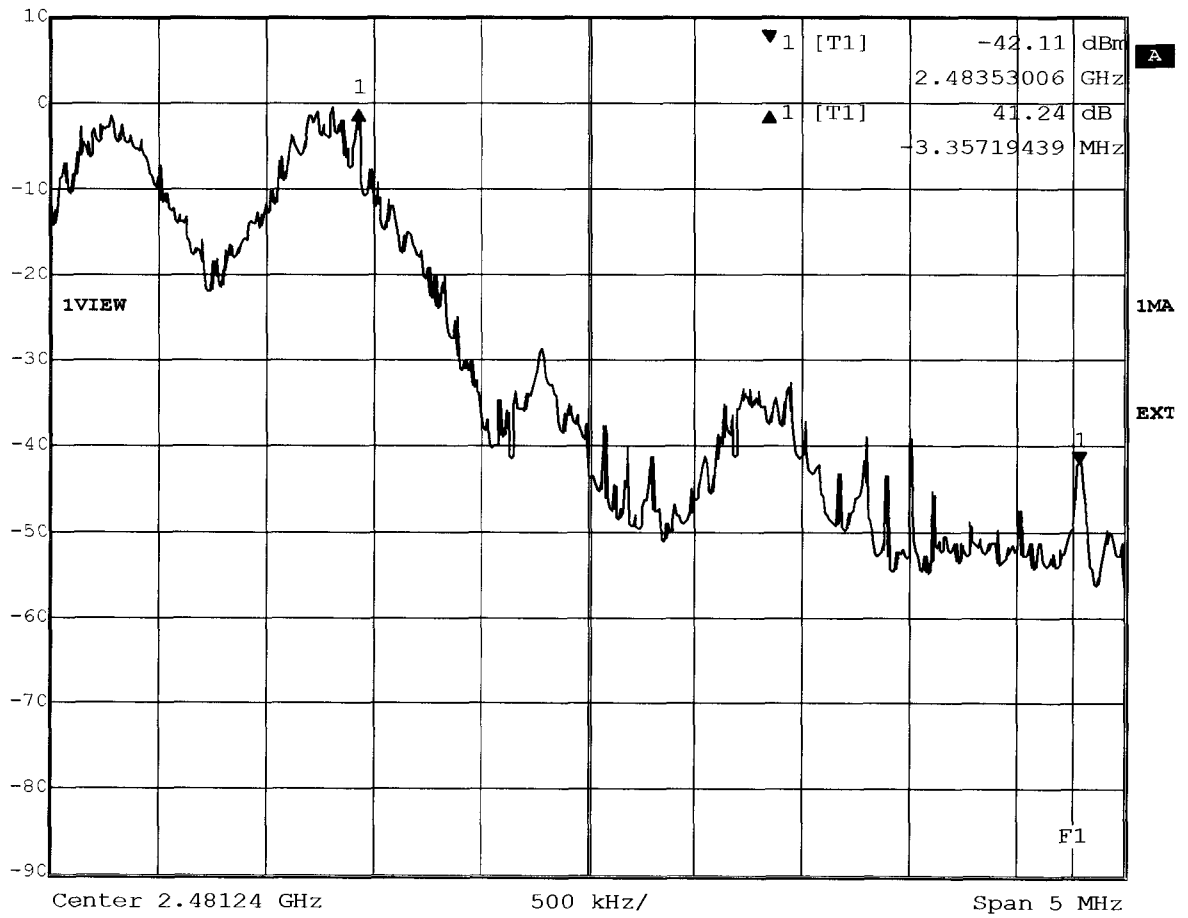
Title: Band-edge Compliance (conducted, ch 78, single frequency)
Comment A: AP1310-BT module
Date: 1.JUL.2005 11:34:37



Date: 1.JUL.2005 11:55:42



Delta 1 [T1] RBW 50 kHz RF Att 20 dB
Ref Lvl 41.24 dB VBW 50 kHz
10 dBm -3.35719439 MHz SWT 5 ms Unit dBm



Title: Band-edge Compliance (conducted, hopping mode)
Comment A: AP1310-BT module
Date: 1.JUL.2005 11:52:34

Appendix J

Conducted Measurement at (AC) Power Line