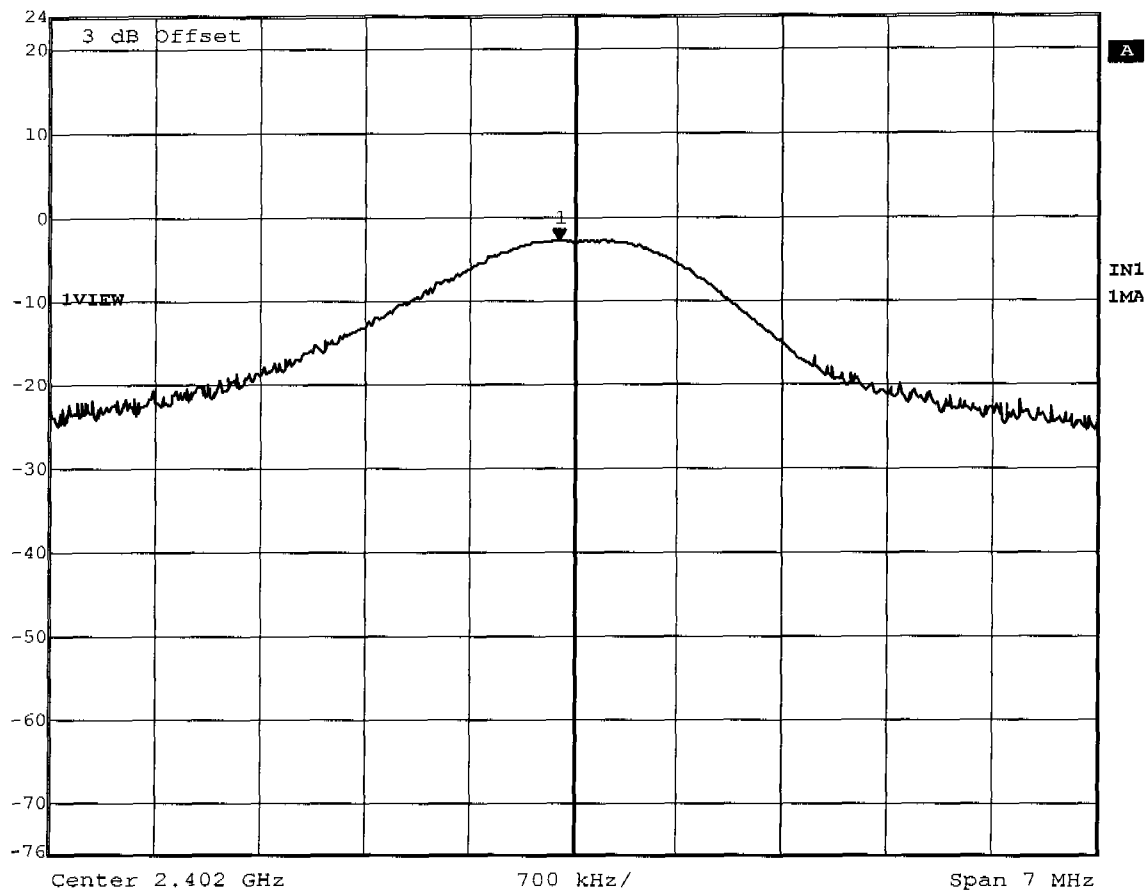


## **Appendix B**

Peak Output Power



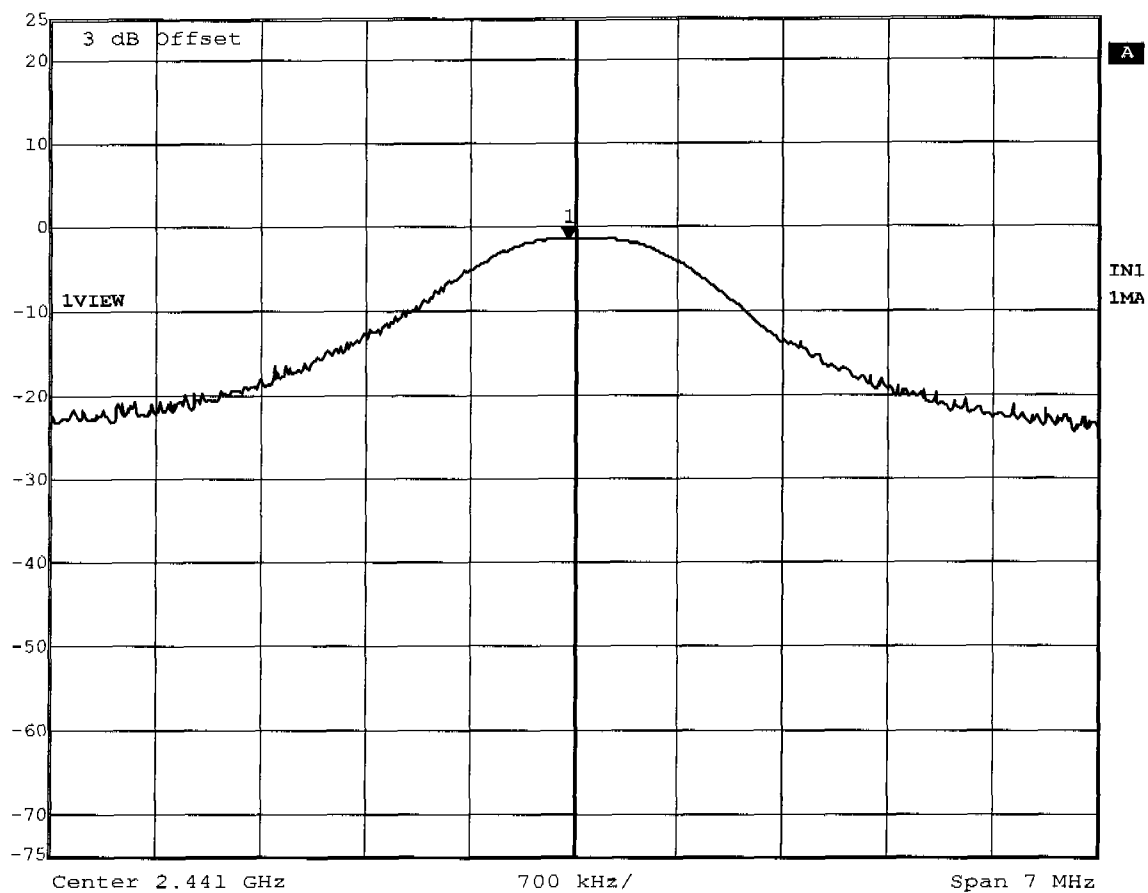
|               |                |       |        |          |
|---------------|----------------|-------|--------|----------|
| Marker 1 [T1] | RBW            | 1 MHz | RF Att | 50 dB    |
| Ref Lvl       | -2.82 dBm      | VBW   | 1 MHz  |          |
| 24 dBm        | 2.40190882 GHz | SWT   | 5 ms   | Unit dBm |



Title: Peak Output Power Conducted Ch.: 0  
Comment A: DBH80 series  
Date: 26.FEB.2004 08:52:41



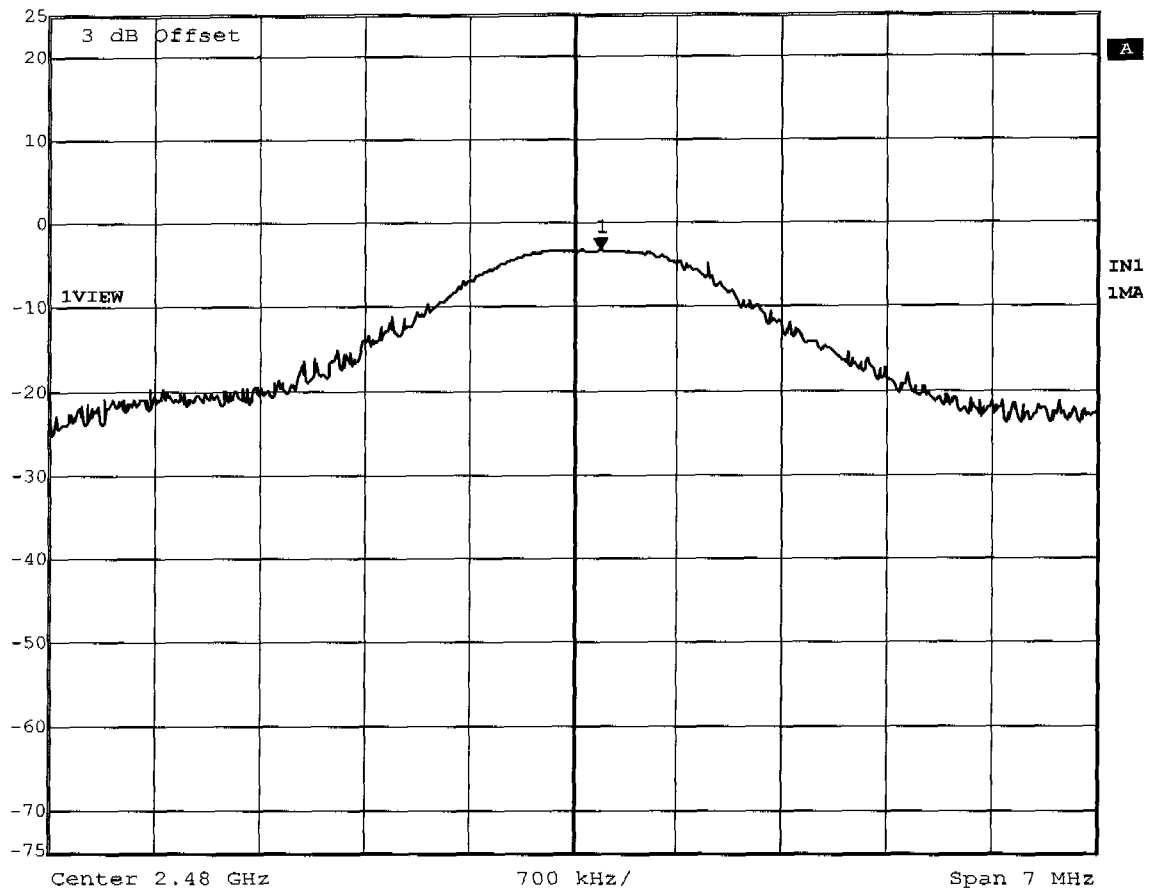
|         |                |     |       |        |       |
|---------|----------------|-----|-------|--------|-------|
| Ref Lvl | Marker 1 [T1]  | RBW | 1 MHz | RF Att | 50 dB |
| 25 dBm  | -1.62 dBm      | VBW | 1 MHz |        |       |
|         | 2.44096493 GHz | SWT | 5 ms  | Unit   | dBm   |



Title: Peak Output Power Conducted Ch.: 39  
Comment A: DBH80 series  
Date: 26.FEB.2004 09:00:05



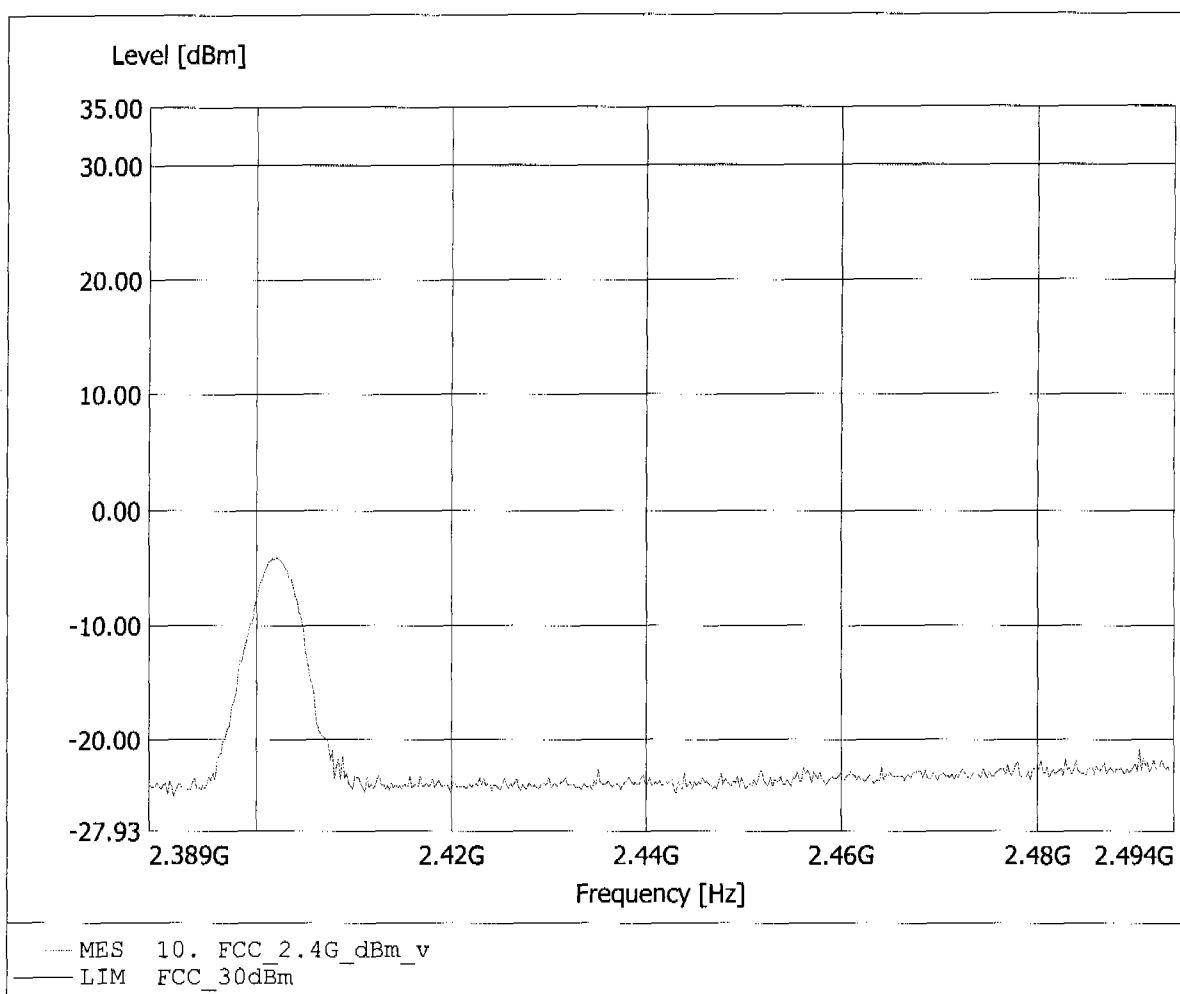
Marker 1 [T1] RBW 1 MHz RF Att 50 dB  
Ref Lvl -3.48 dBm VBW 1 MHz  
25 dBm 2.48018938 GHz SWT 5 ms Unit dBm



Title: Peak Output Power Conducted Ch.: 78  
Comment A: DBH80 series  
Date: 26.FEB.2004 09:05:48

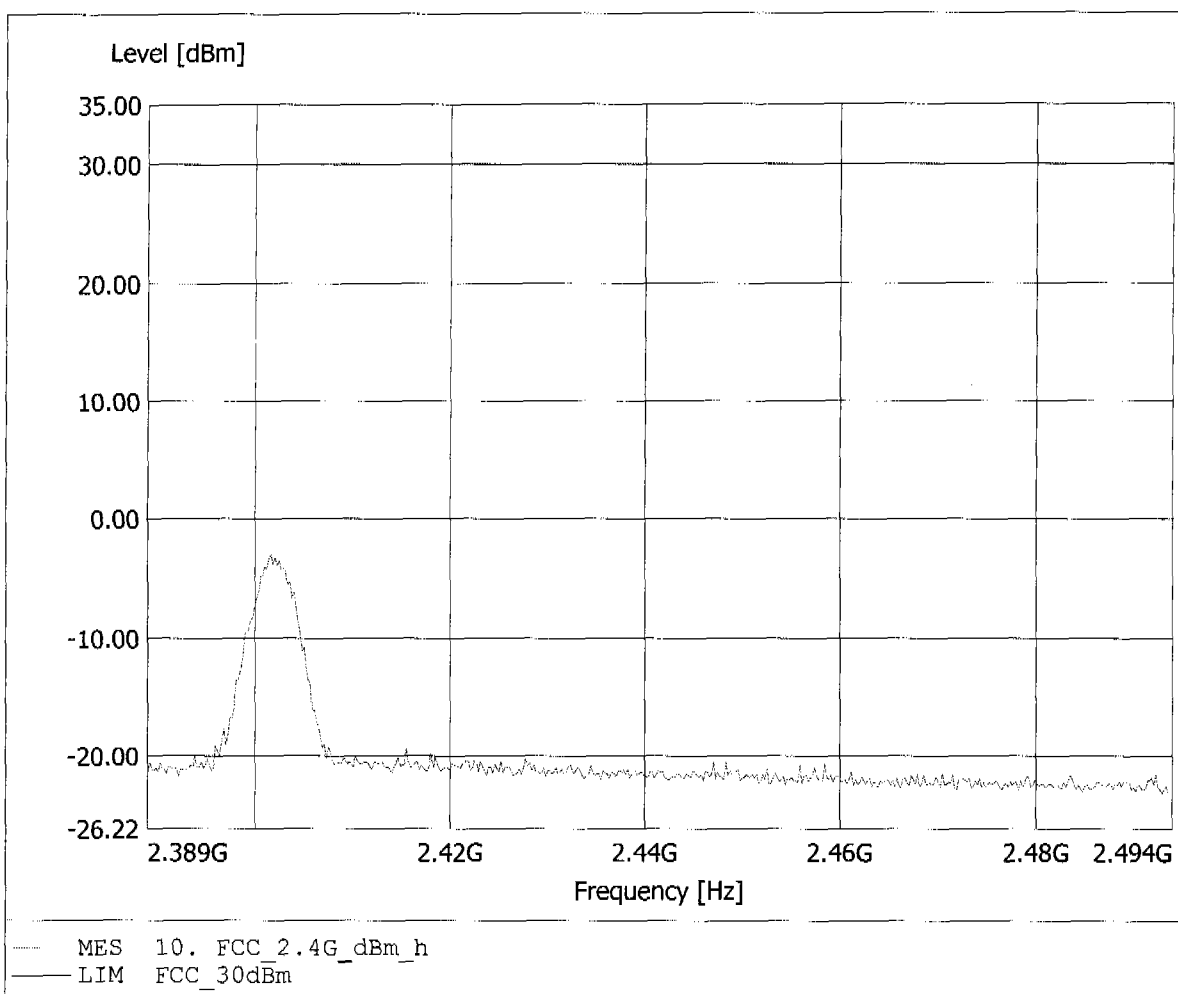
**Carrier power (dBm)**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2402 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.402GHz, Pmax: -4.05dBm, RBW: 5MHz



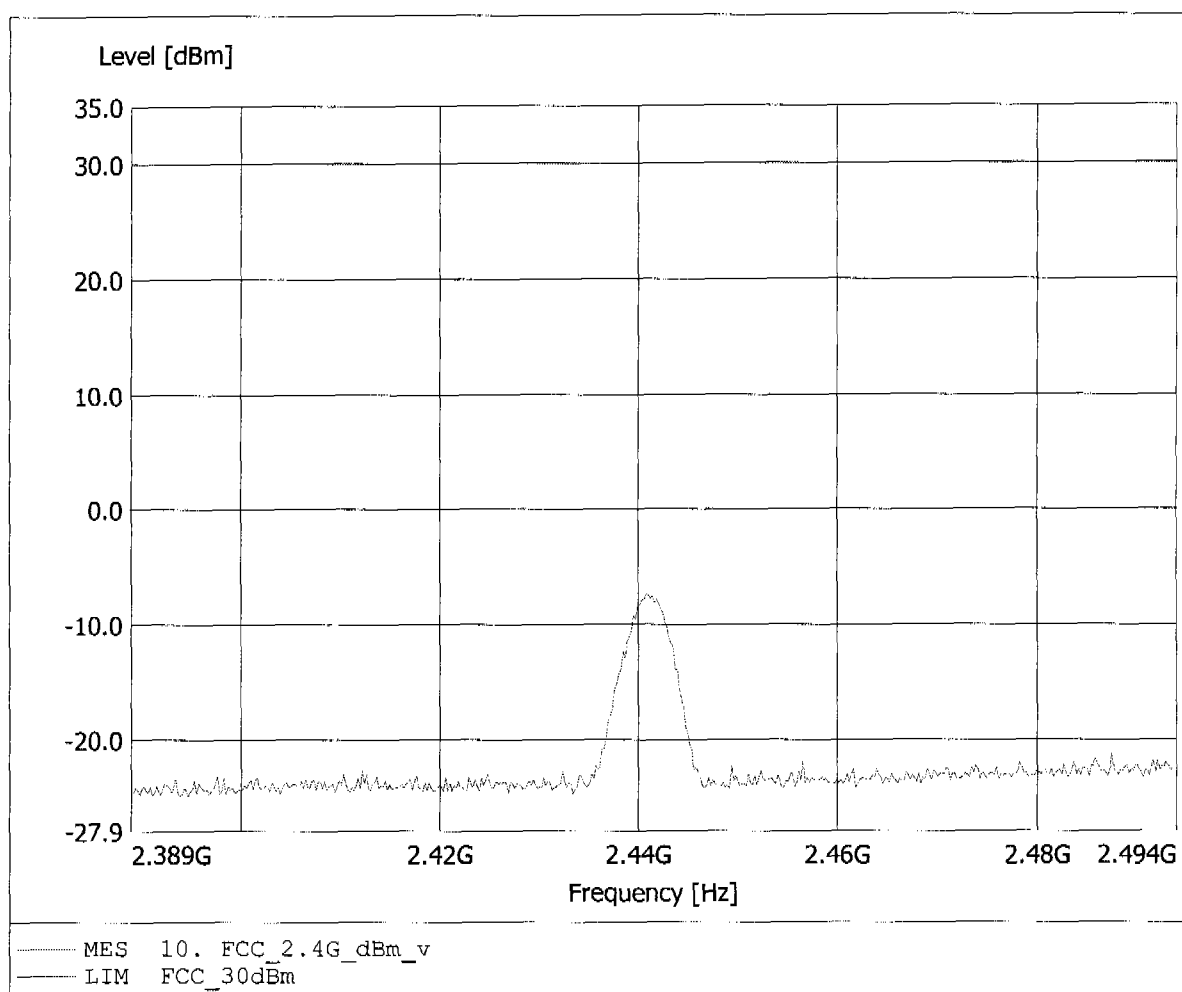
**Carrier power (dBm)**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2402 MHz  
 Model: DBH80 series  
 Approval Holder: SunMicrotel (M) Sdn Bhd  
 Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
 Test Site / Operator: ETS / Mr. Hoppe  
 Test Specification: according to §15.247  
 Comment 1: Dist.: 3m, Ant.: BBHA9120D  
 Comment 2: Freq: 2.402GHz, Pmax: -2.98dBm, RBW: 5MHz



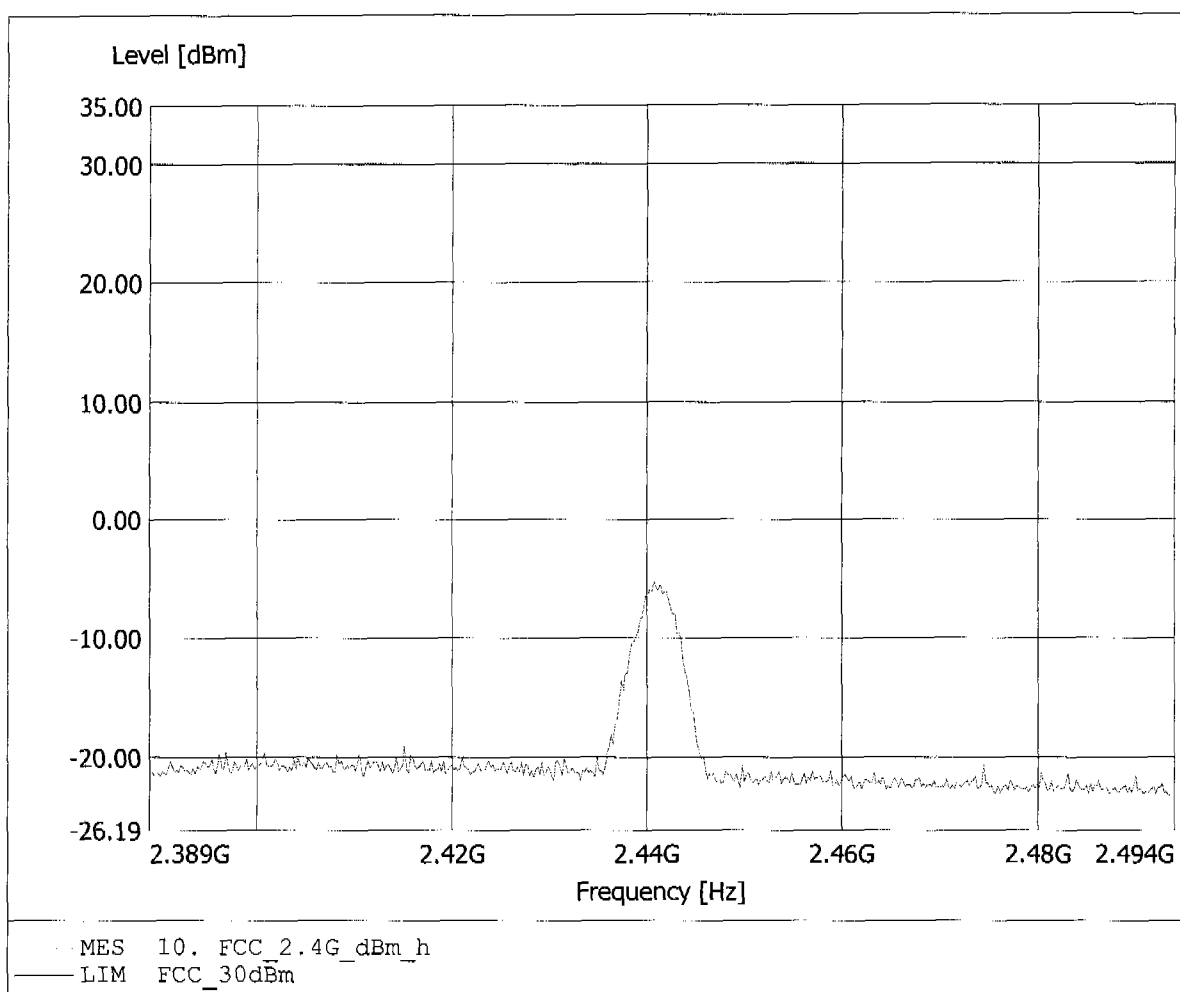
**Carrier power (dBm)**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2441 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.441GHz, Pmax: -7.42dBm, RBW: 5MHz



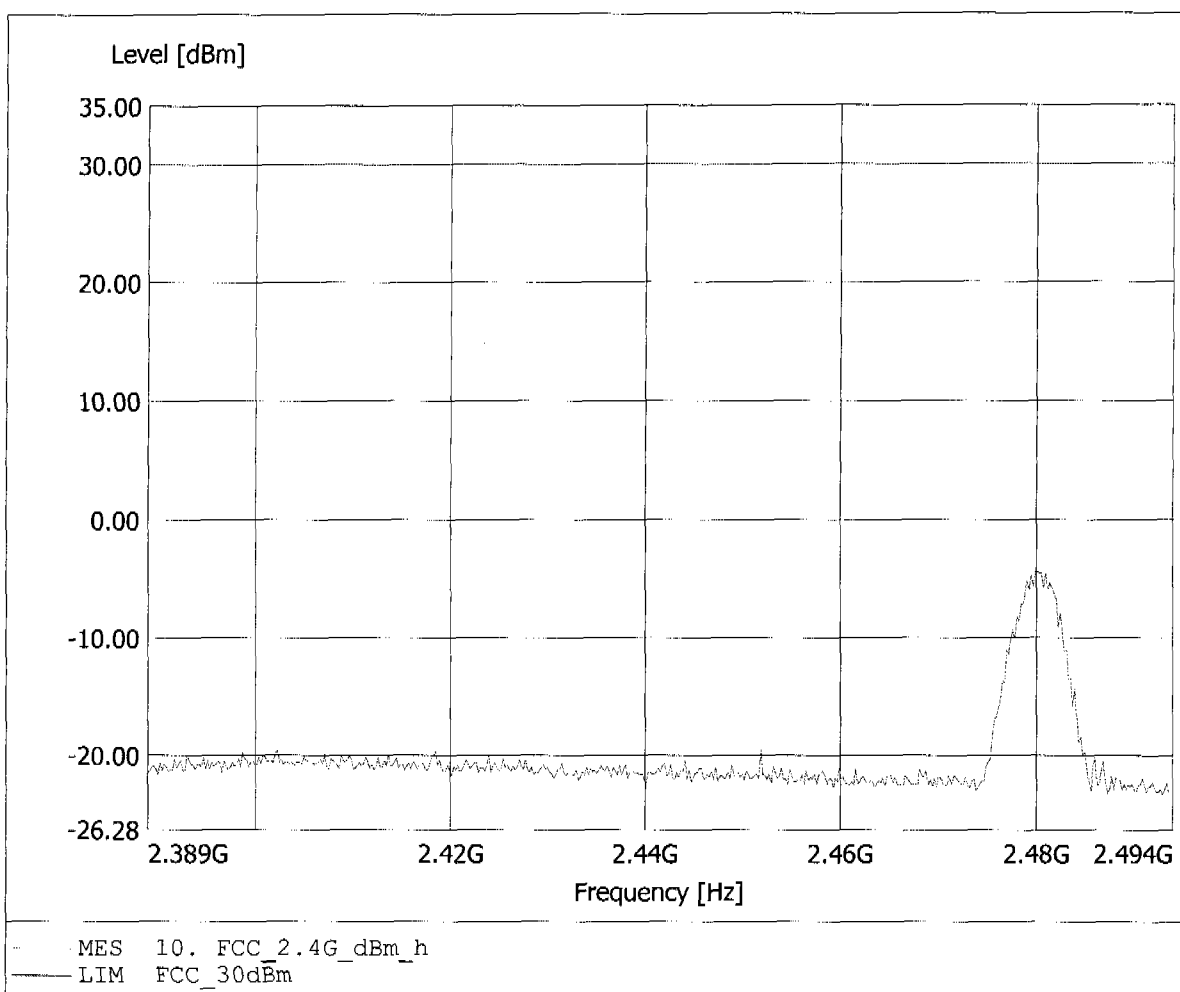
**Carrier power (dBm)**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2441 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.441GHz, Pmax: -5.30dBm, RBW: 5MHz



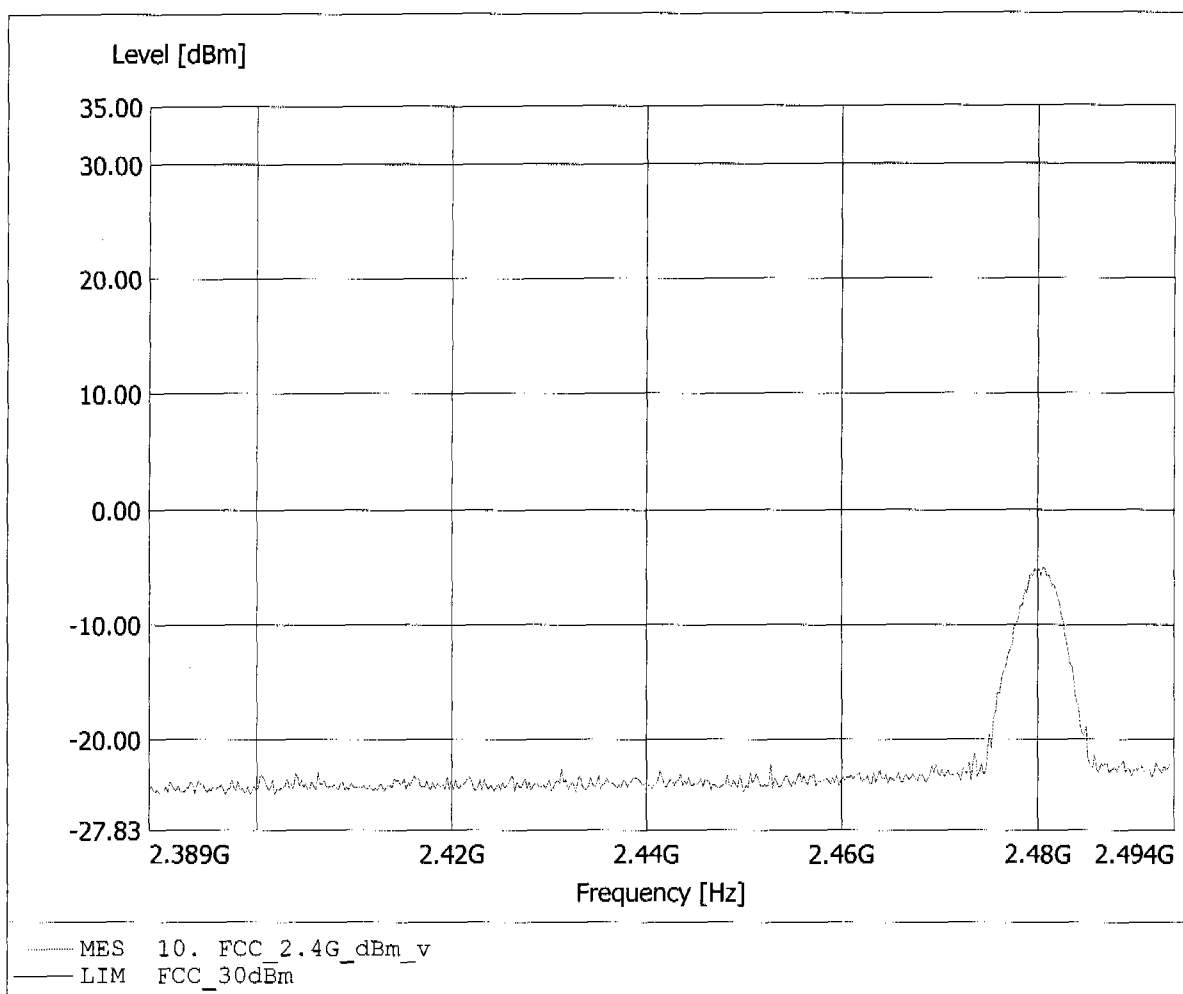
**Carrier power (dBm)**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2480 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.480GHz, Pmax: -4.43dBm, RBW: 5MHz



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

EUT: Bluetooth Headset / Pmax / 2480 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.481GHz, Pmax: -5.01dBm, RBW: 5MHz

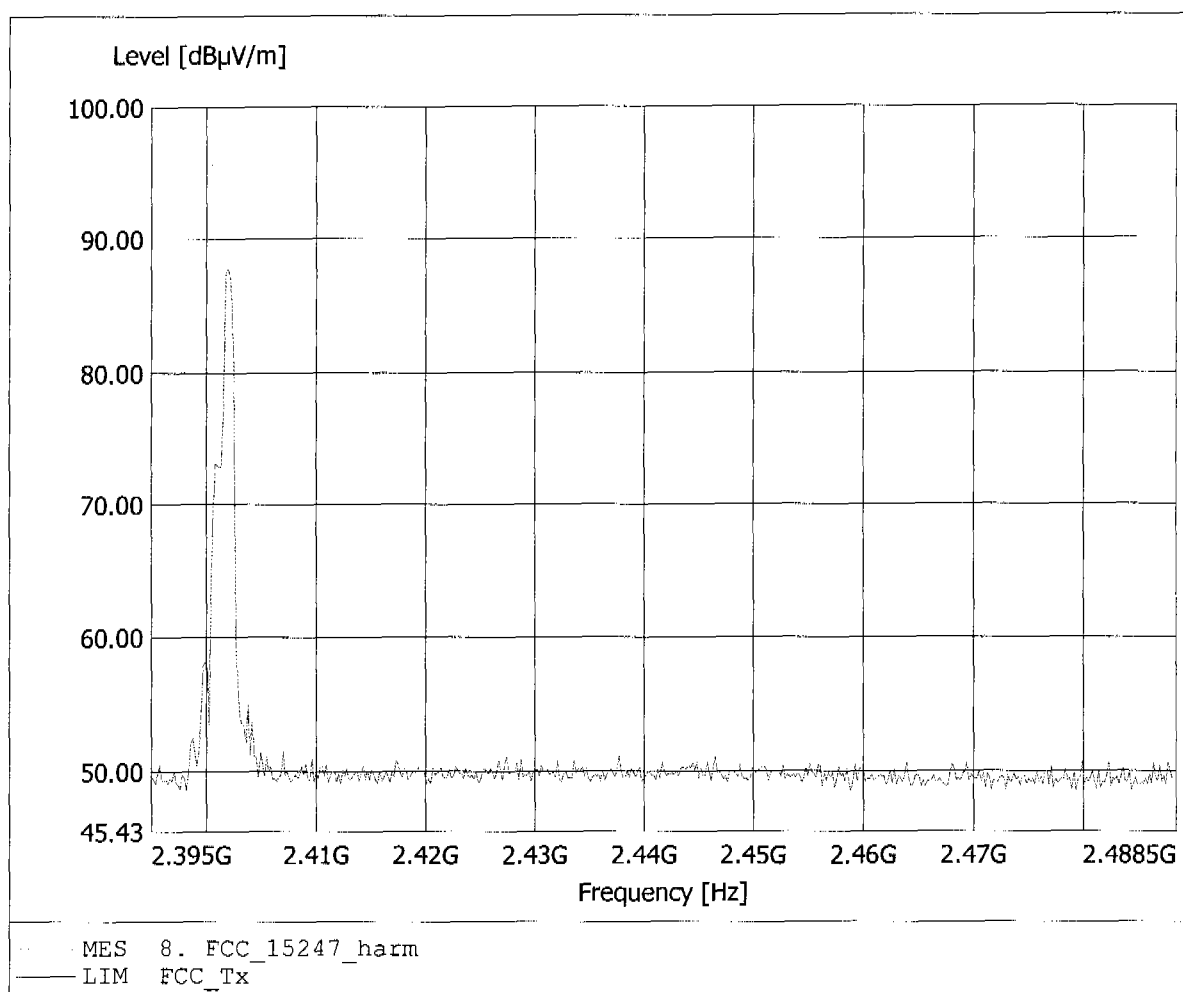


## Appendix C

Spurious Emissions radiated - Transmitter operating

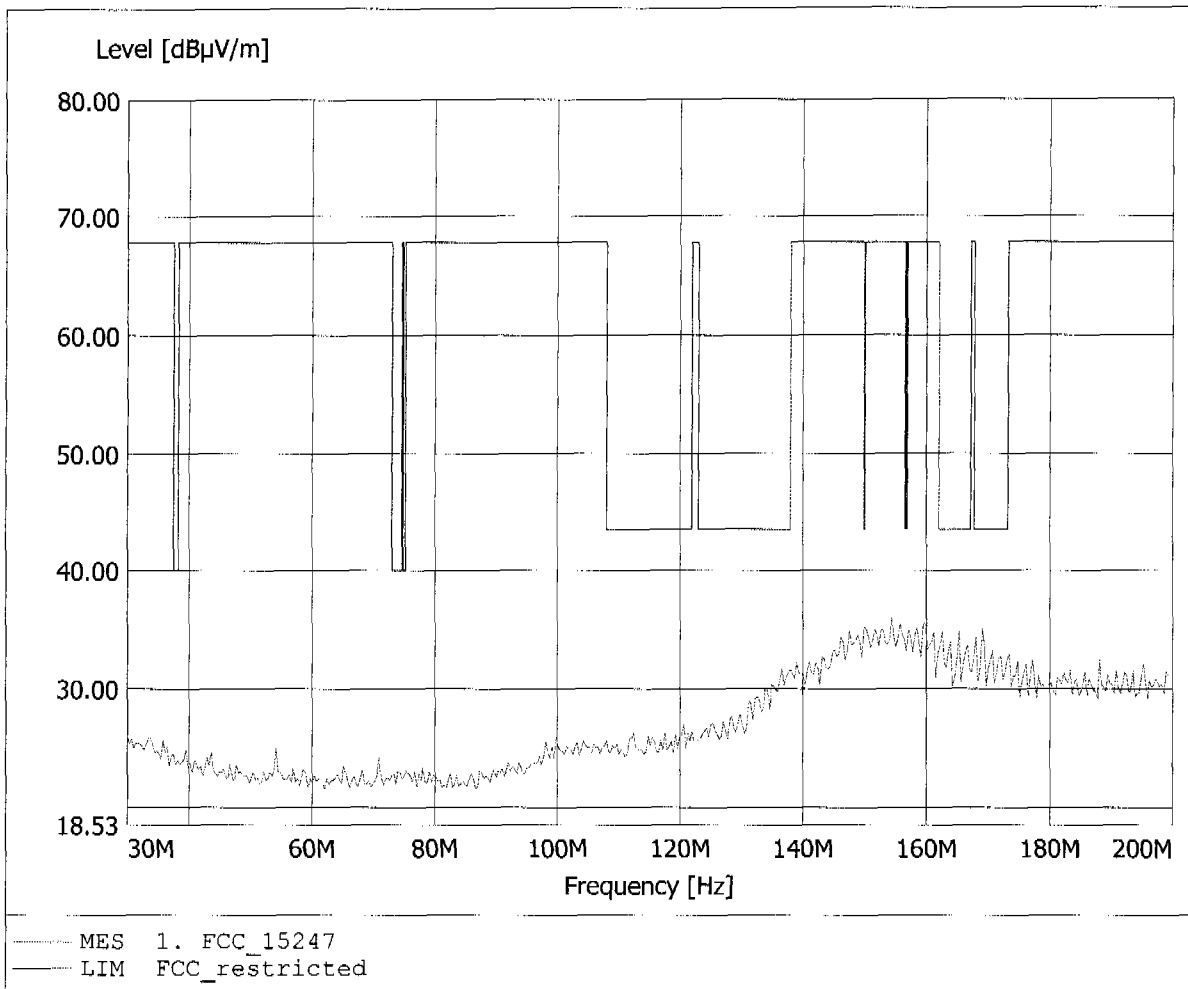
**Carrier power (Field Strength)**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2402 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.402GHz, Emax: 87.77dBµV/m, RBW: 100kHz



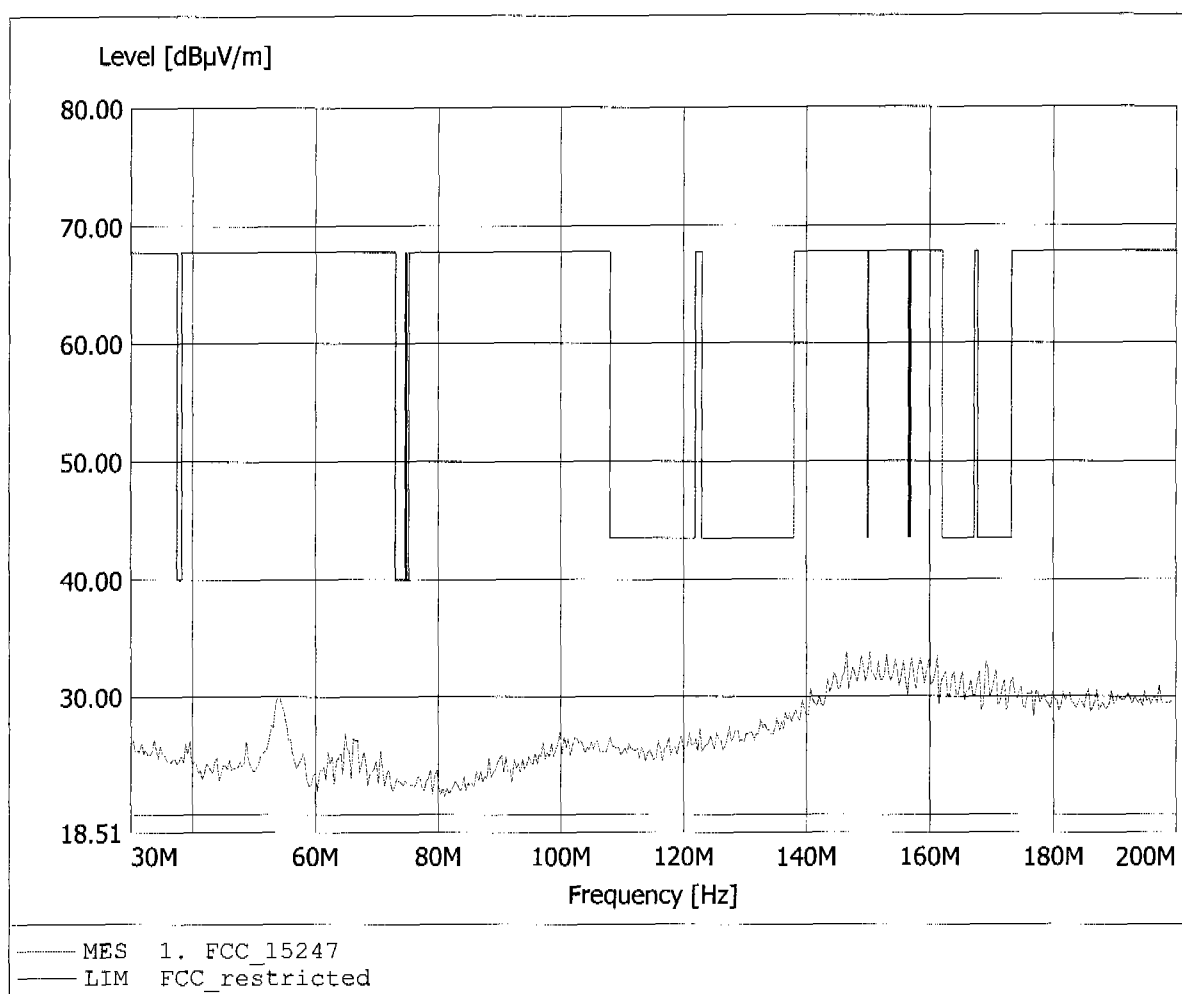
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2480 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 154.349MHz, Emax: 35.94dBµV/m, RBW: 100kHz



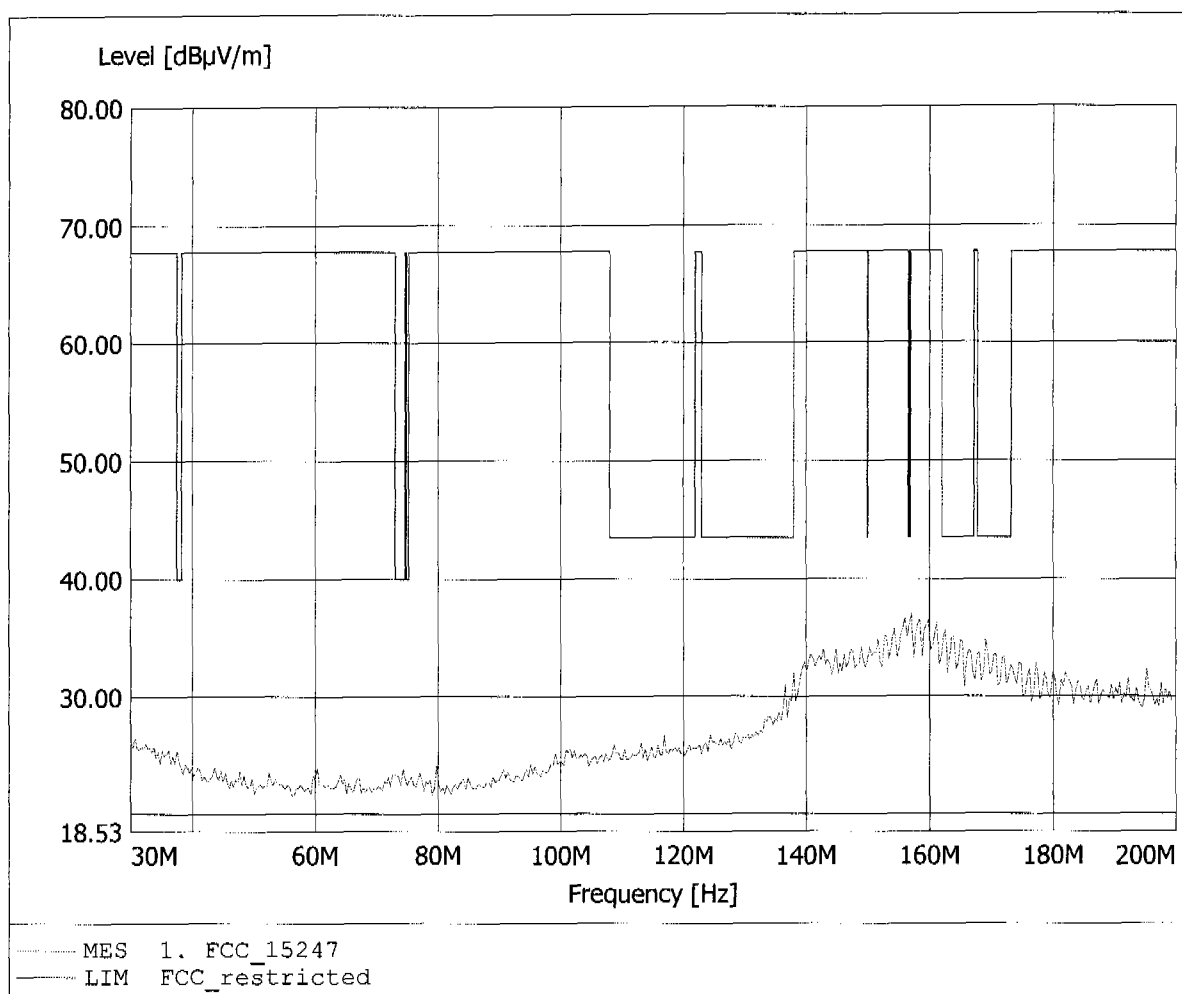
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2480 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 146.513MHz, Emax: 33.85dBµV/m, RBW: 100kHz



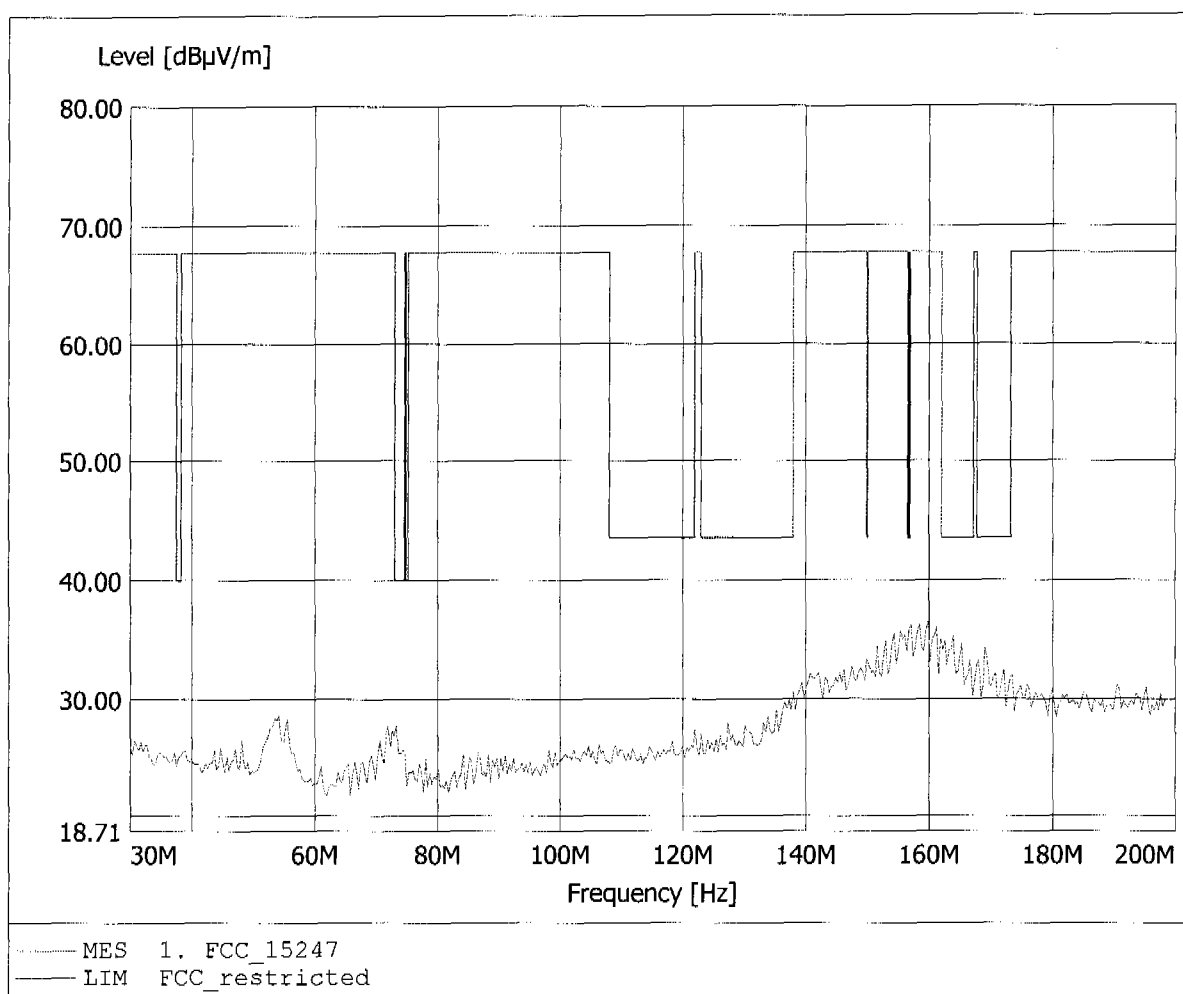
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2402 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 157.074MHz, Emax: 37.06dBµV/m, RBW: 100kHz



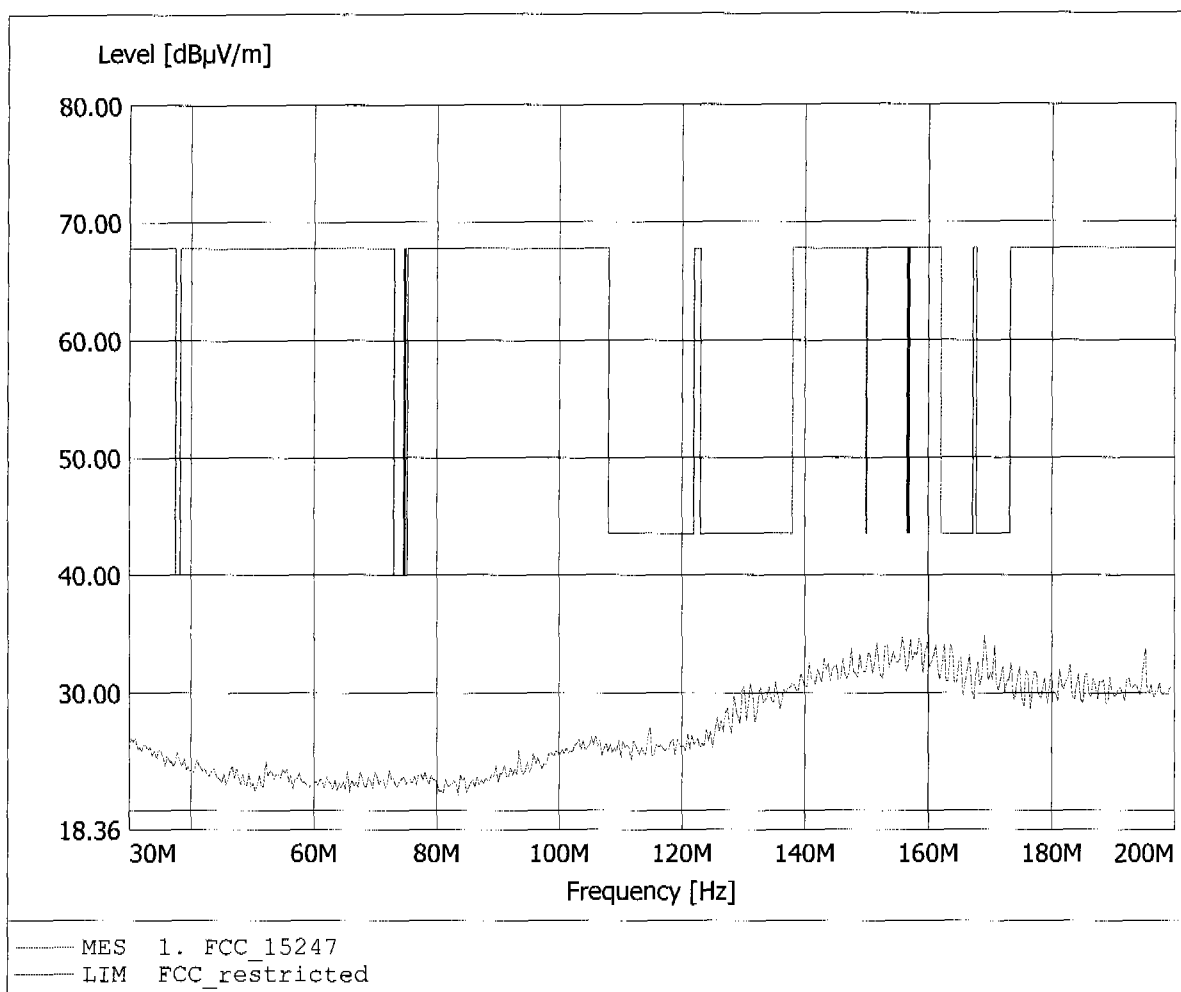
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2402 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 159.800MHz, Emax: 36.54dBµV/m, RBW: 100kHz



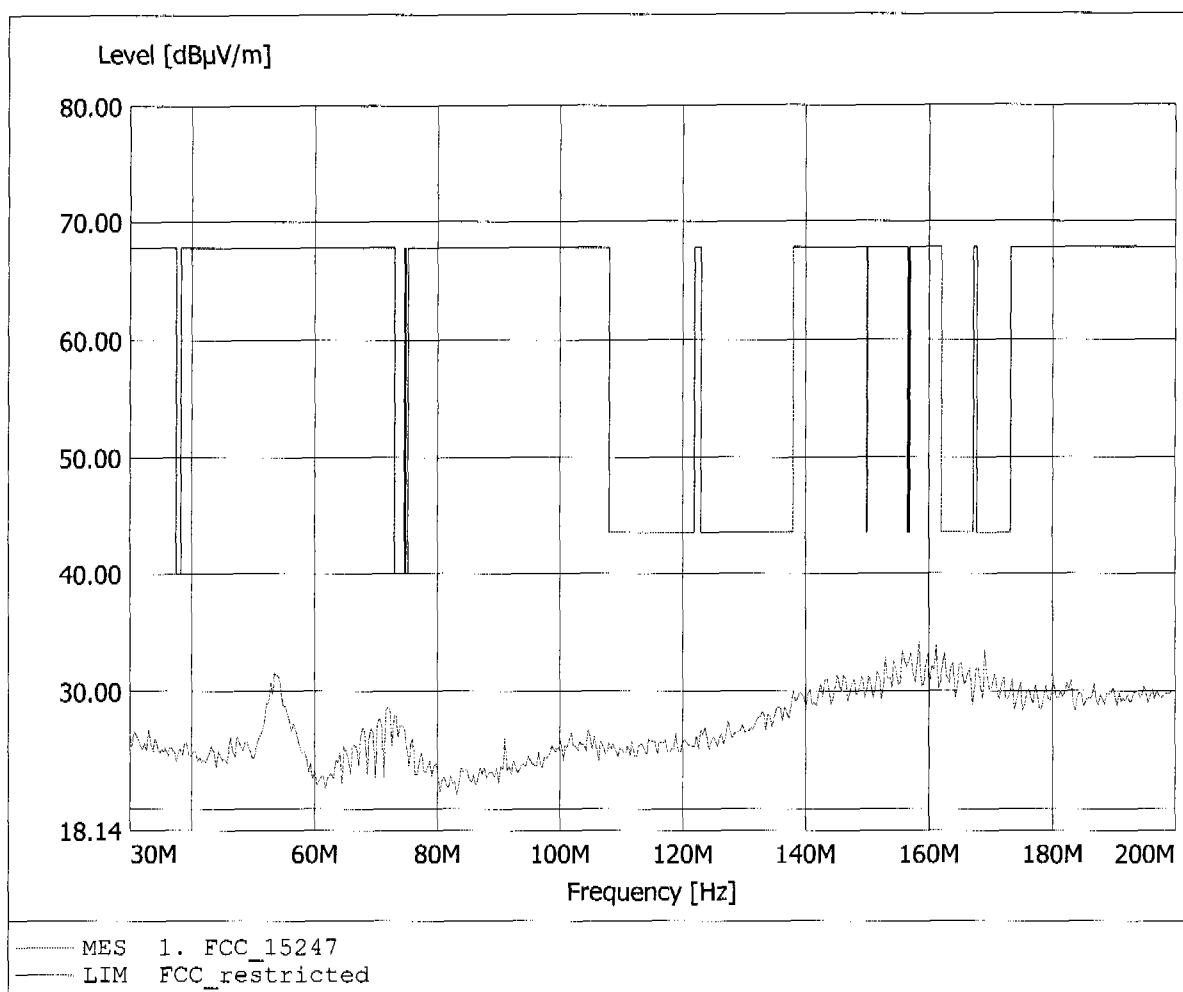
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2441 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 168.998MHz, Emax: 34.82dBµV/m, RBW: 100kHz



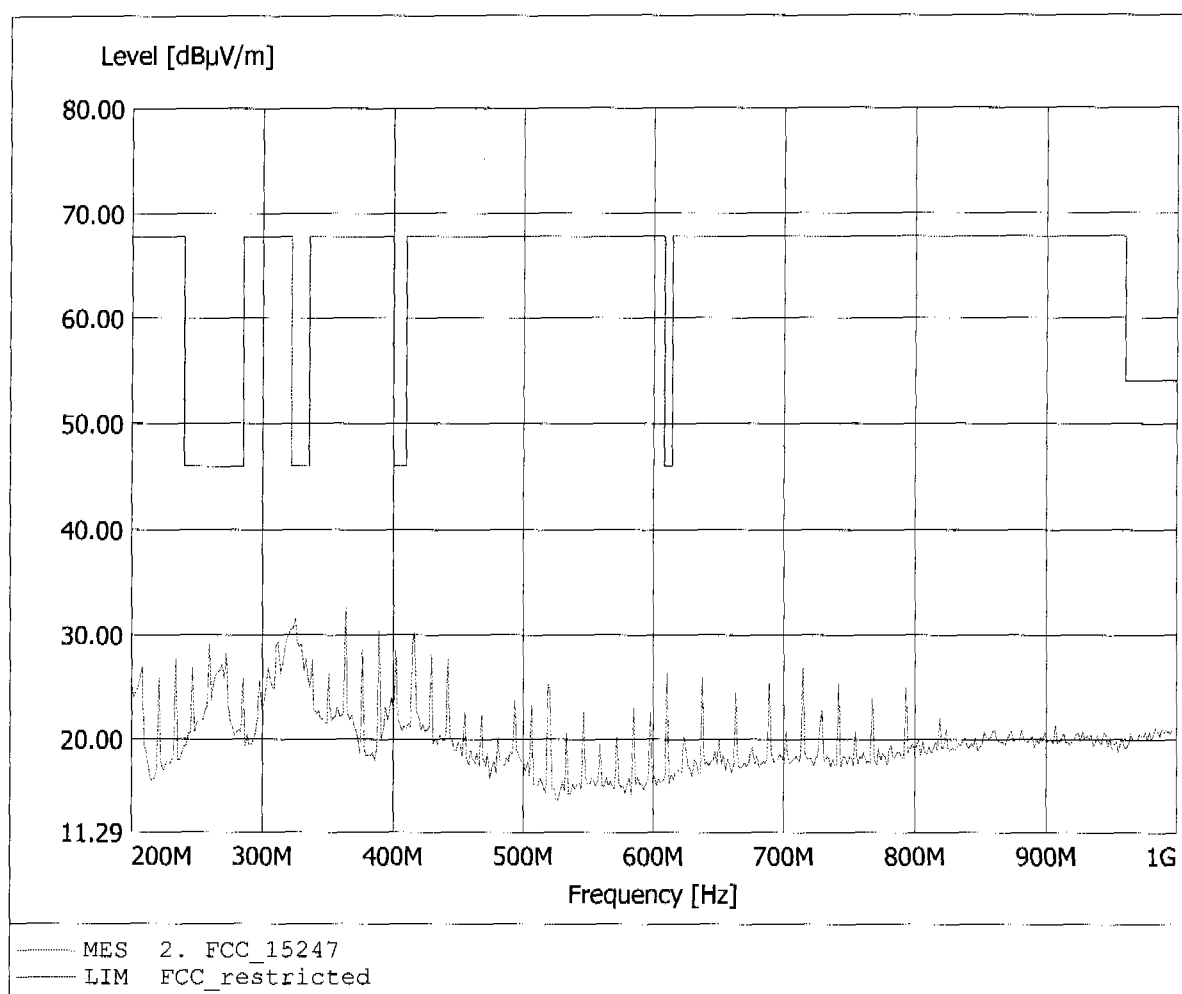
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2441 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 158.437MHz, Emax: 34.12dBµV/m, RBW: 100kHz



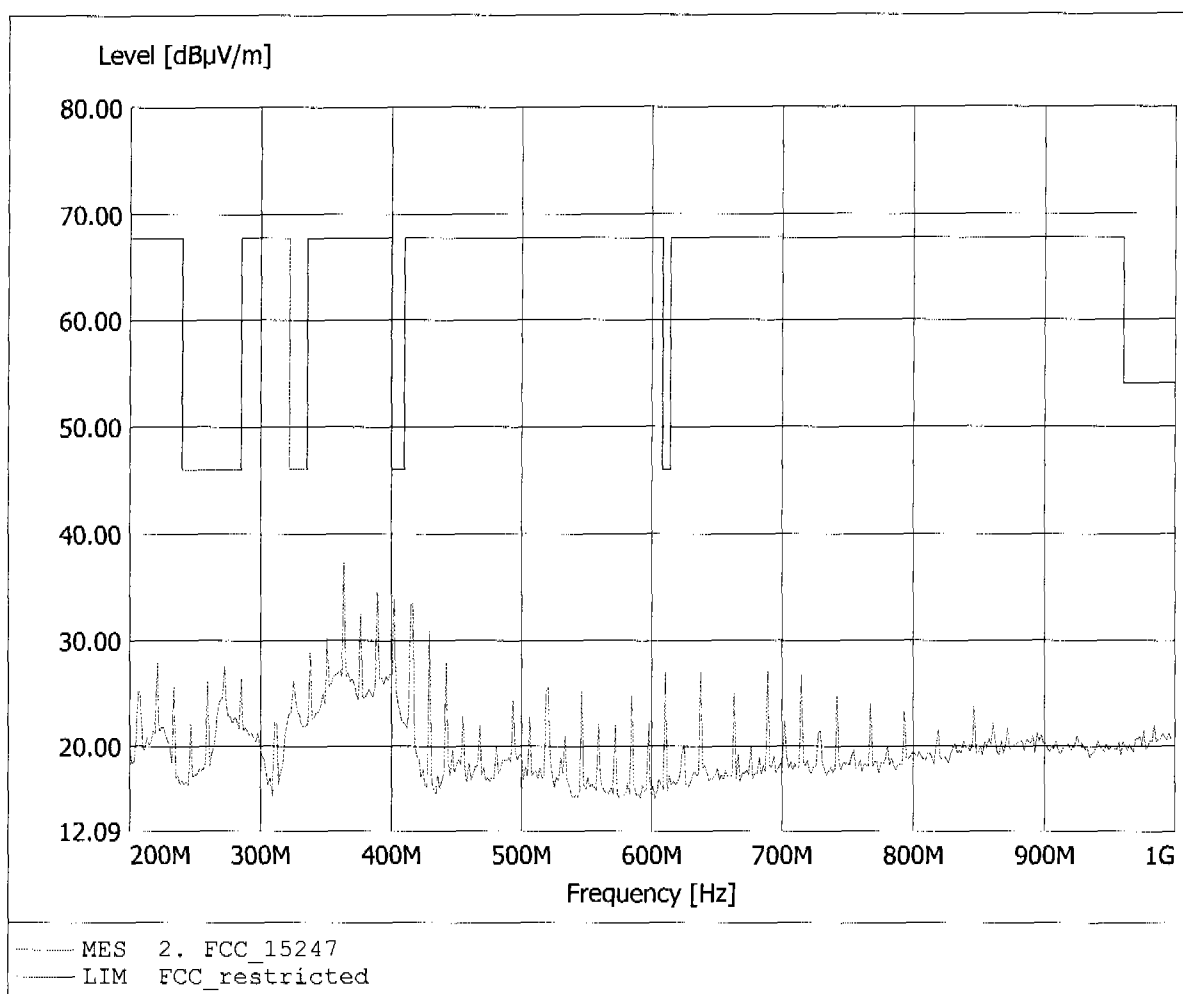
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2480 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 363.527MHz, Emax: 32.65dBµV/m, RBW: 100kHz



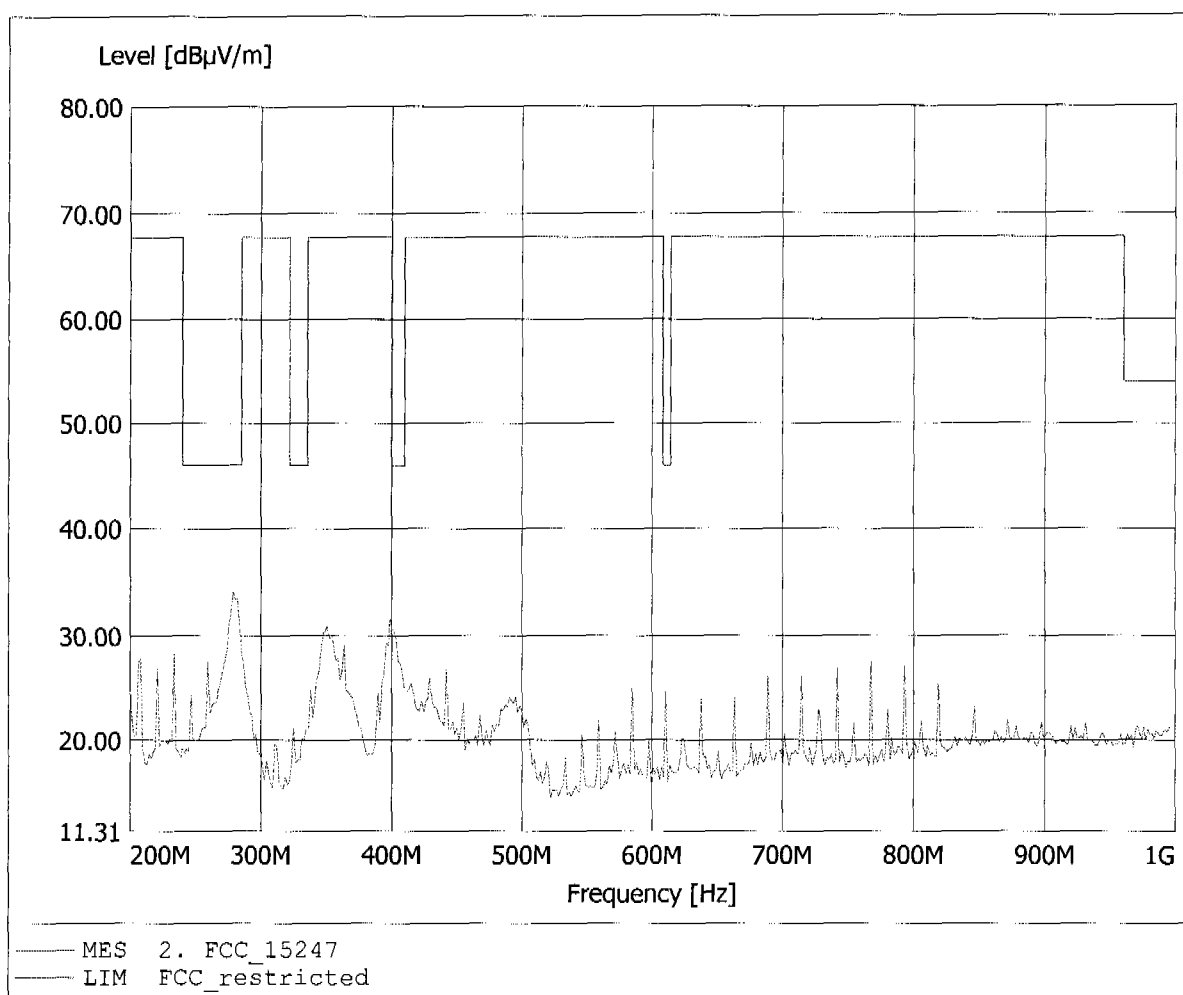
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2480 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 363.527MHz, Emax: 37.45dBµV/m, RBW: 100kHz



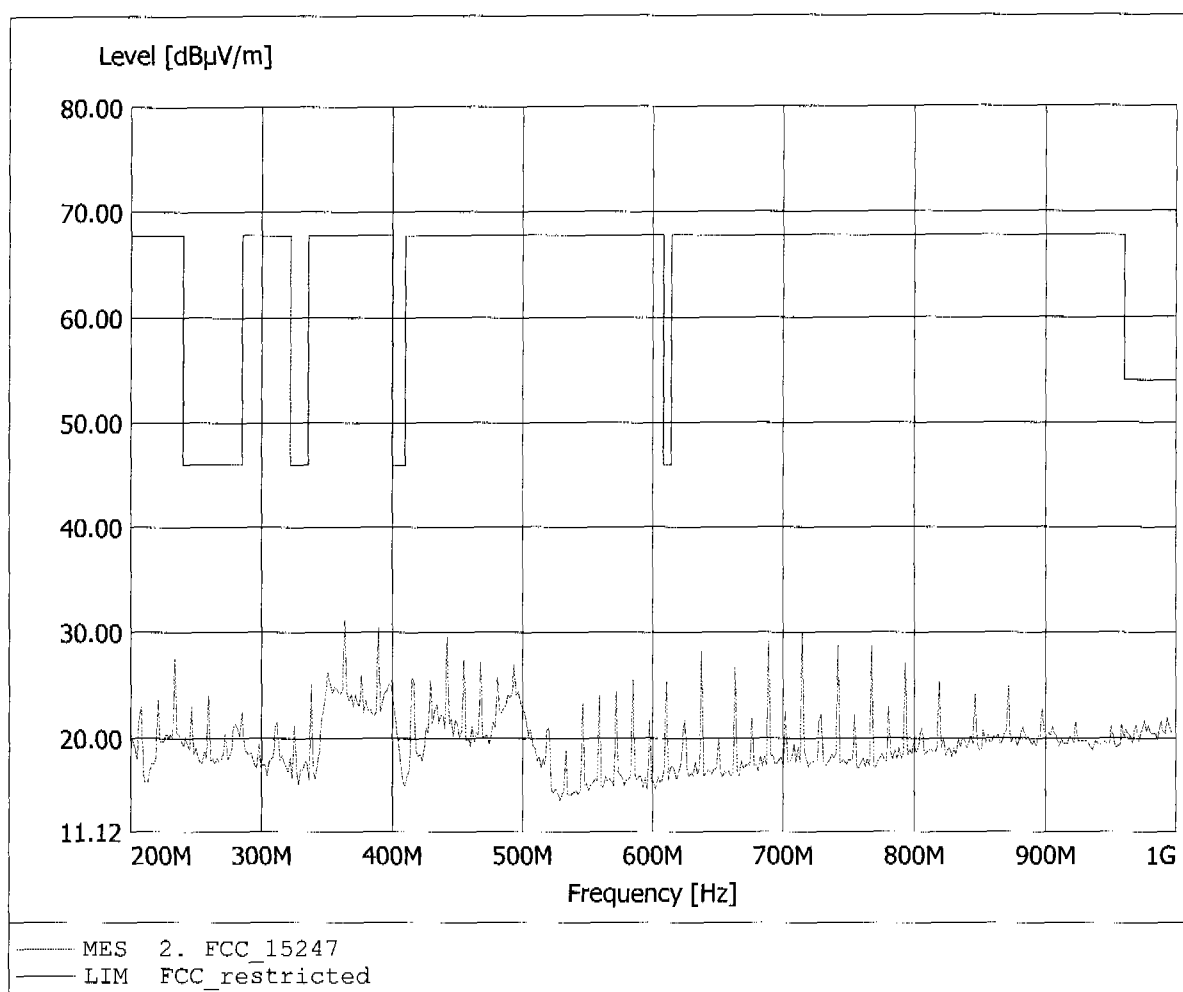
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2402 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 278.557MHz, Emax: 34.15dBμV/m, RBW: 100kHz



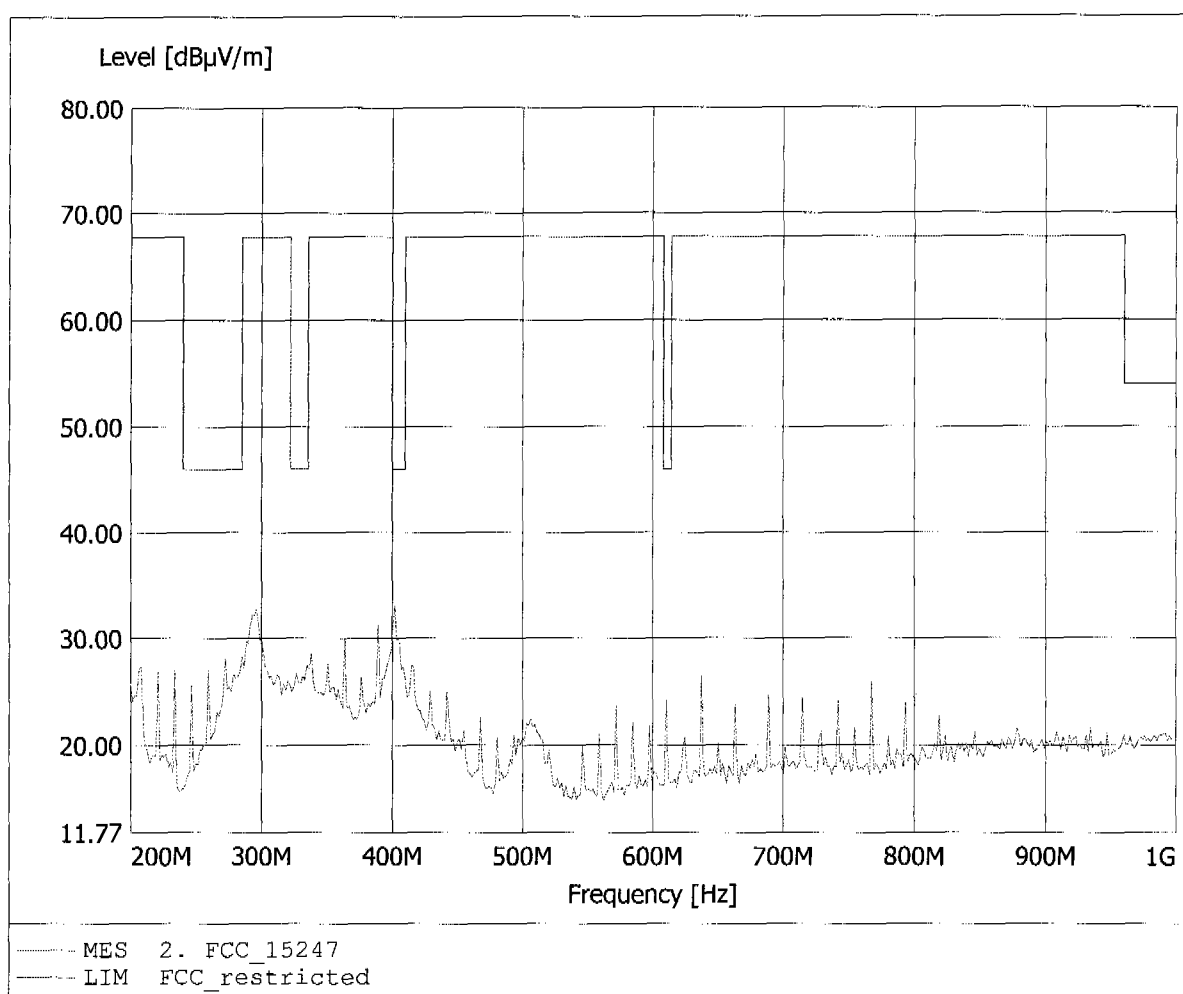
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2402 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 363.527MHz, Emax: 31.33dBµV/m, RBW: 100kHz



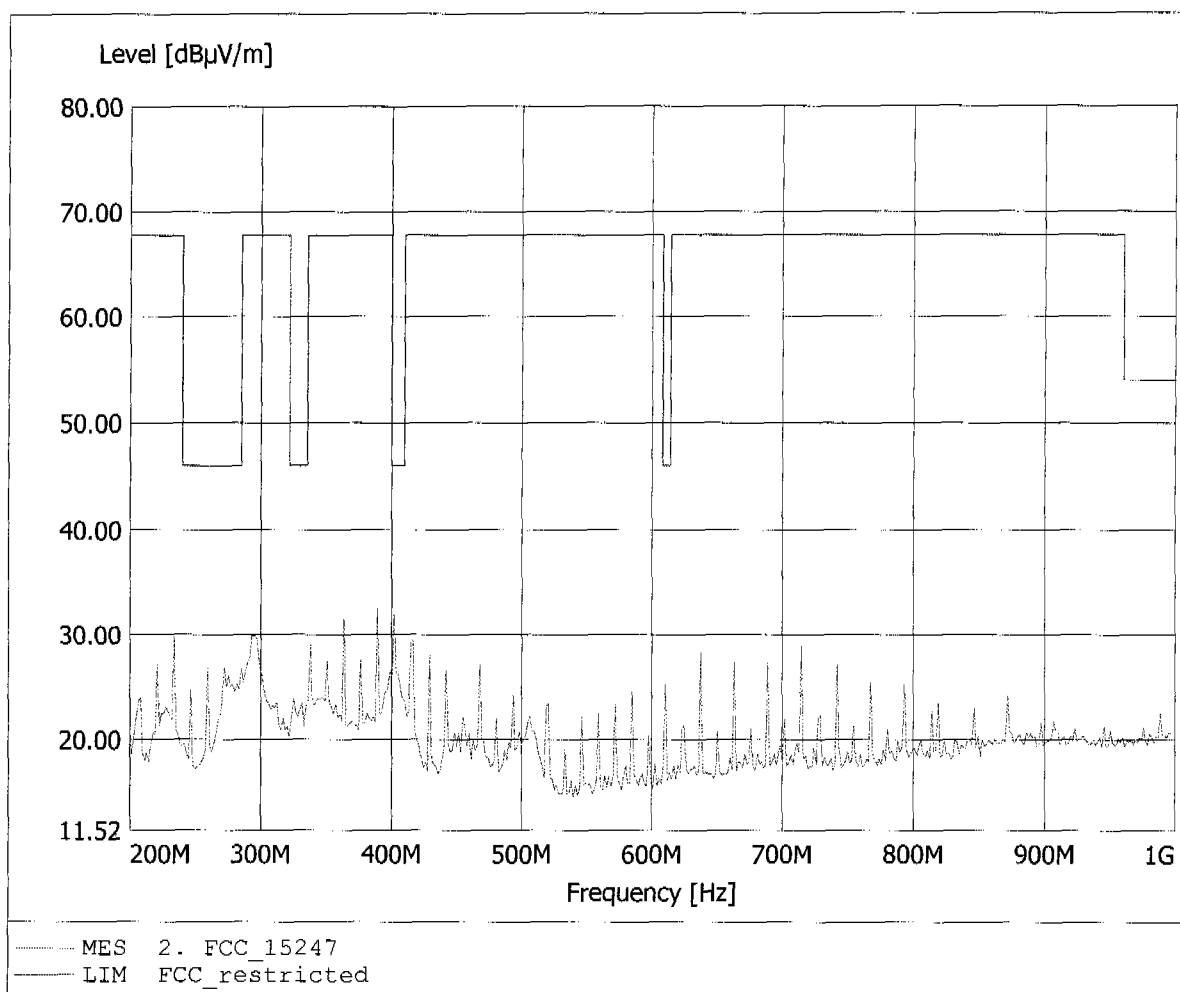
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2441 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 402.004MHz, Emax: 33.04dBµV/m, RBW: 100kHz



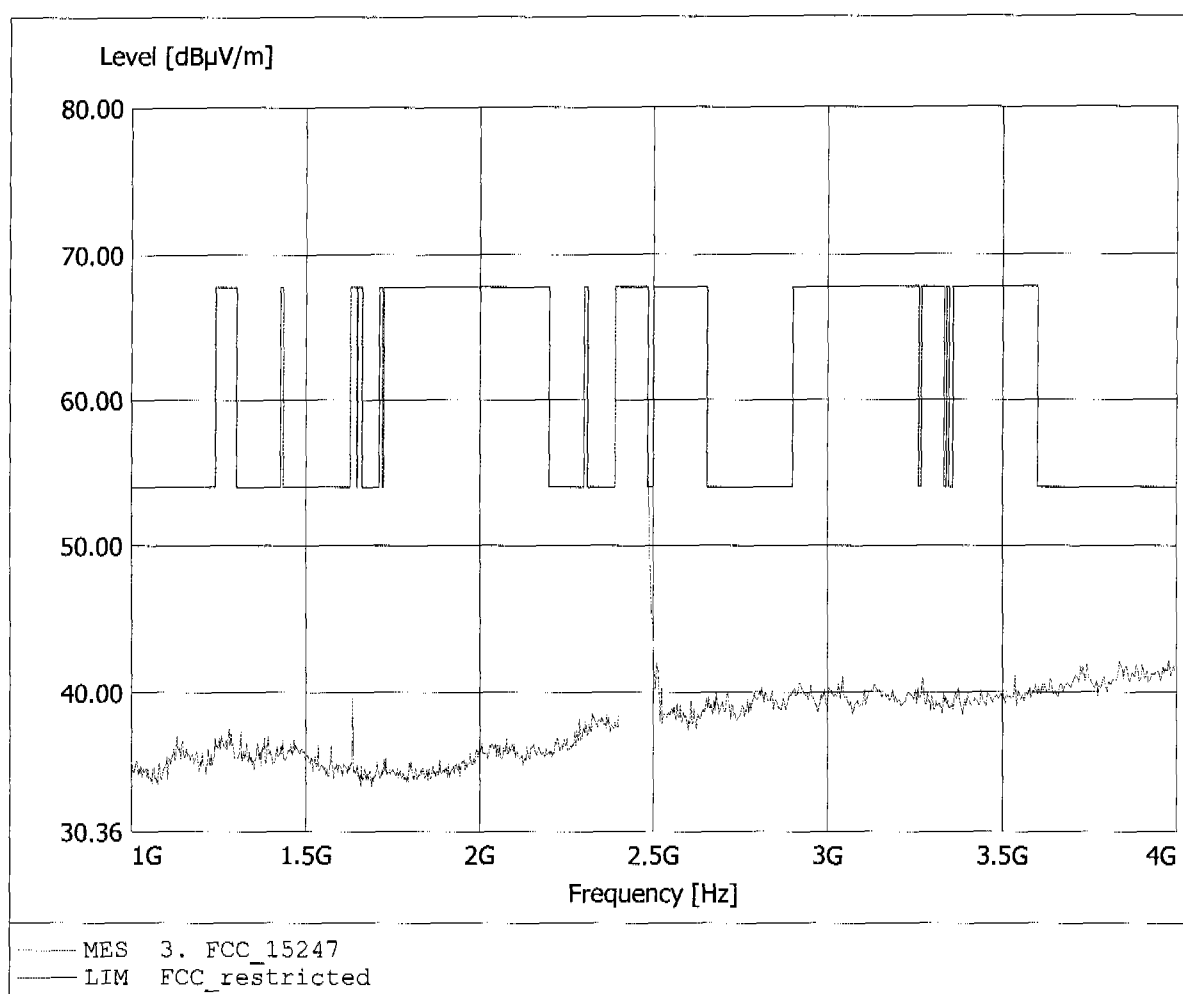
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2441 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 389.178MHz, Emax: 32.50dBµV/m, RBW: 100kHz



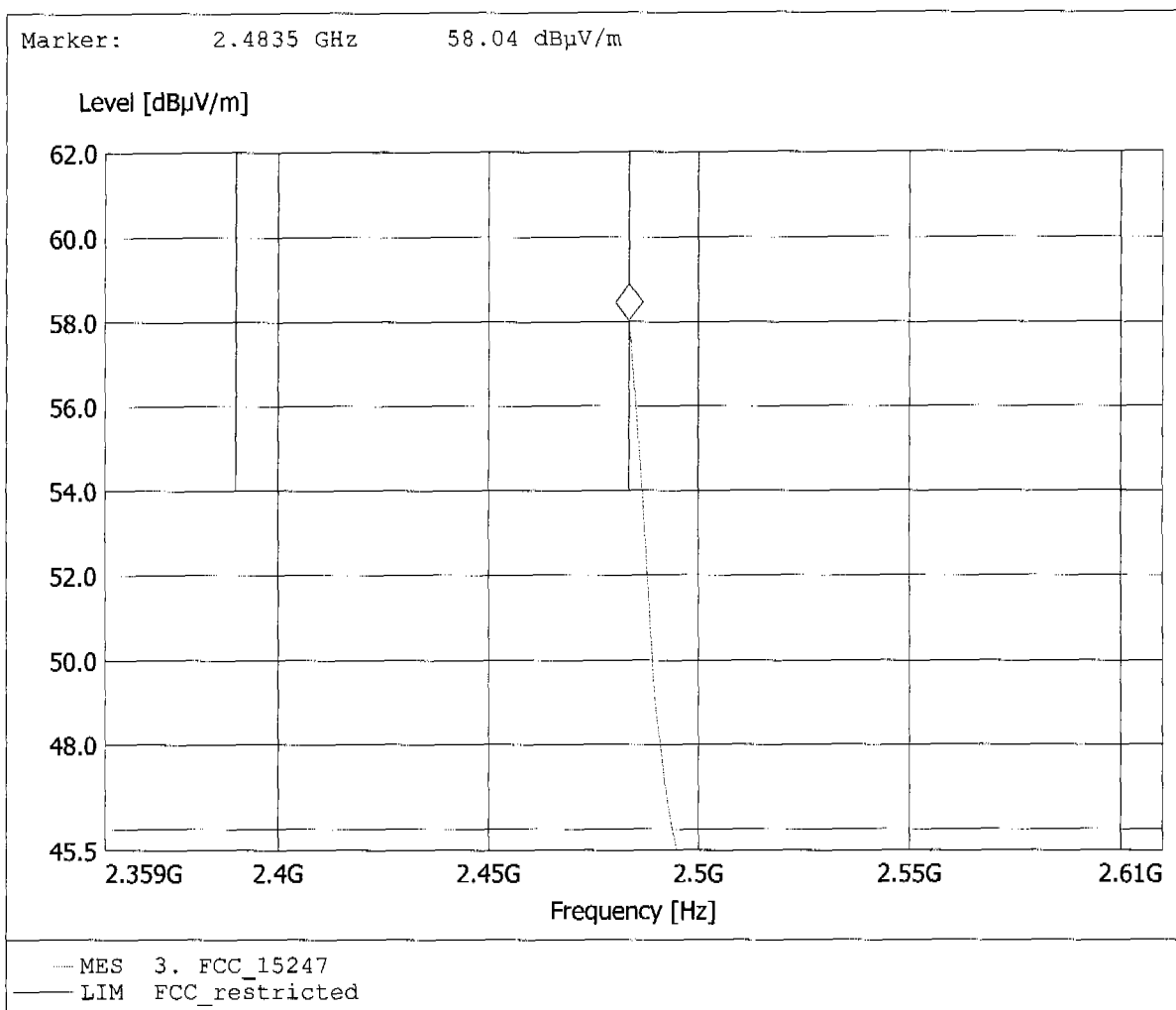
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2480 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.484GHz, Emax: 58.04dBμV/m, RBW: 1MHz



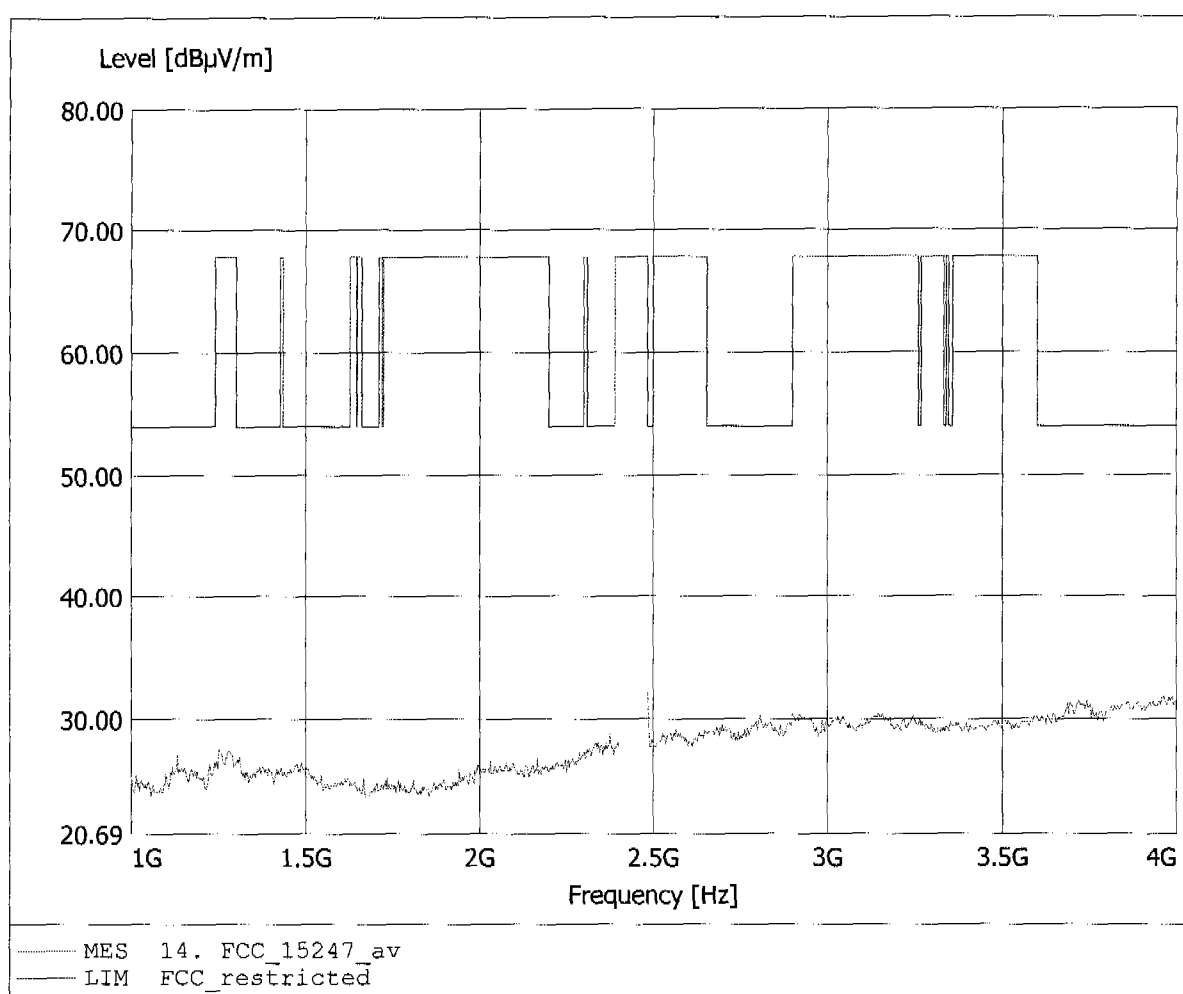
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2480 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.484GHz, Emax: 58.04dBµV/m, RBW: 1MHz



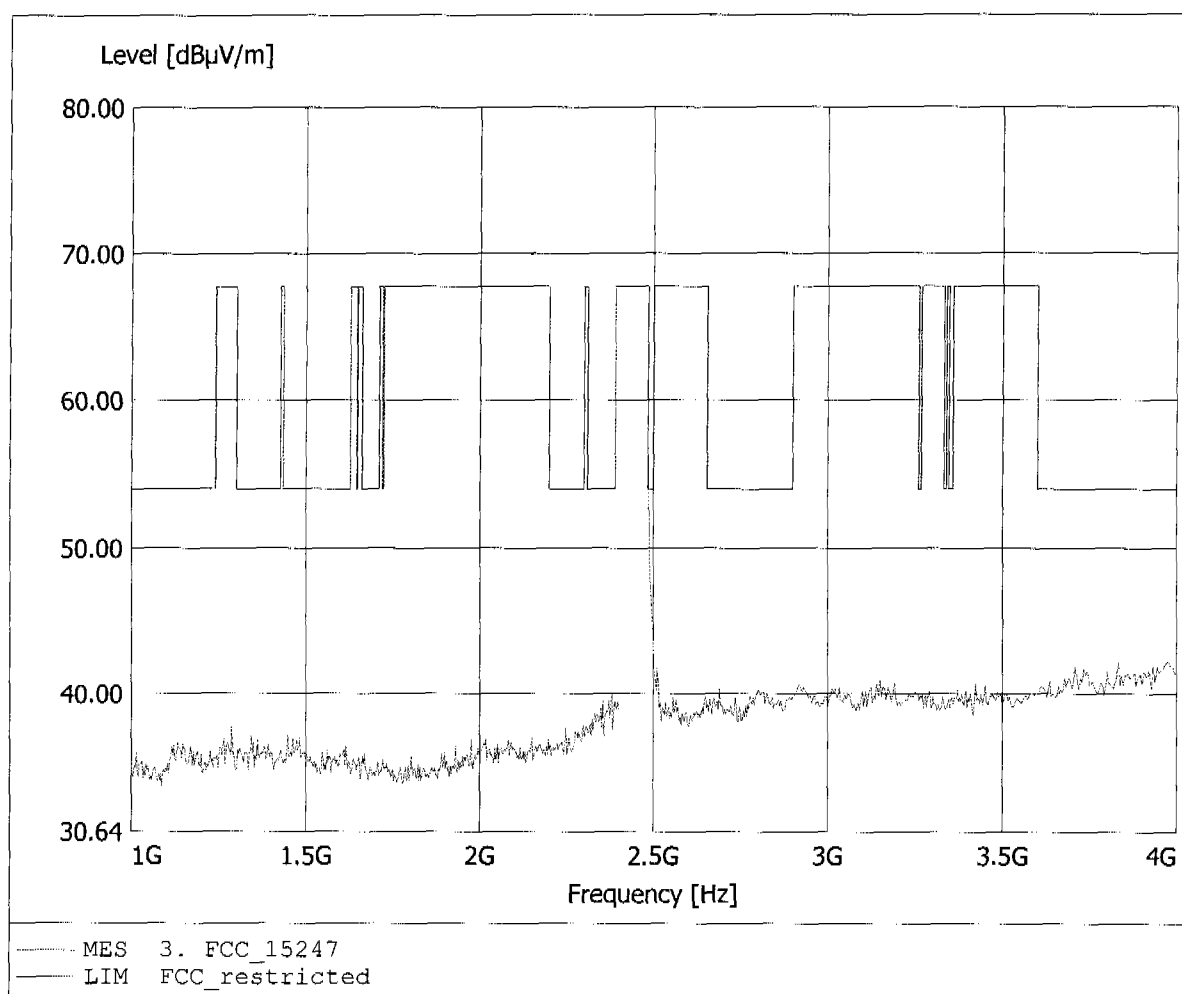
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2480 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.484GHz, Emax: 32.10dBµV/m, RBW: 1MHz



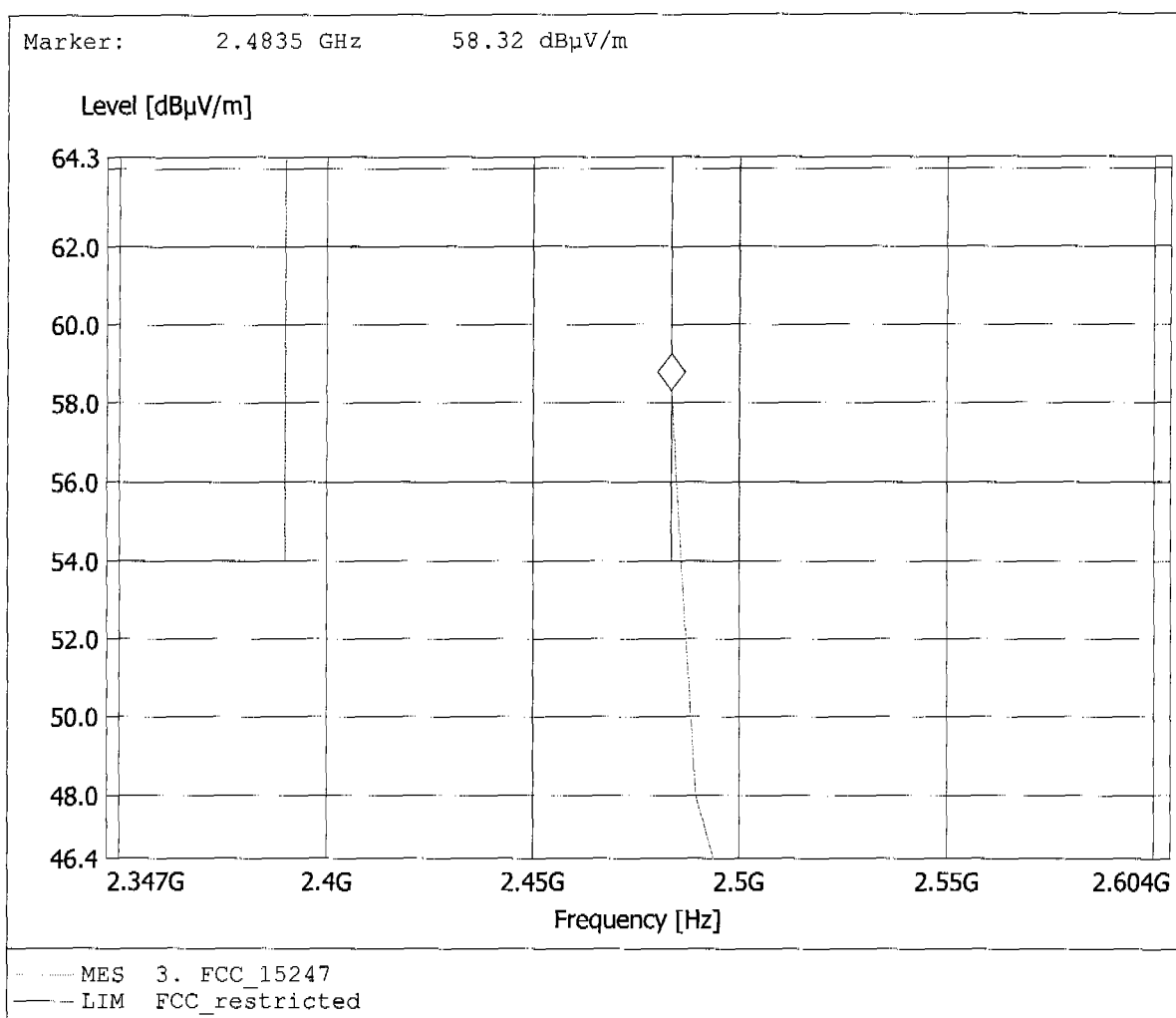
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2480 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.484GHz, Emax: 58.32dBµV/m, RBW: 1MHz



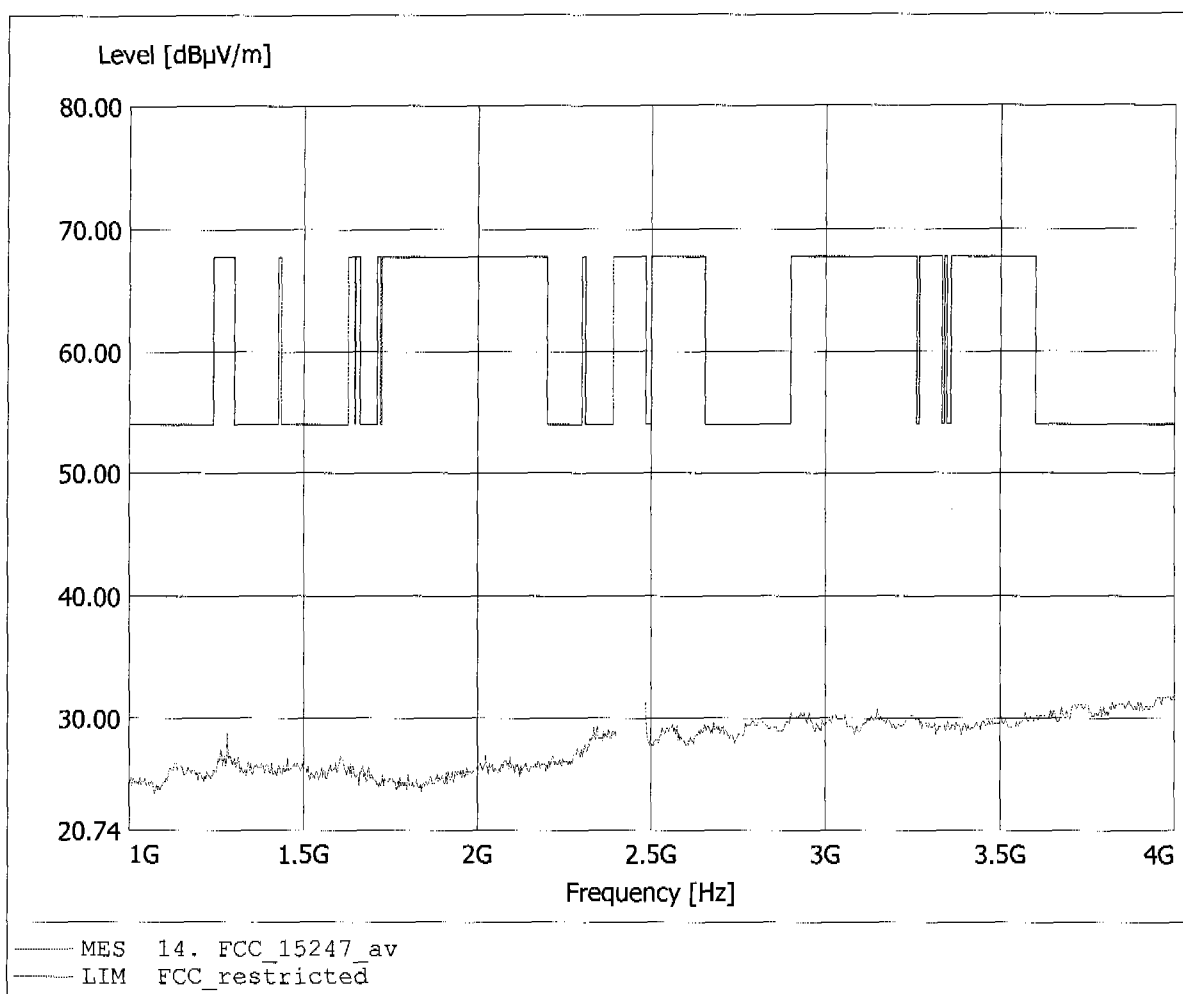
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2480 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9i20D, amplif.  
Comment 2: Freq: 2.484GHz, Emax: 58.32dBµV/m, RBW: 1MHz



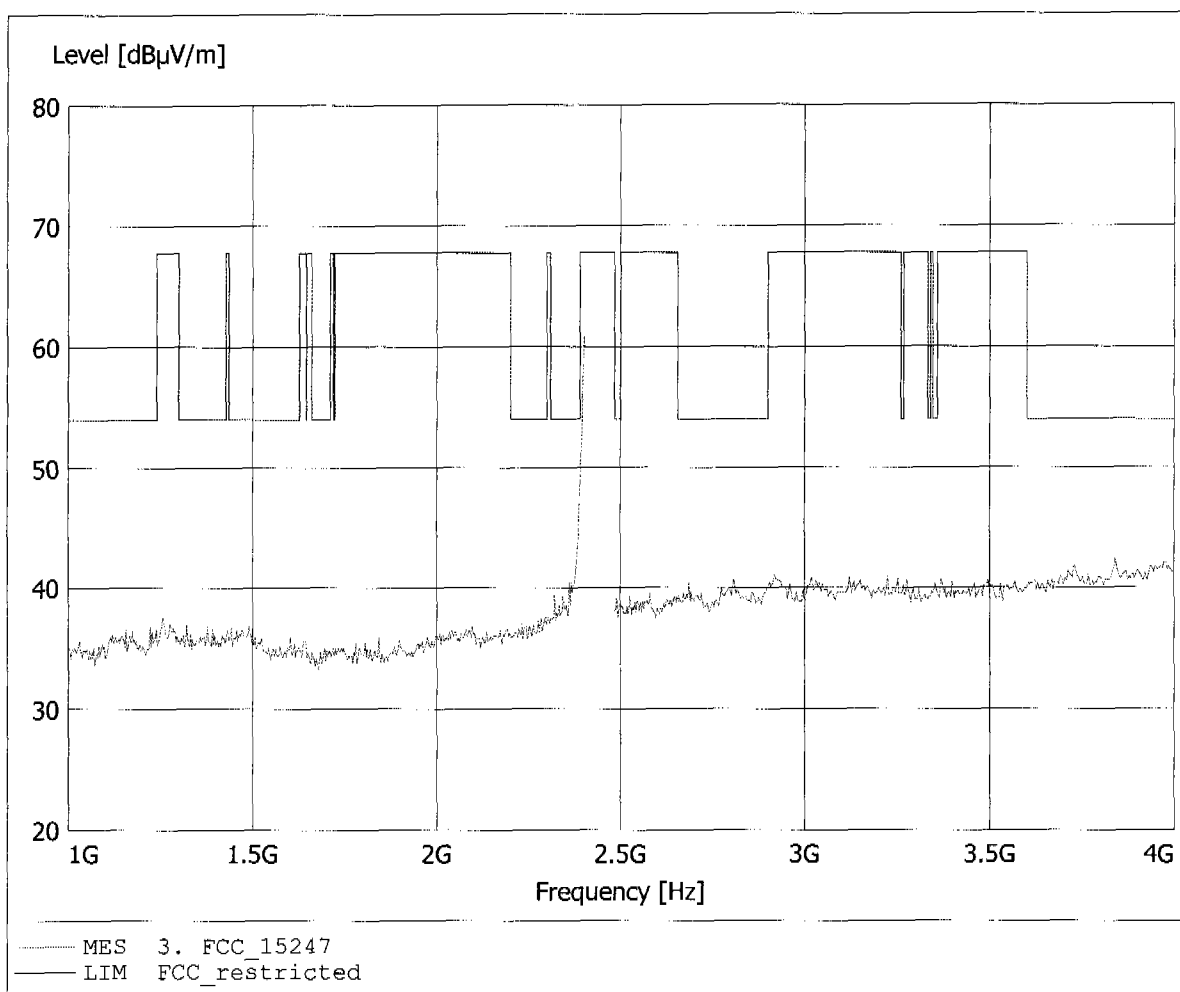
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2480 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 3.997GHz, Emax: 31.77dBµV/m, RBW: 1MHz



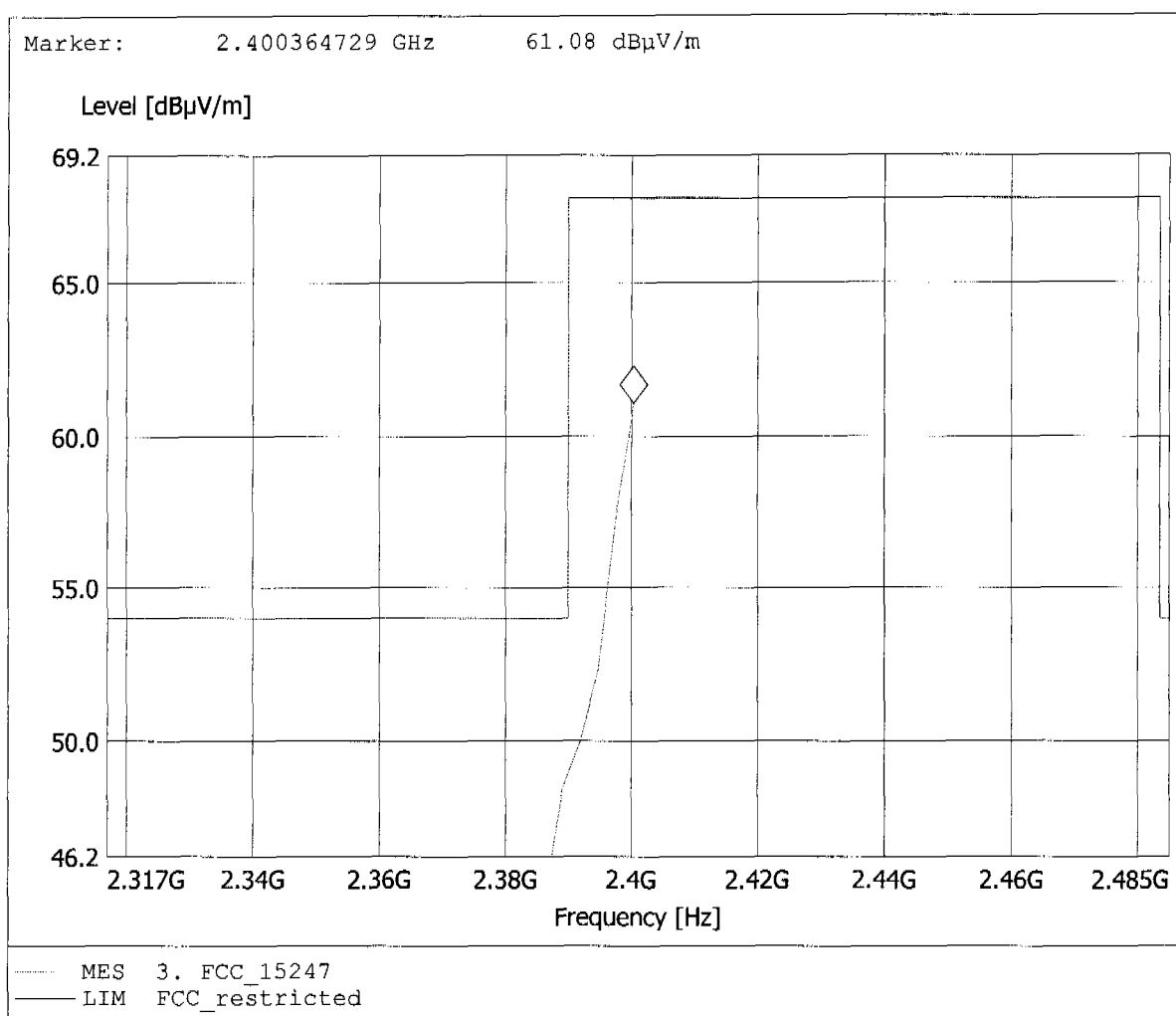
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2402 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.400GHz, Emax: 61.08dBμV/m, RBW: 1MHz



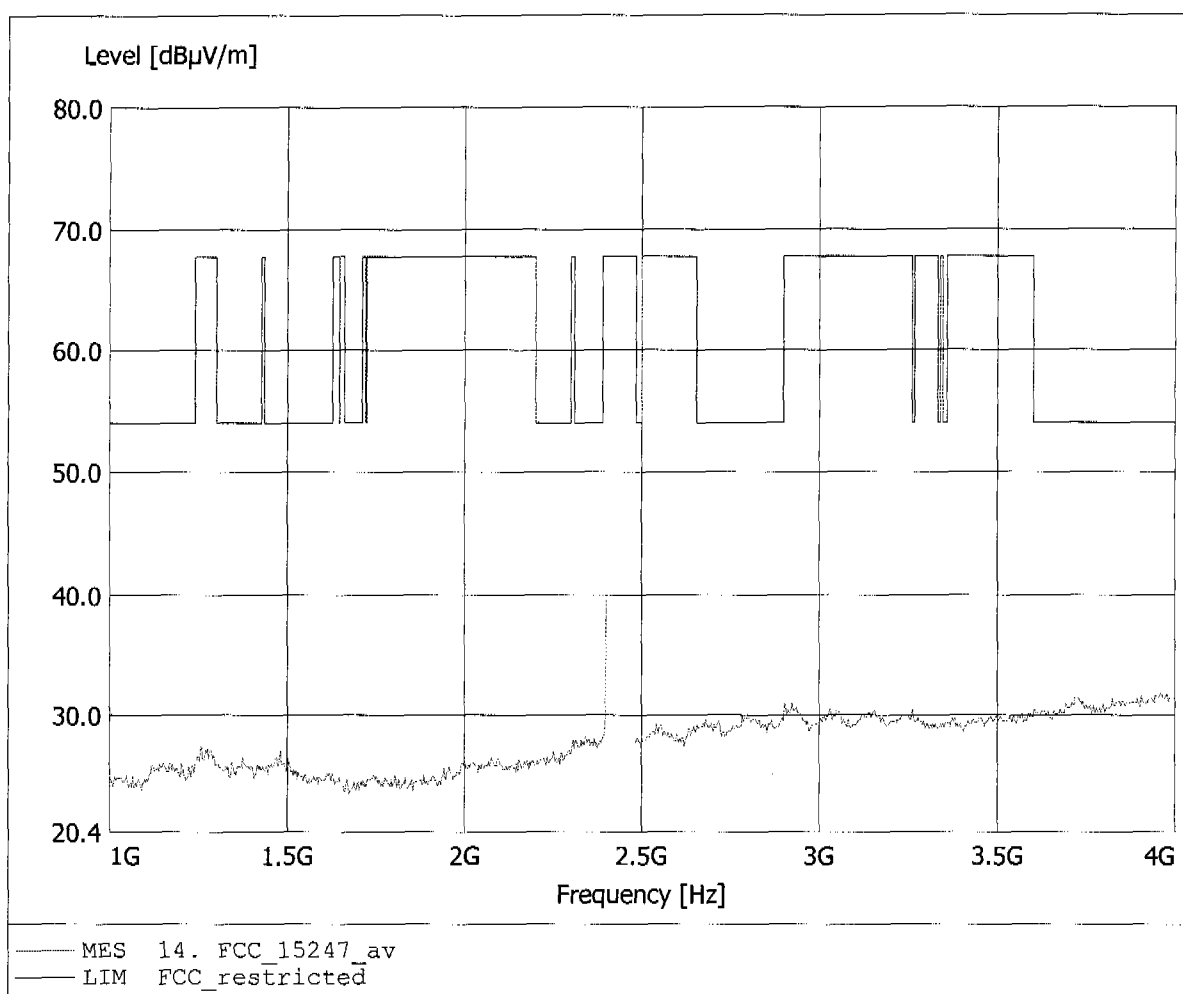
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2402 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.400GHz, Emax: 61.08dBμV/m, RBW: 1MHz



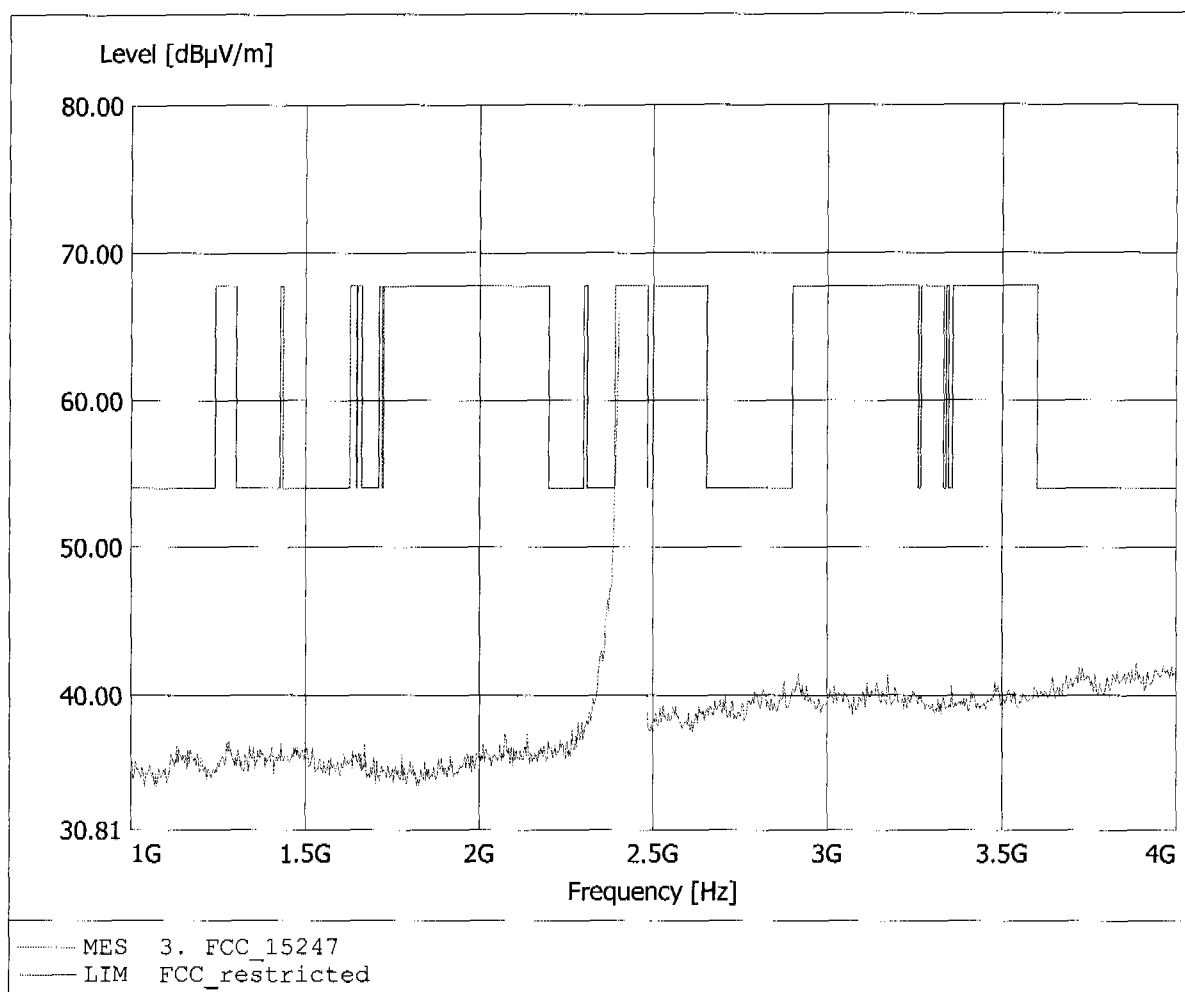
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2402 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.400GHz, Emax: 39.53dBµV/m, RBW: 1MHz



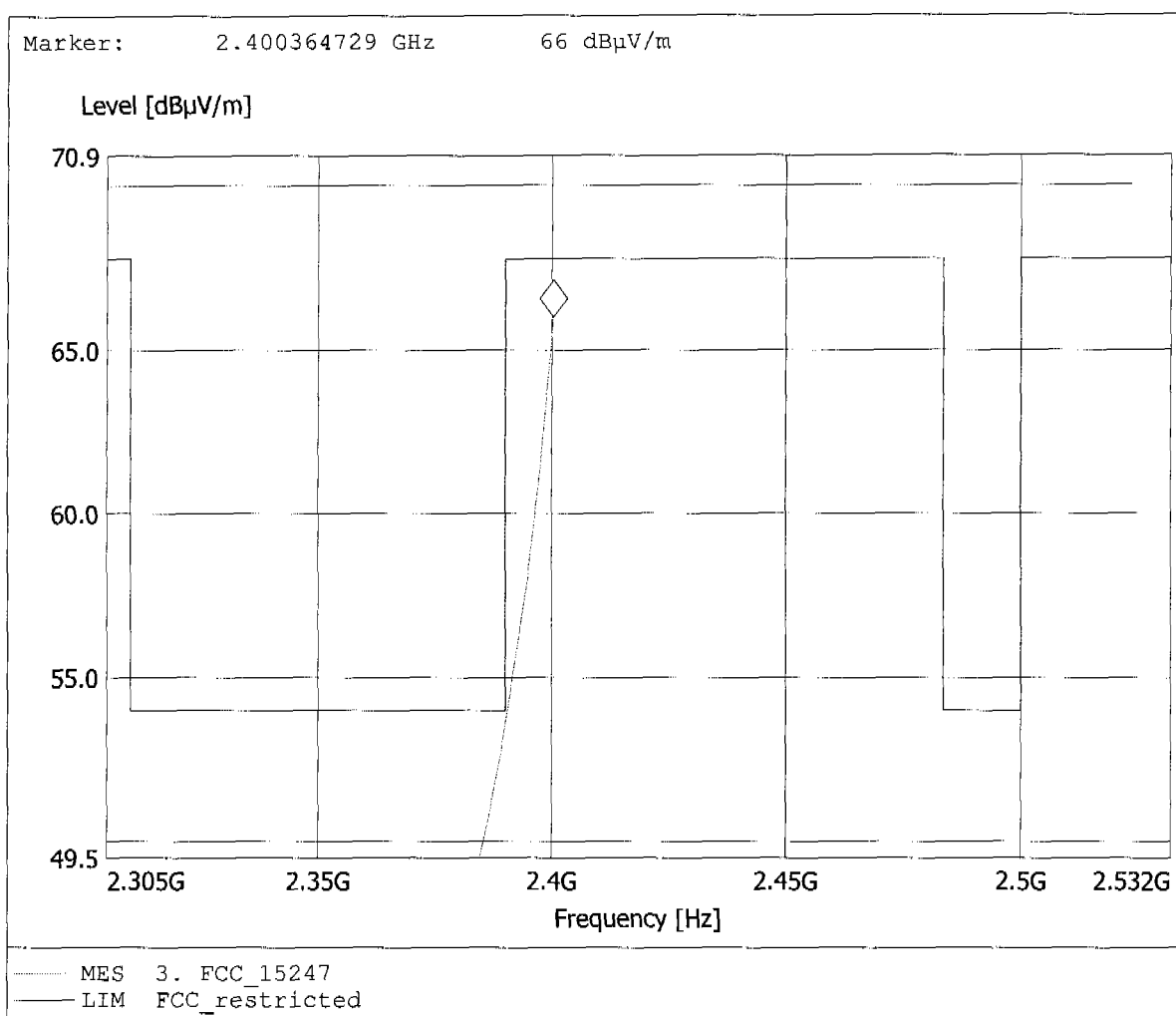
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2402 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.400GHz, Emax: 66.00dBμV/m, RBW: 1MHz



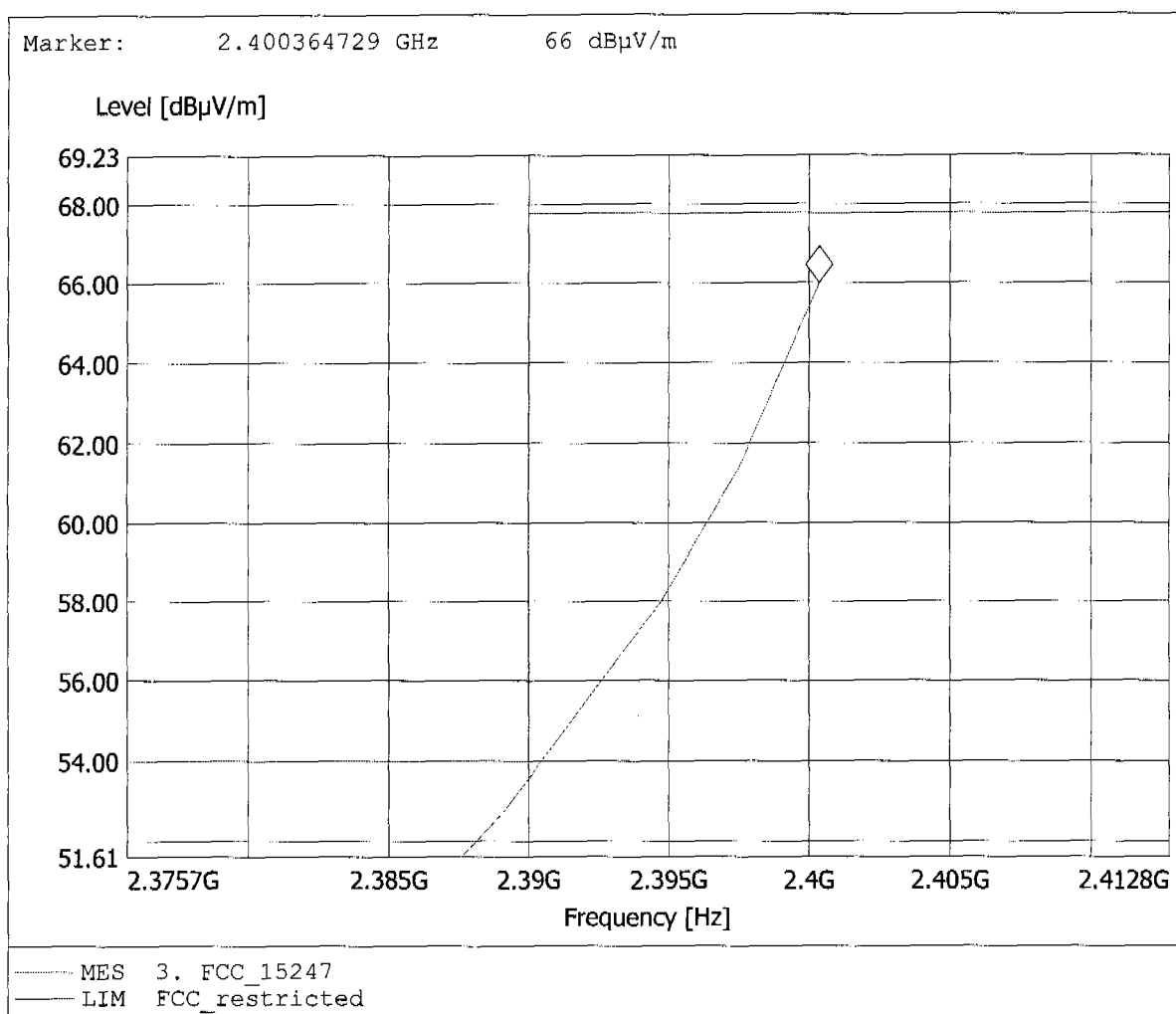
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2402 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.400GHz, Emax: 66.00dBμV/m, RBW: 1MHz



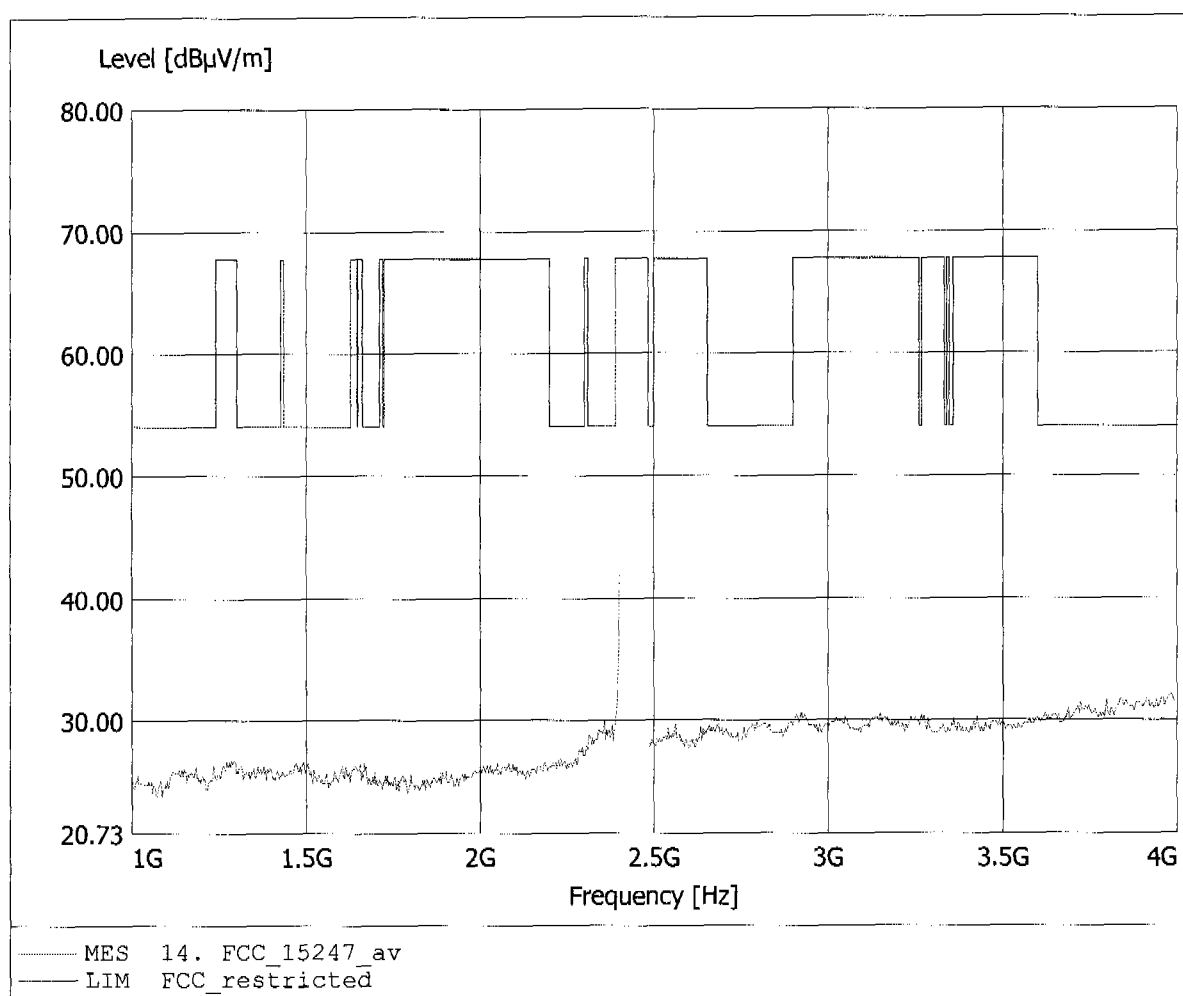
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2402 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.400GHz, Emax: 66.00dBμV/m, RBW: 1MHz



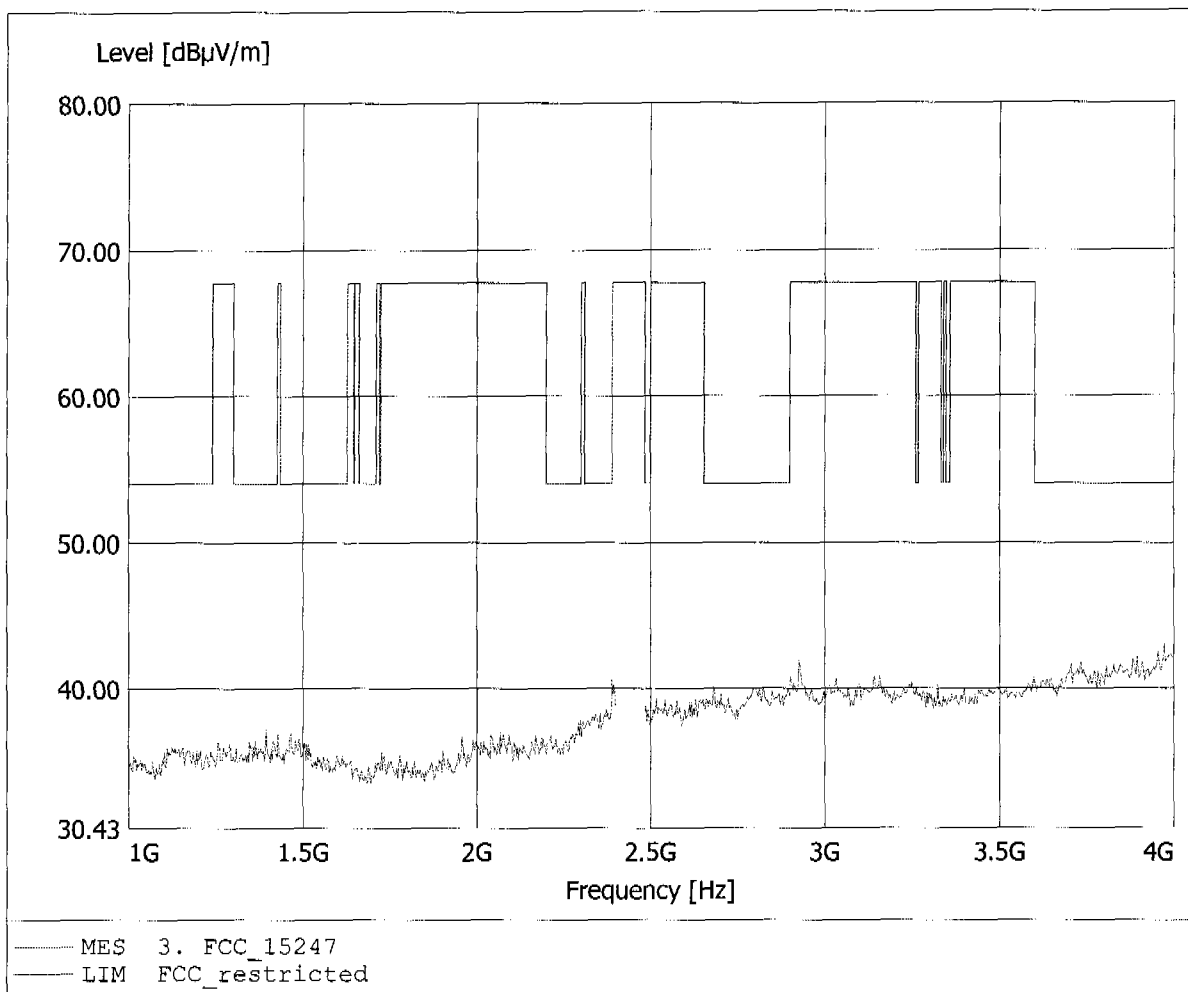
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2402 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.400GHz, Emax: 41.98dBµV/m, RBW: 1MHz



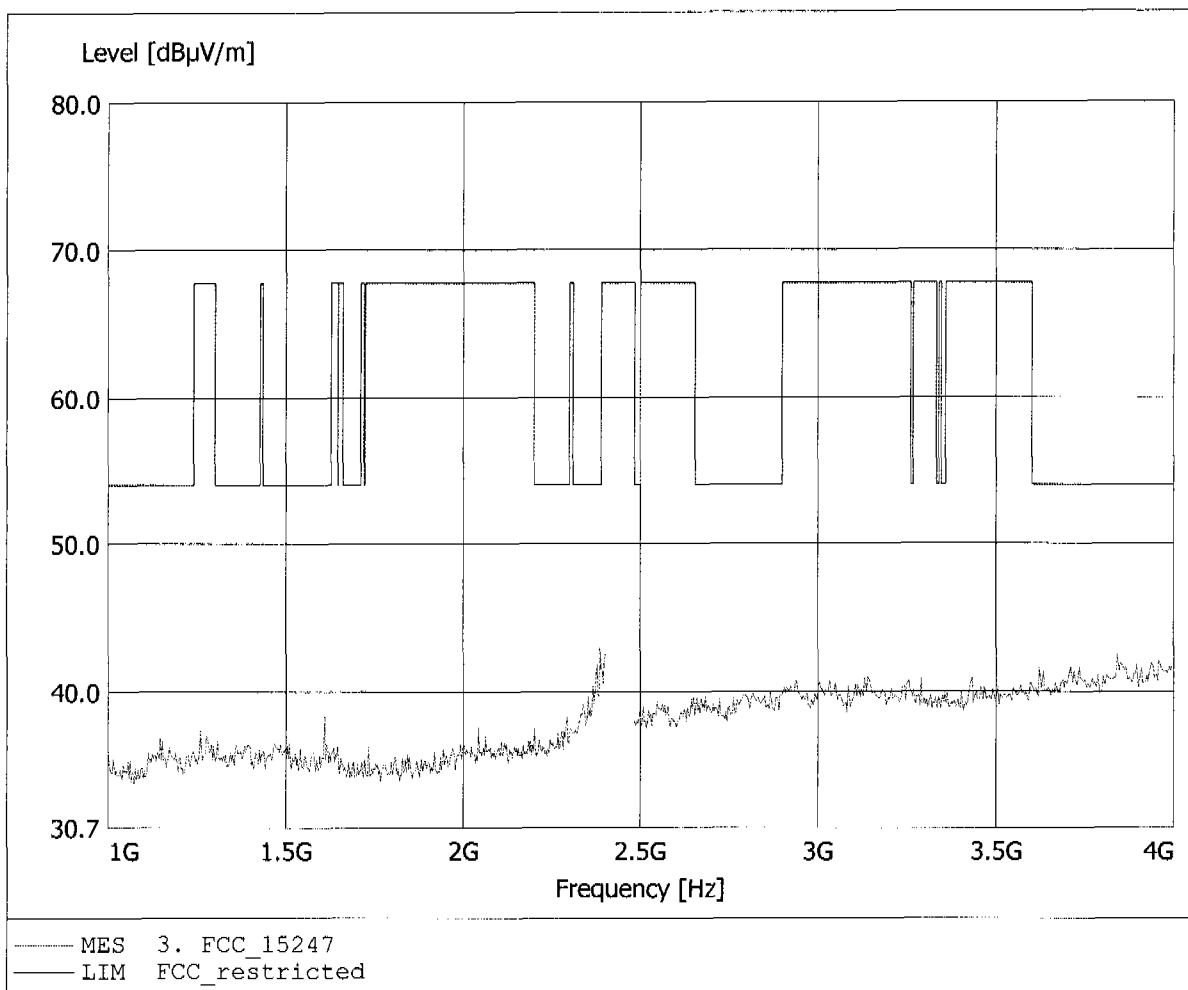
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2441 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 3.973GHz, Emax: 43.03dBμV/m, RBW: 1MHz



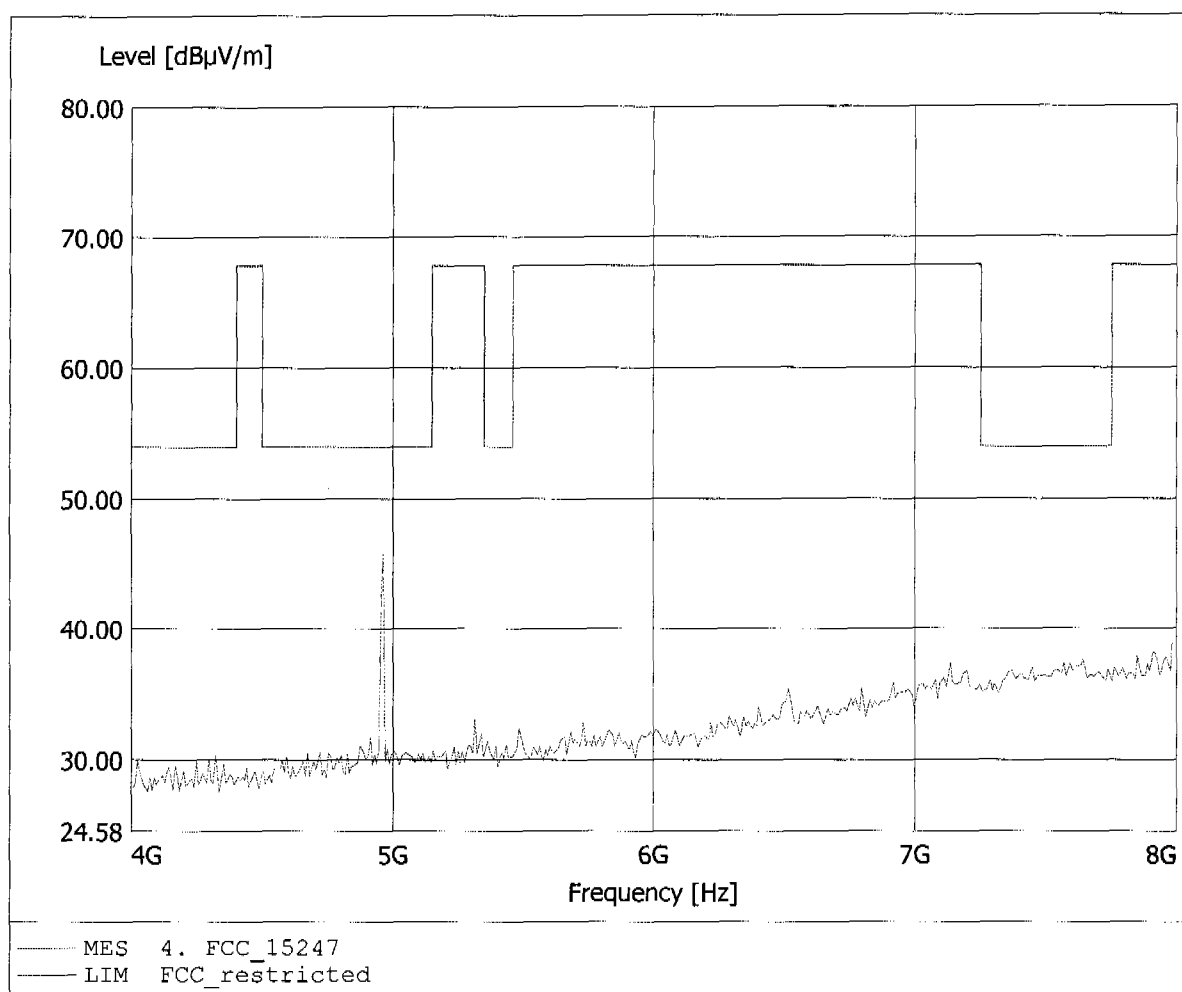
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2441 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.386GHz, Emax: 42.94dBμV/m, RBW: 1MHz



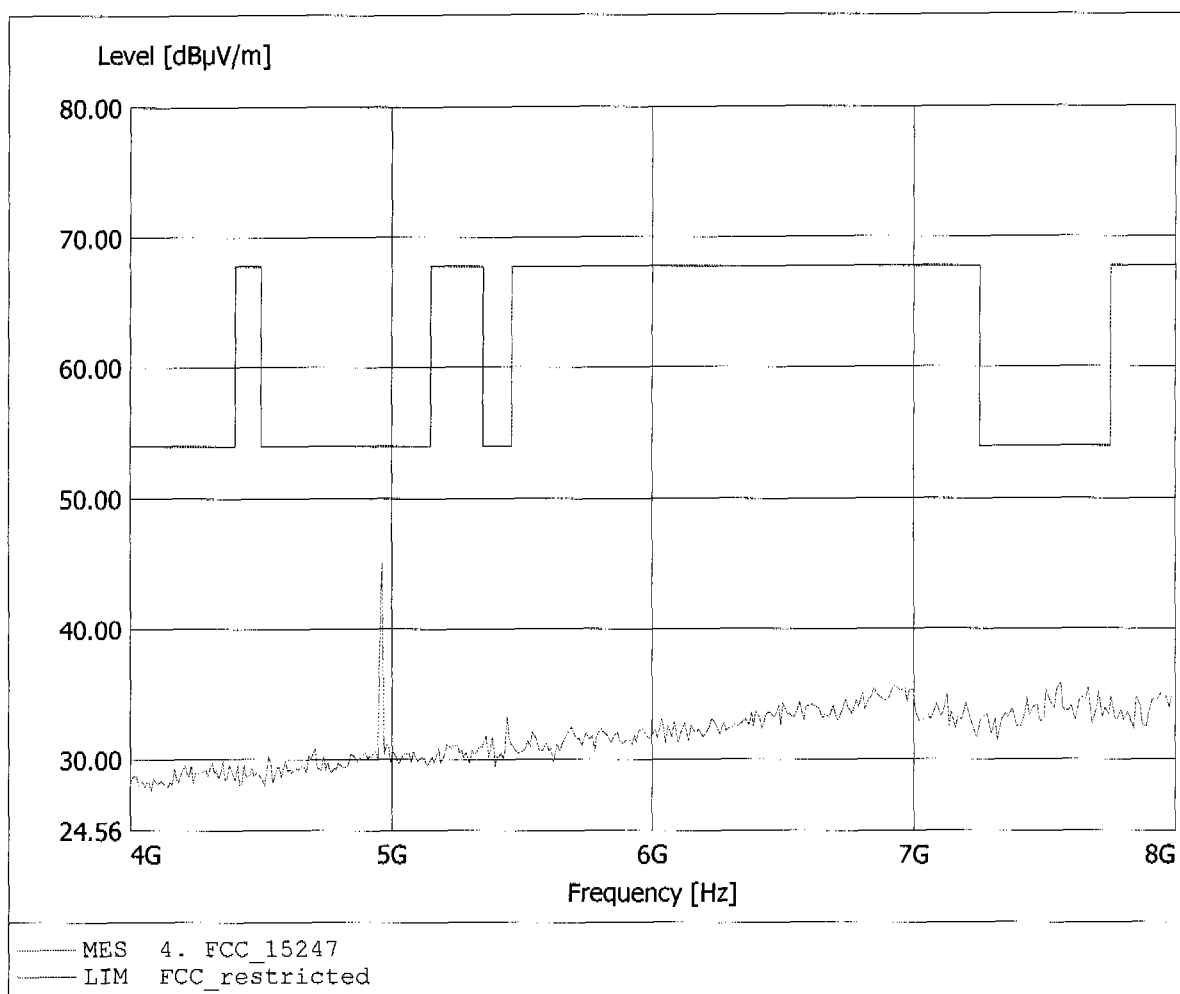
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2480 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 4.962GHz, Emax: 45.72dBμV/m, RBW: 1MHz



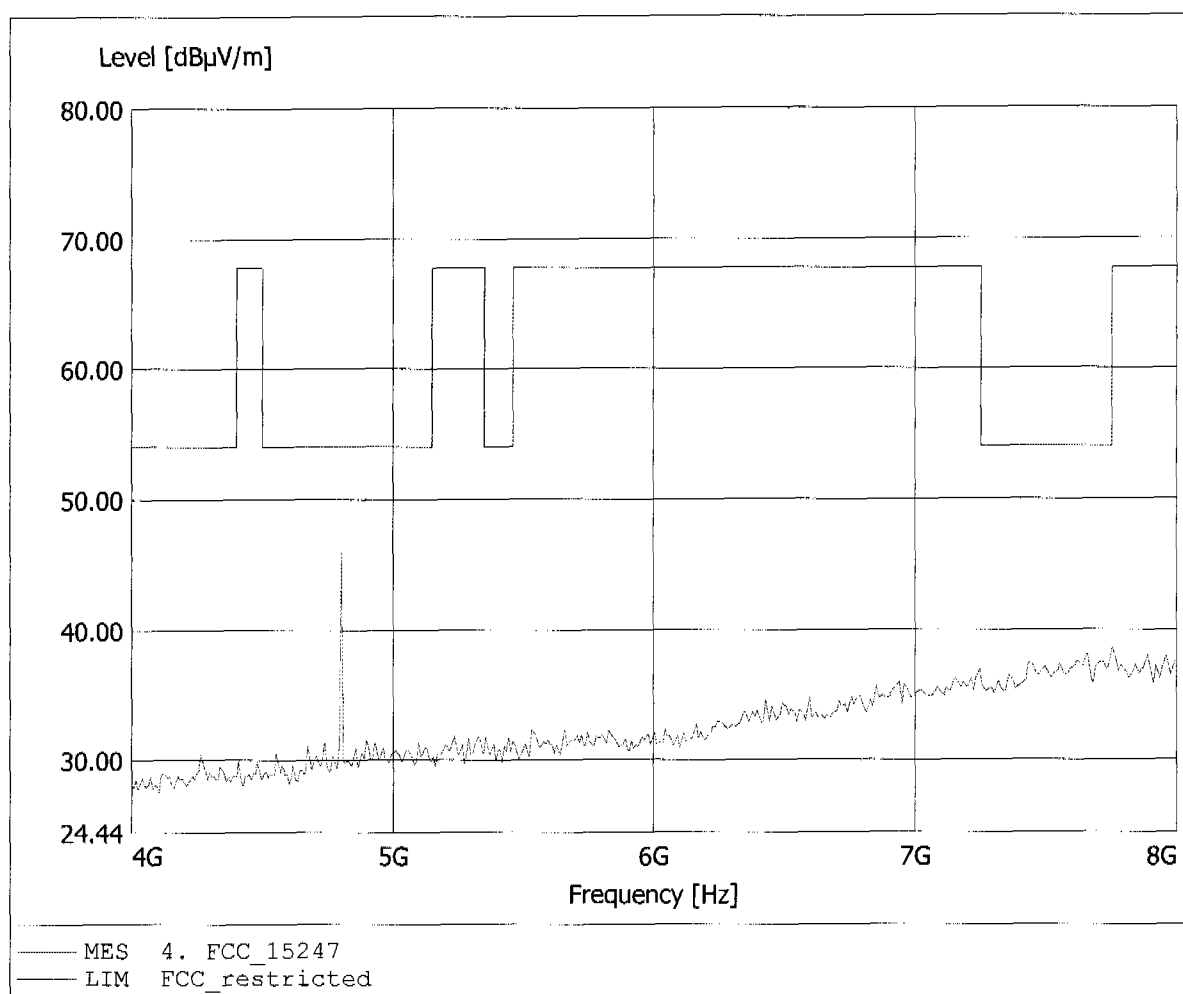
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2480 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 4.962GHz, Emax: 45.06dBμV/m, RBW: 1MHz



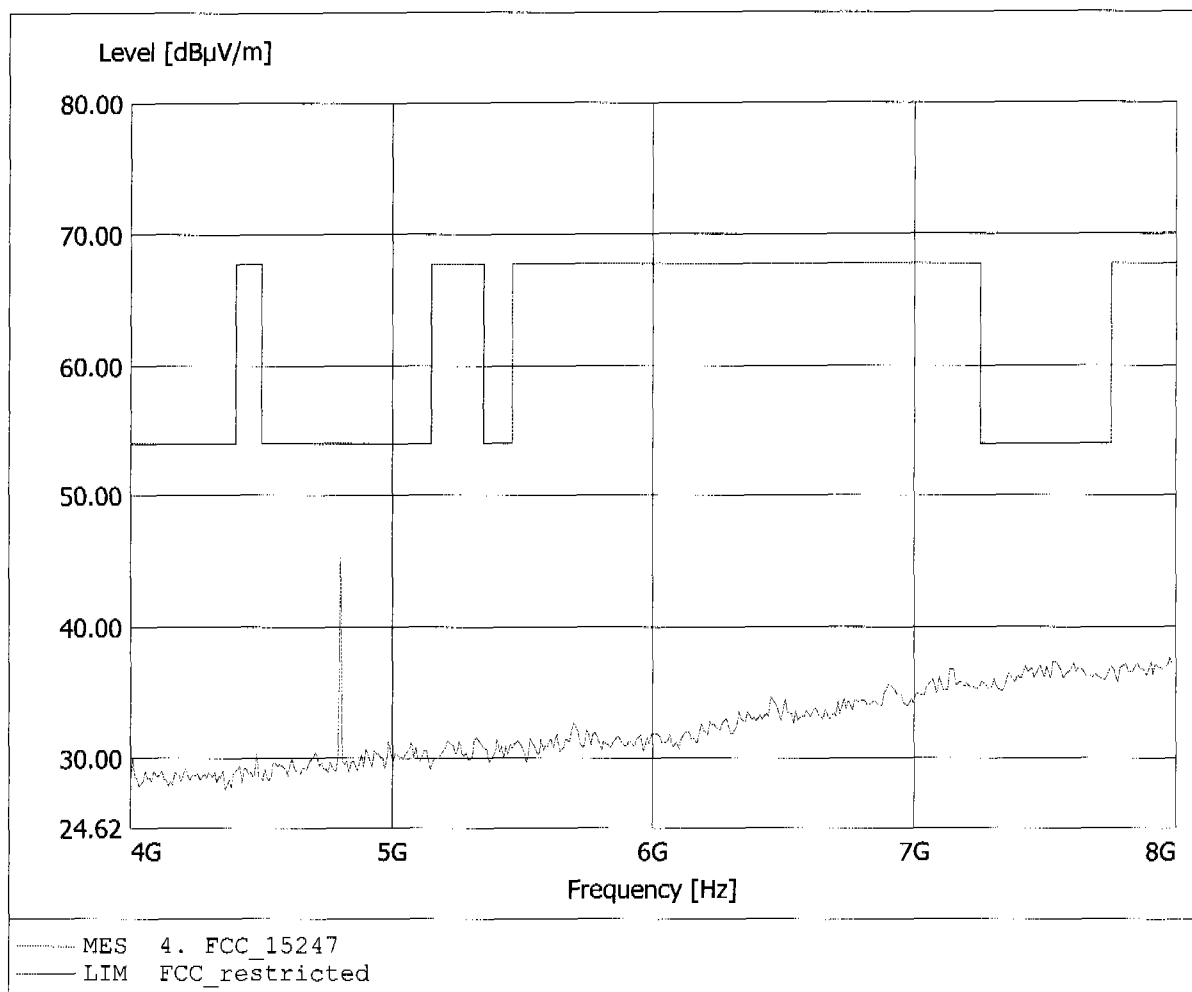
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2402 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 4.802GHz, Emax: 46.07dBµV/m, RBW: 1MHz



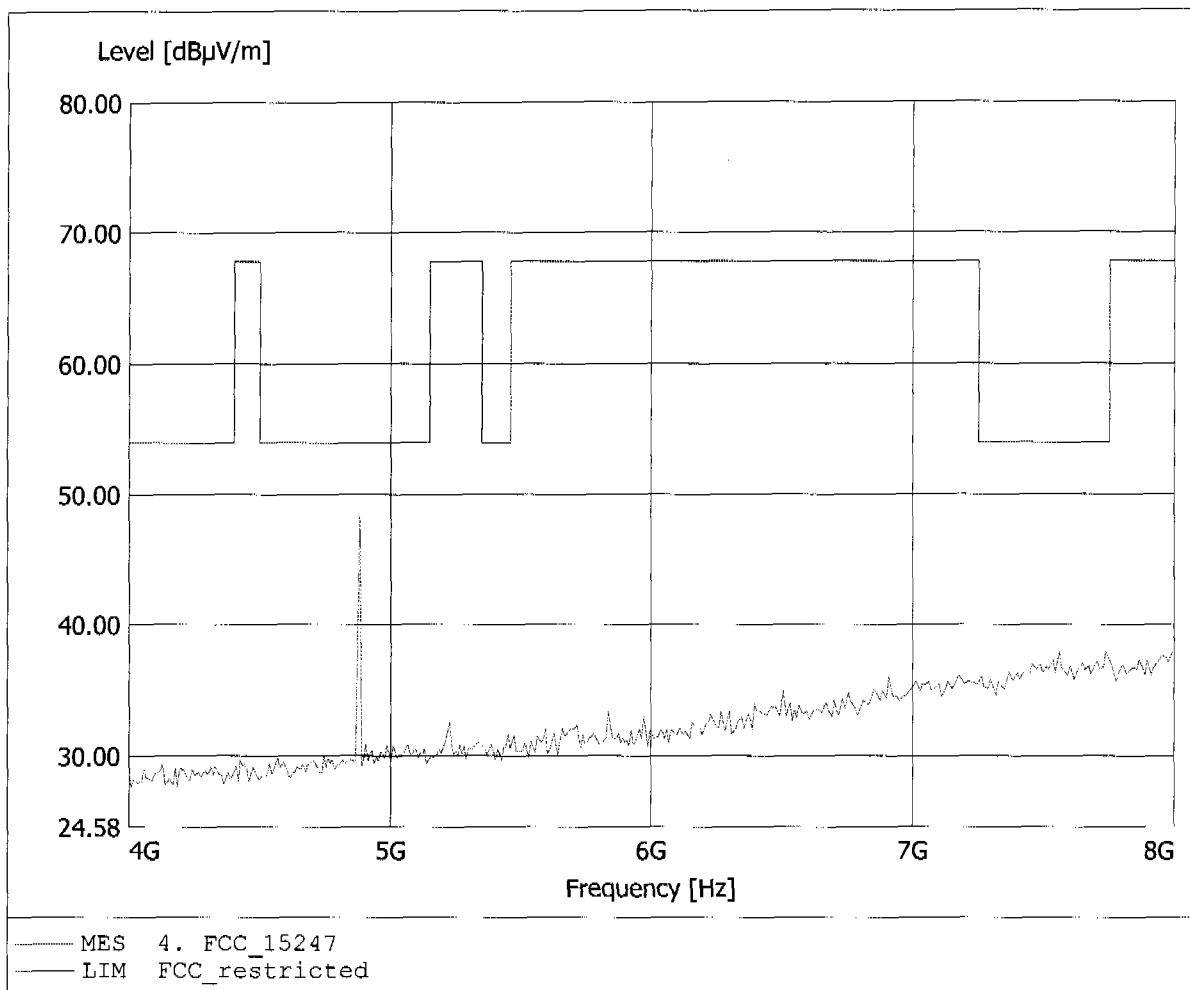
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2402 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 4.802GHz, Emax: 45.46dBμV/m, RBW: 1MHz



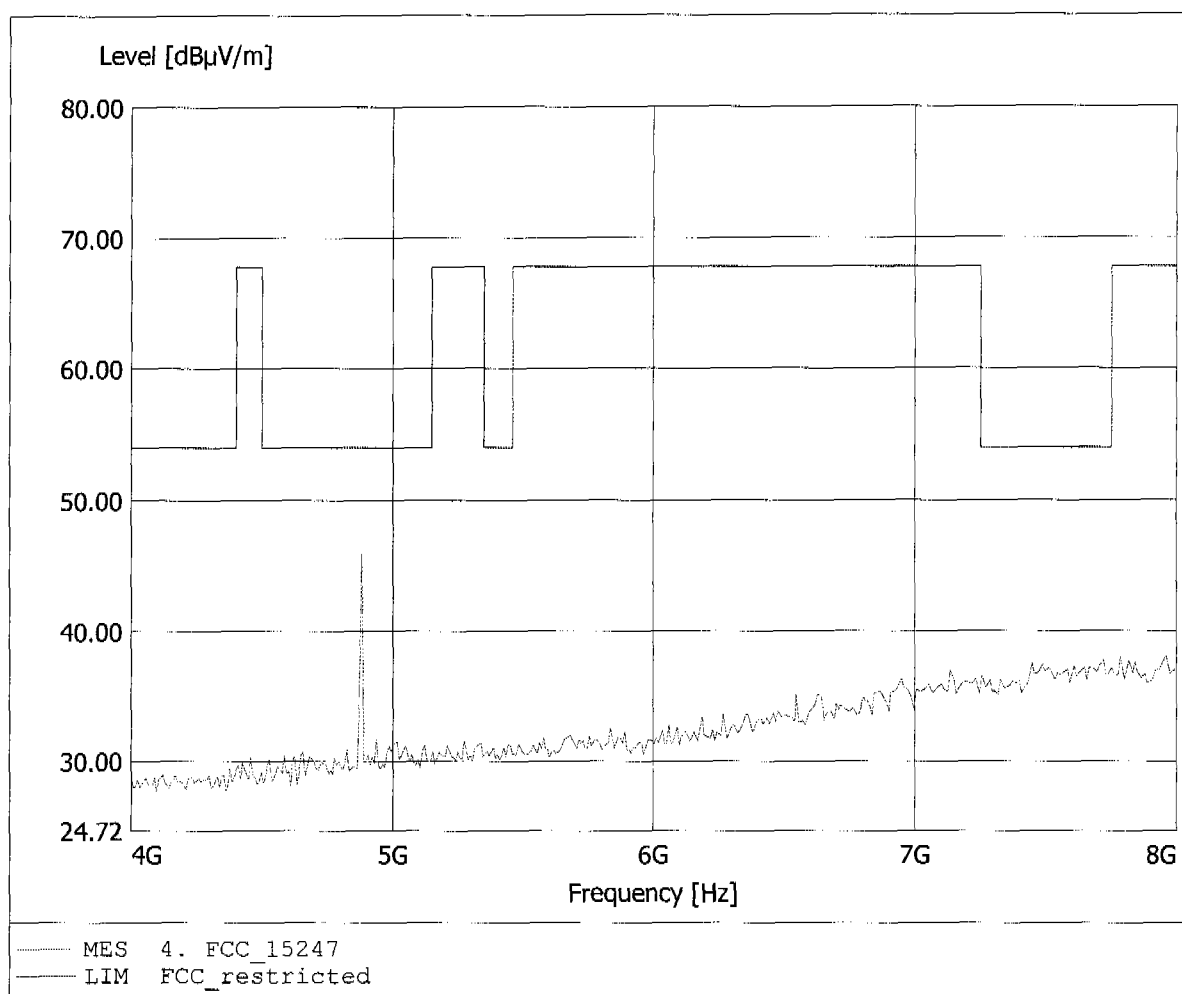
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2441 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 4.882GHz, Emax: 48.41dBμV/m, RBW: 1MHz



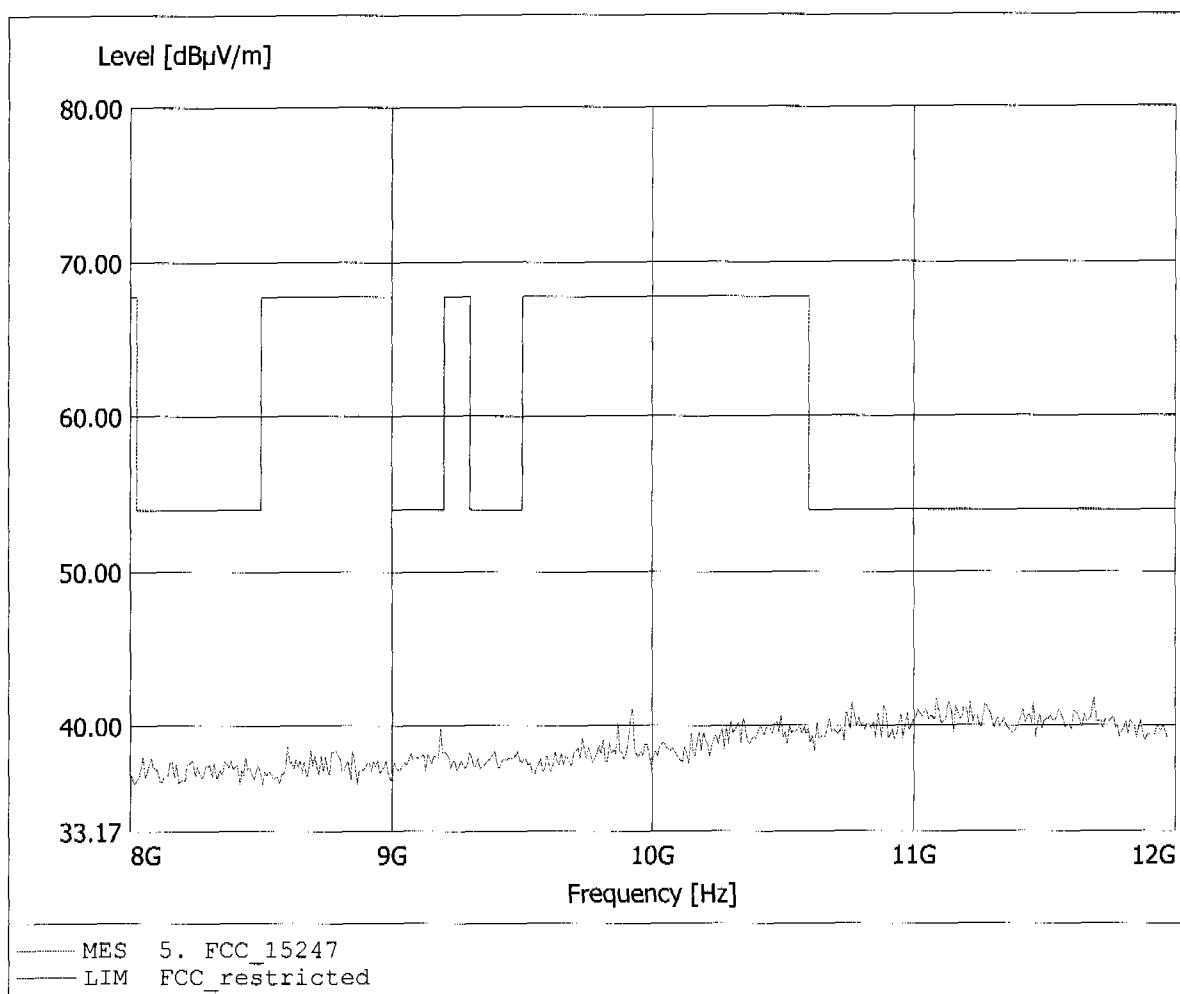
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2441 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 4.882GHz, Emax: 45.91dBμV/m, RBW: 1MHz



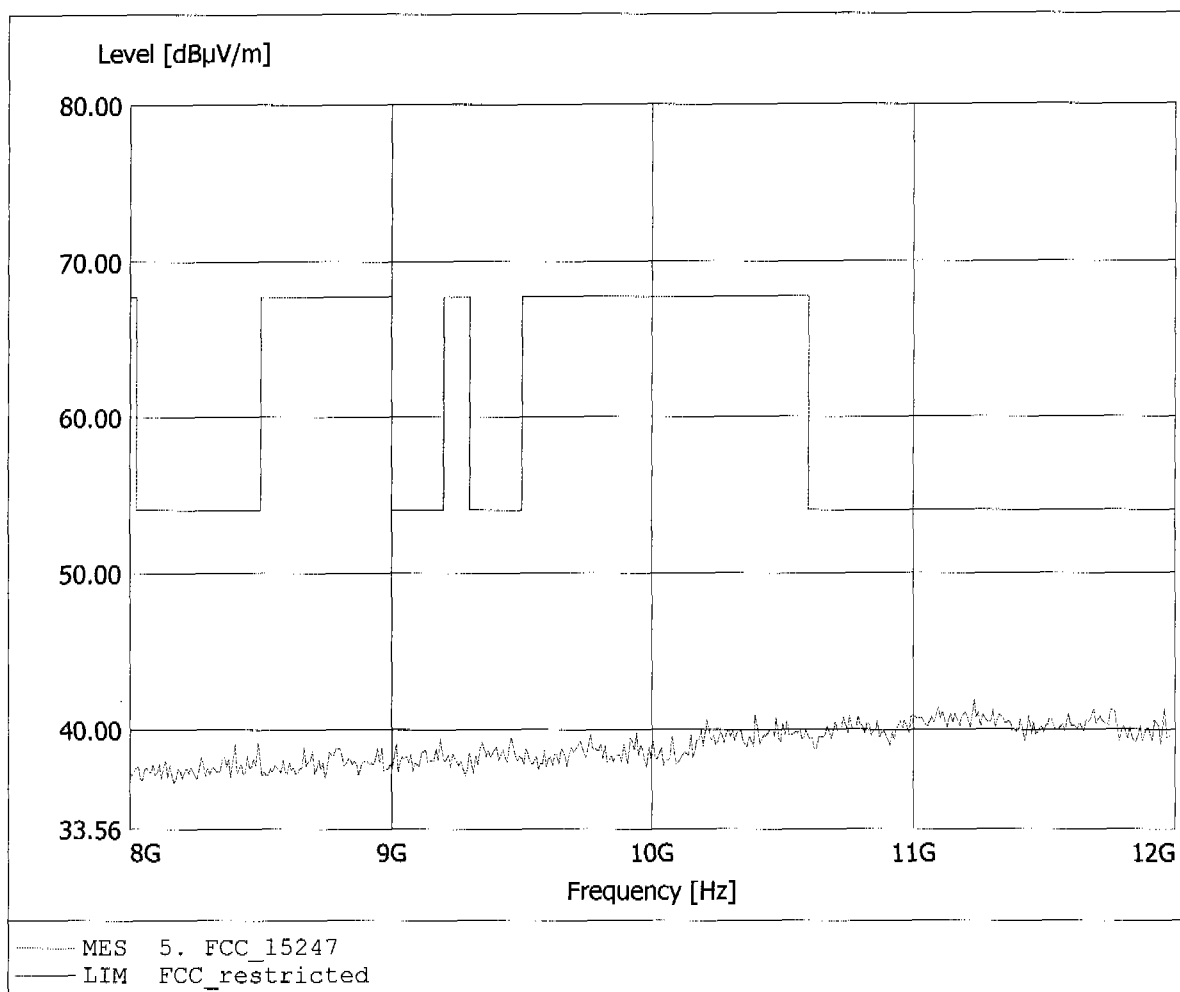
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2480 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.086GHz, Emax: 41.83dBµV/m, RBW: 1MHz



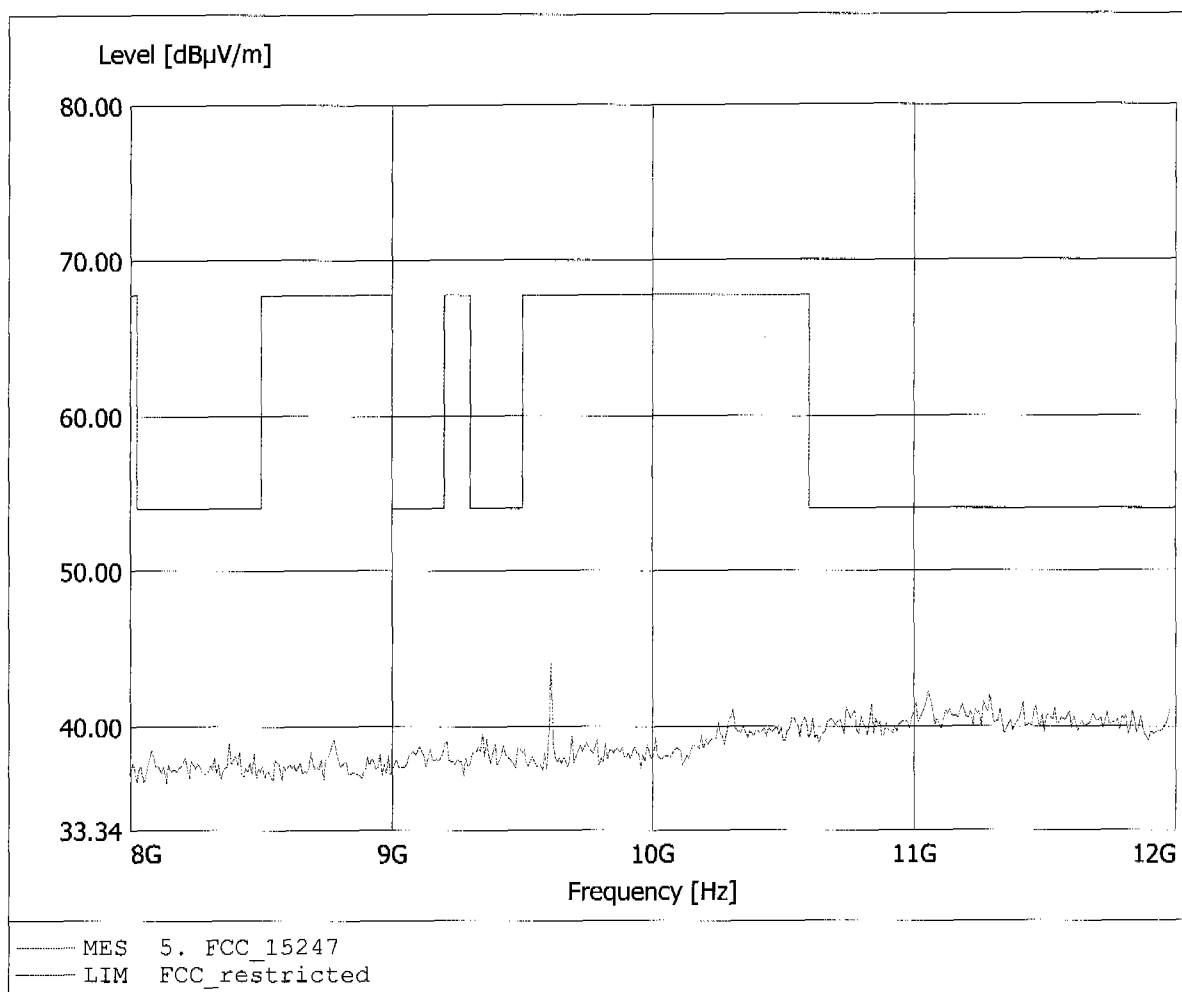
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2480 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.230GHz, Emax: 41.95dBμV/m, RBW: 1MHz



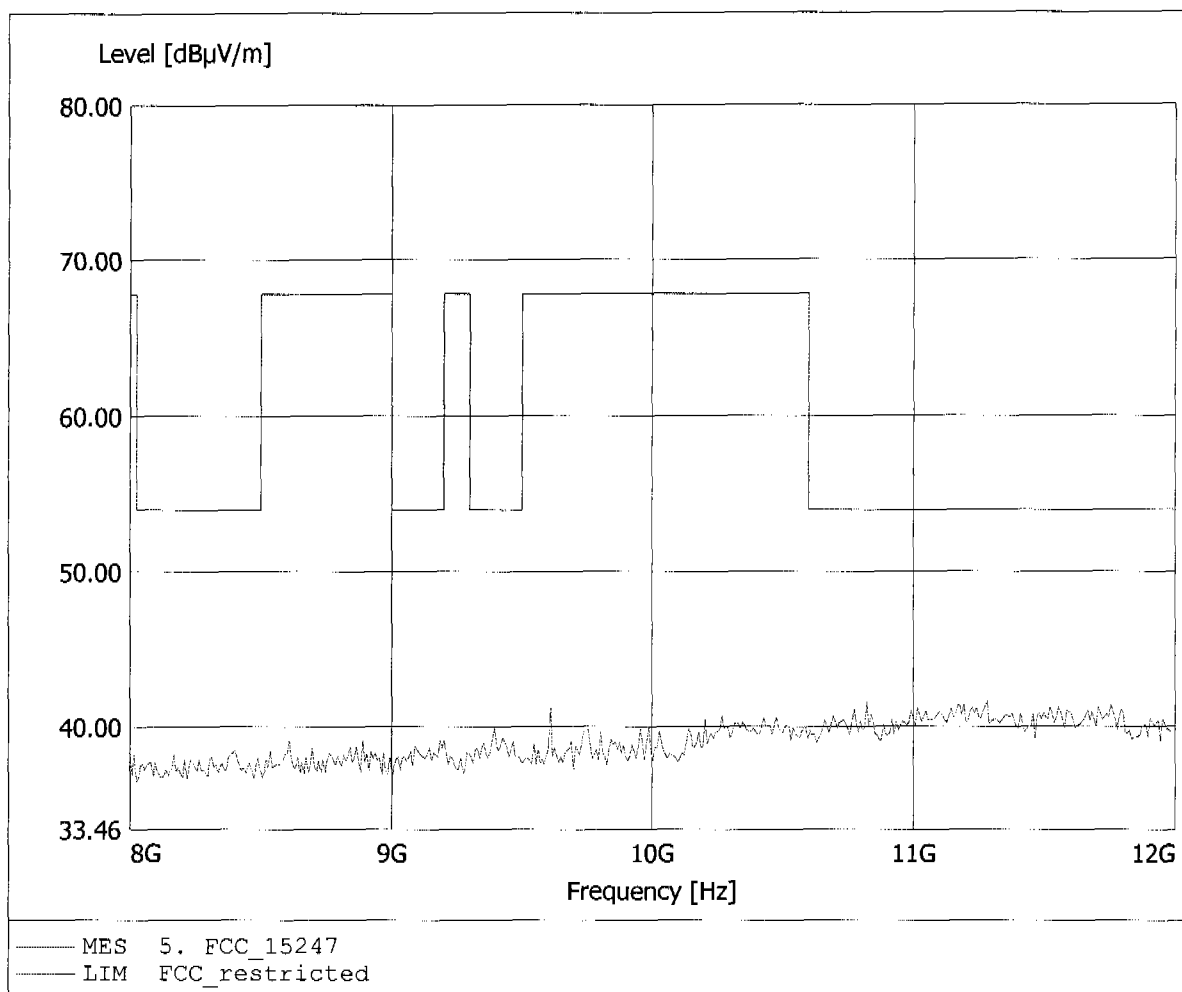
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2402 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 9.611GHz, Emax: 44.07dBμV/m, RBW: 1MHz



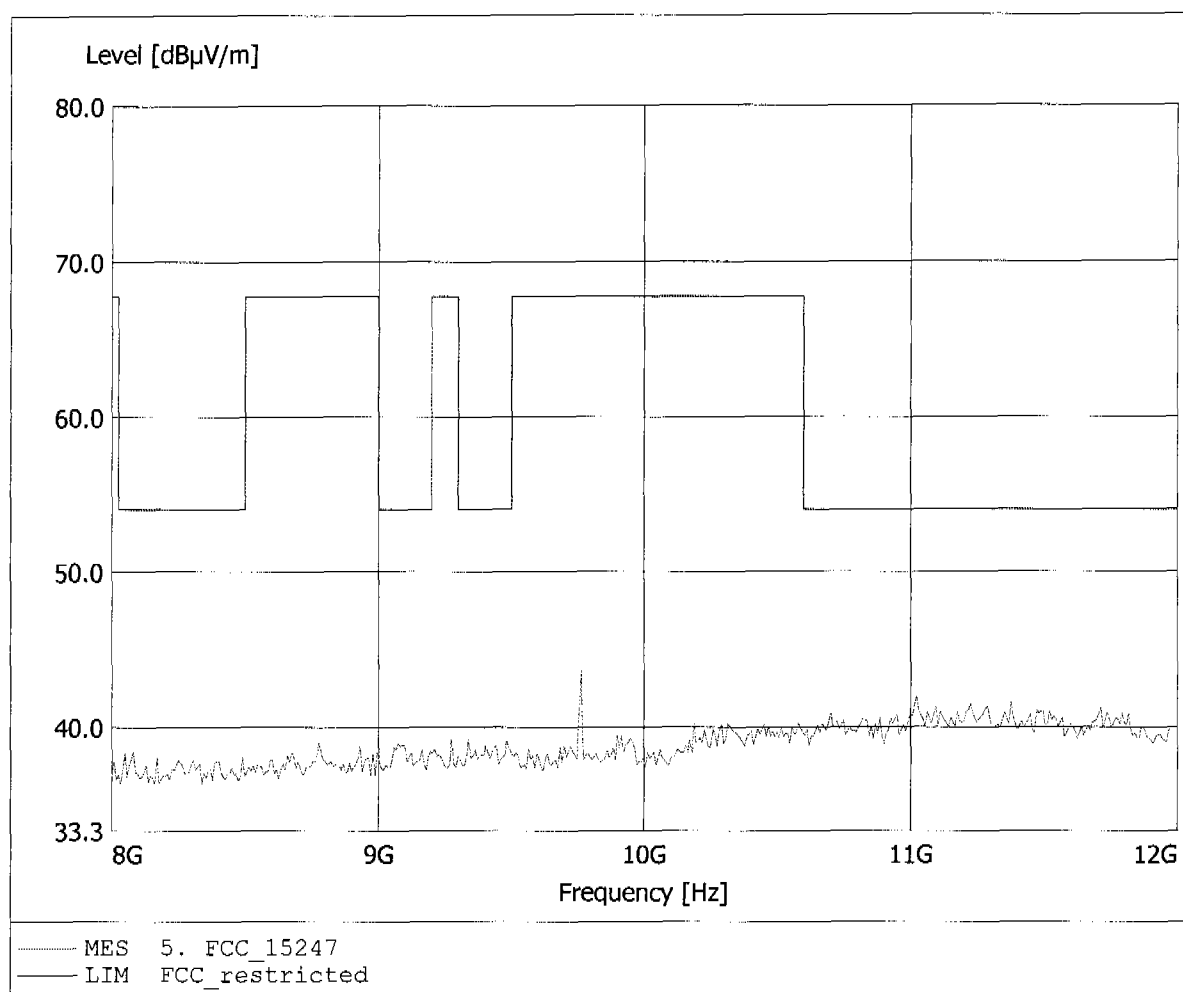
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2402 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.279GHz, Emax: 41.62dBμV/m, RBW: 1MHz



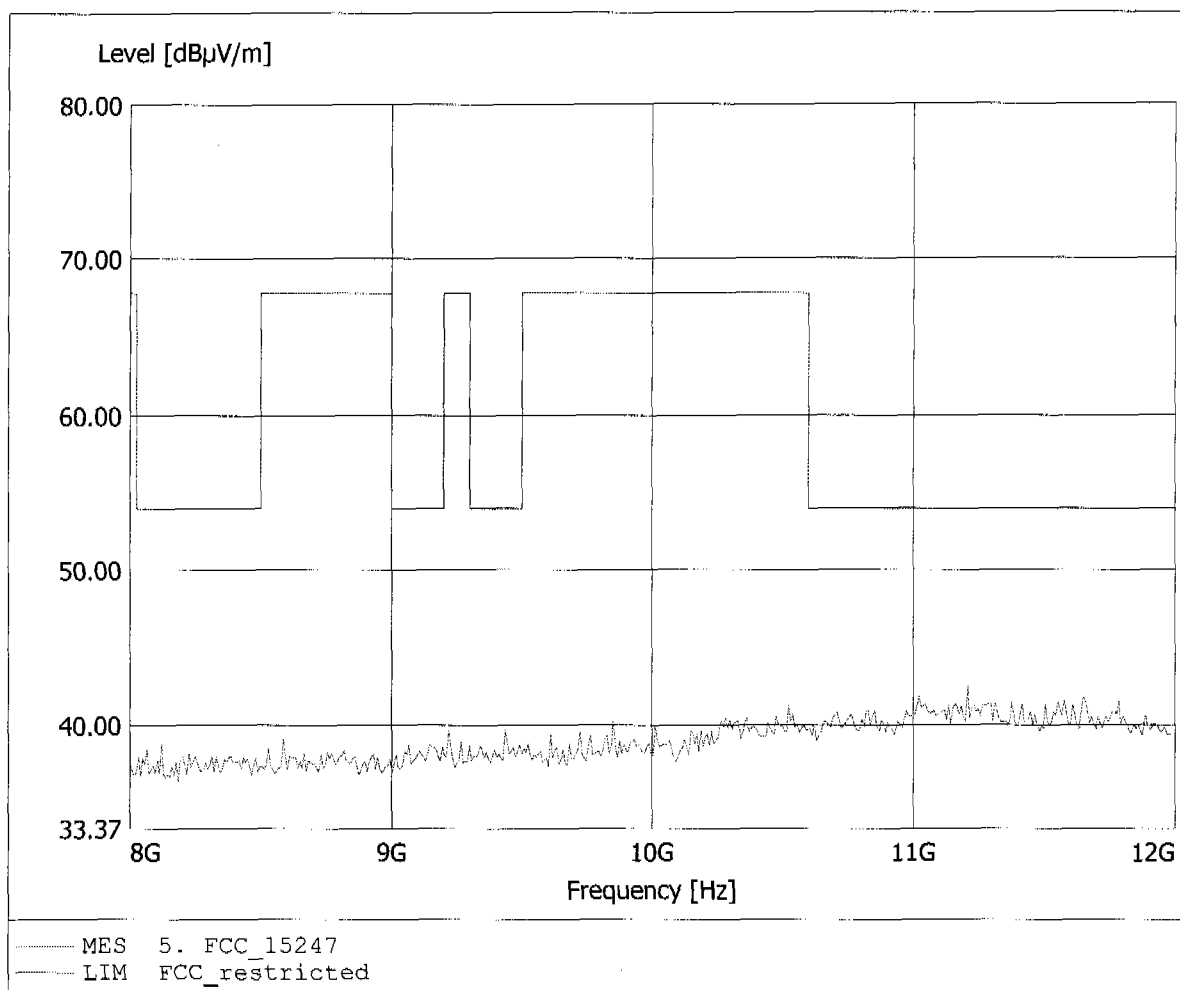
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2441 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 9.764GHz, Emax: 43.64dBuV/m, RBW: 1MHz



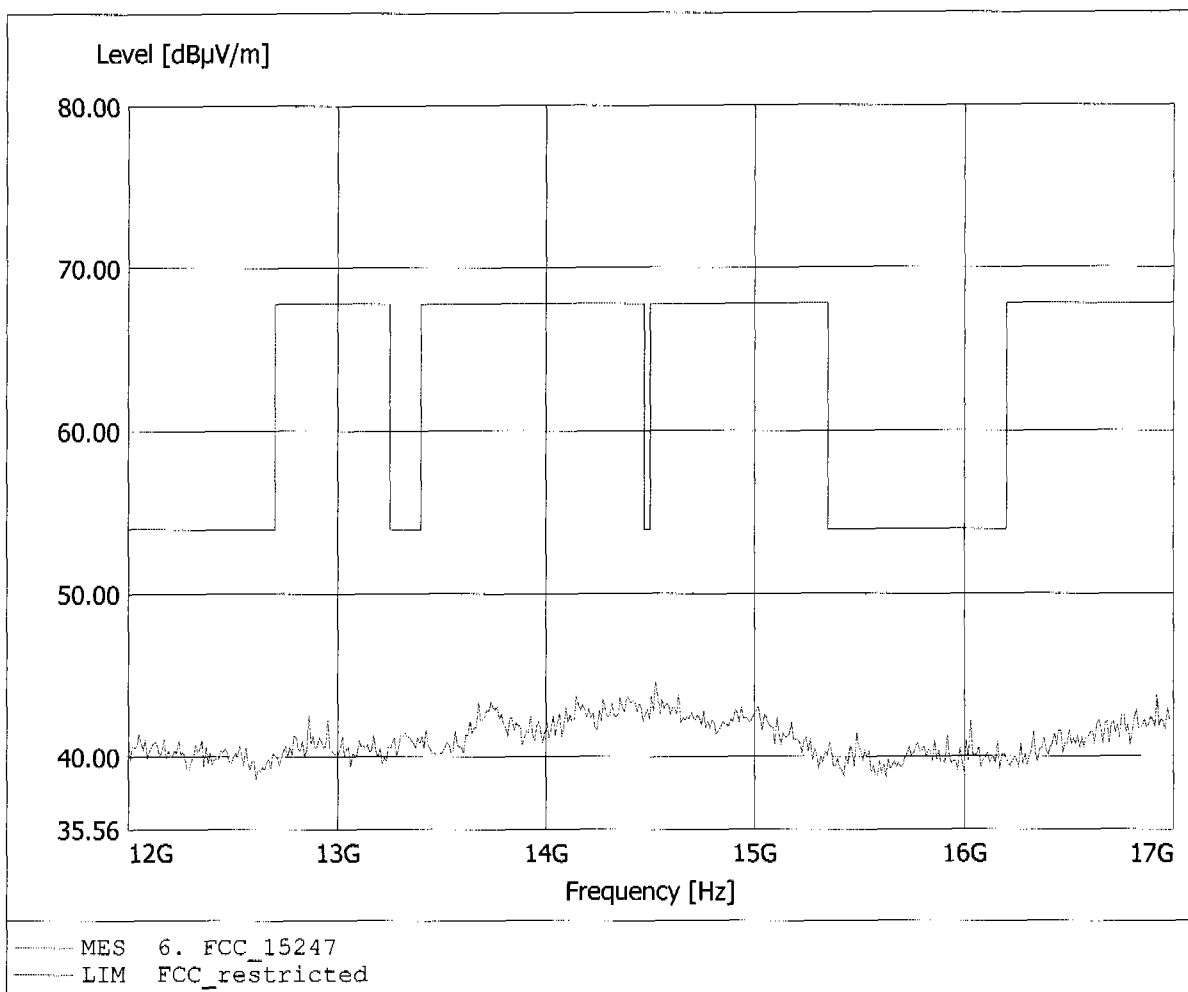
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2441 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.206GHz, Emax: 42.45dBuV/m, RBW: 1MHz



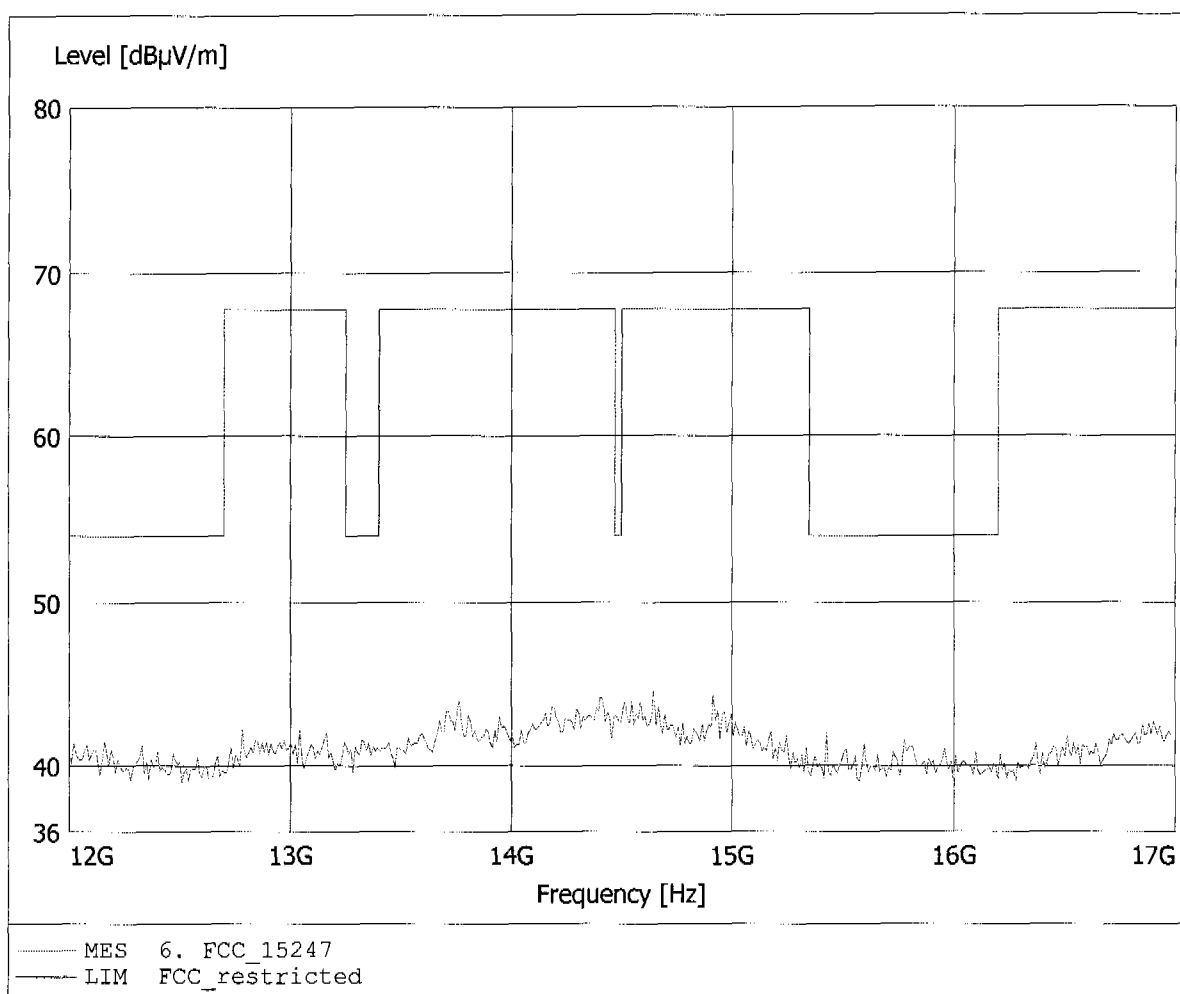
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2480 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.525GHz, Emax: 44.55dBµV/m, RBW: 1MHz



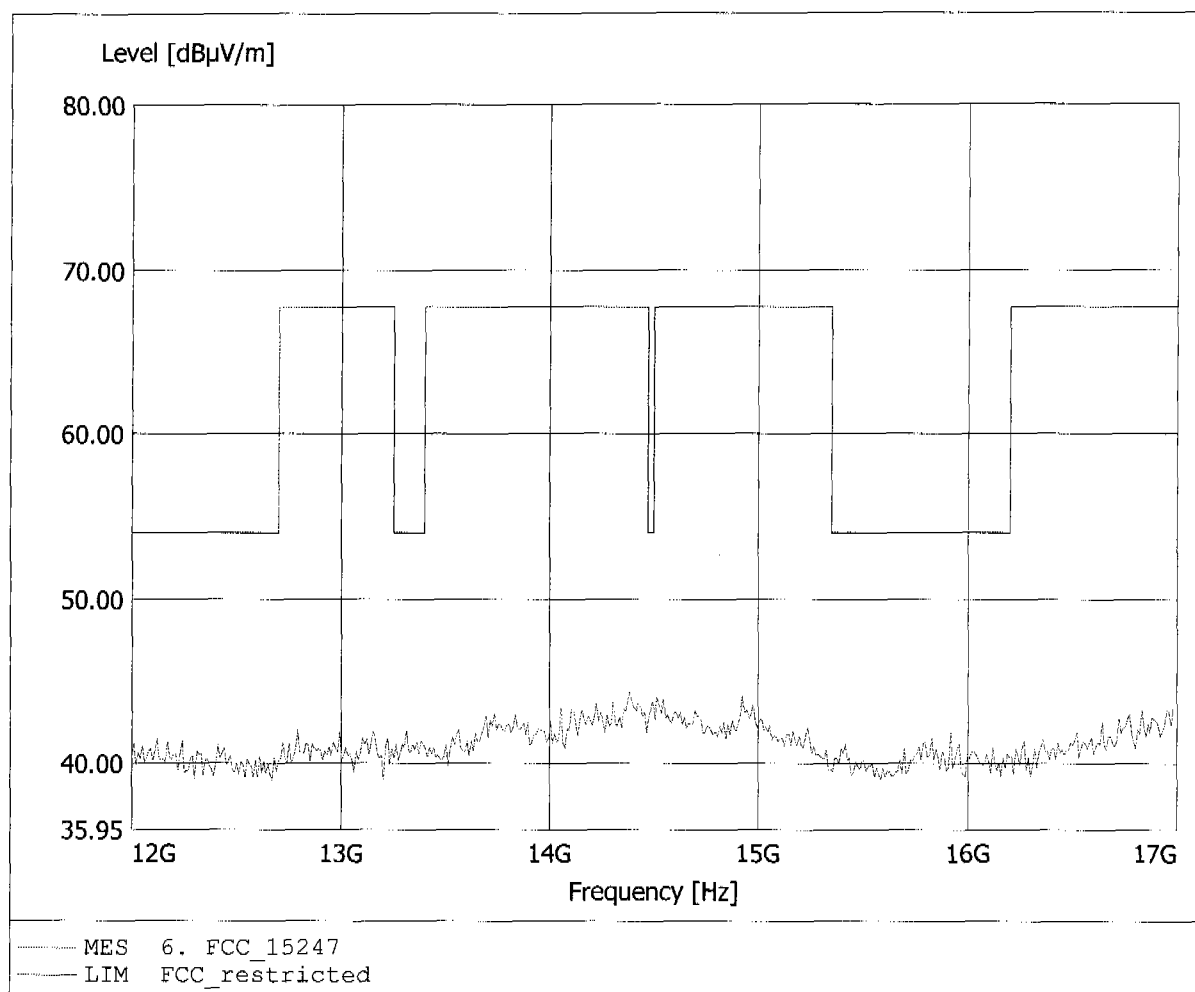
**Spurious emissions Field Strength**  
**FCC RULES PART 15, SUBPART C**

EUT: Bluetooth Headset / Pmax / 2480 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.645GHz, Emax: 44.70dBµV/m, RBW: 1MHz



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

EUT: Bluetooth Headset / Pmax / 2402 MHz  
Model: DBH80 series  
Approval Holder: SunMicrotel (M) Sdn Bhd  
Operating Condition: Tnom: 23°C / Unom: 1.2 V DC (rechargeable battery)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.385GHz, Emax: 44.36dBµV/m, RBW: 1MHz



## Appendix D

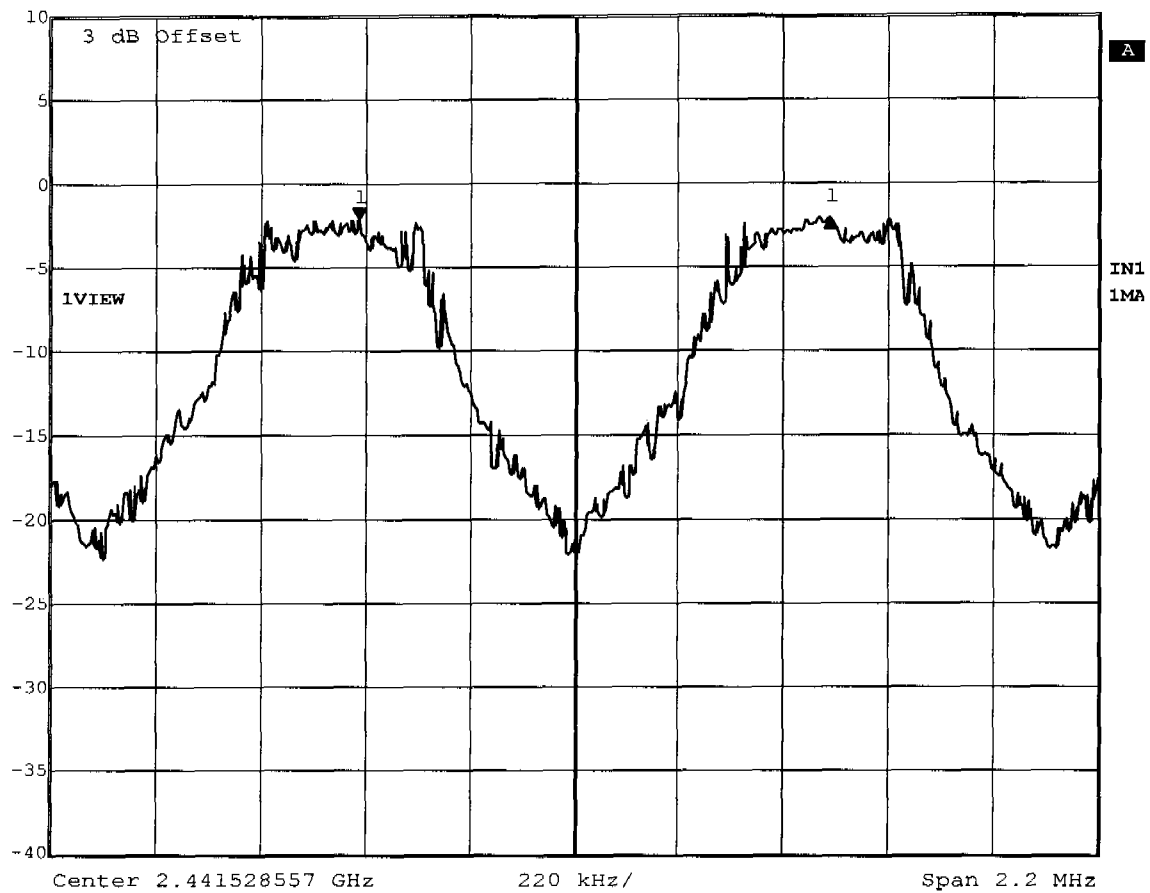
Spurious Emissions conducted - Transmitter operating

## Appendix E

### Carrier Frequency Separation



Delta 1 [T1] RBW 100 kHz RF Att 30 dB  
Ref Lvl -0.02 dB VBW 100 kHz  
10 dBm 991.98396794 kHz SWT 5 ms Unit dBm



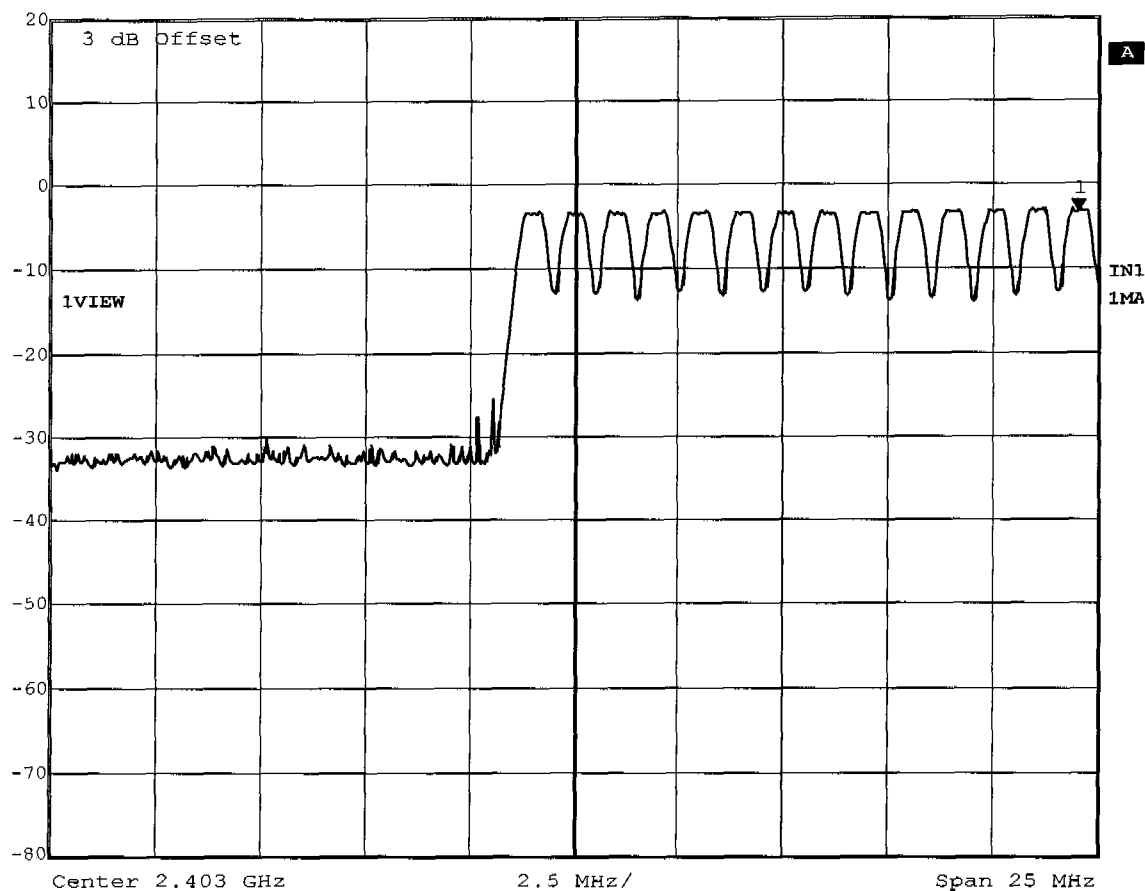
Title: Carrier Frequency Separation  
Comment A: DBH80 series  
Date: 26.FEB.2004 10:30:34

## Appendix F

Number of Hopping Frequencies



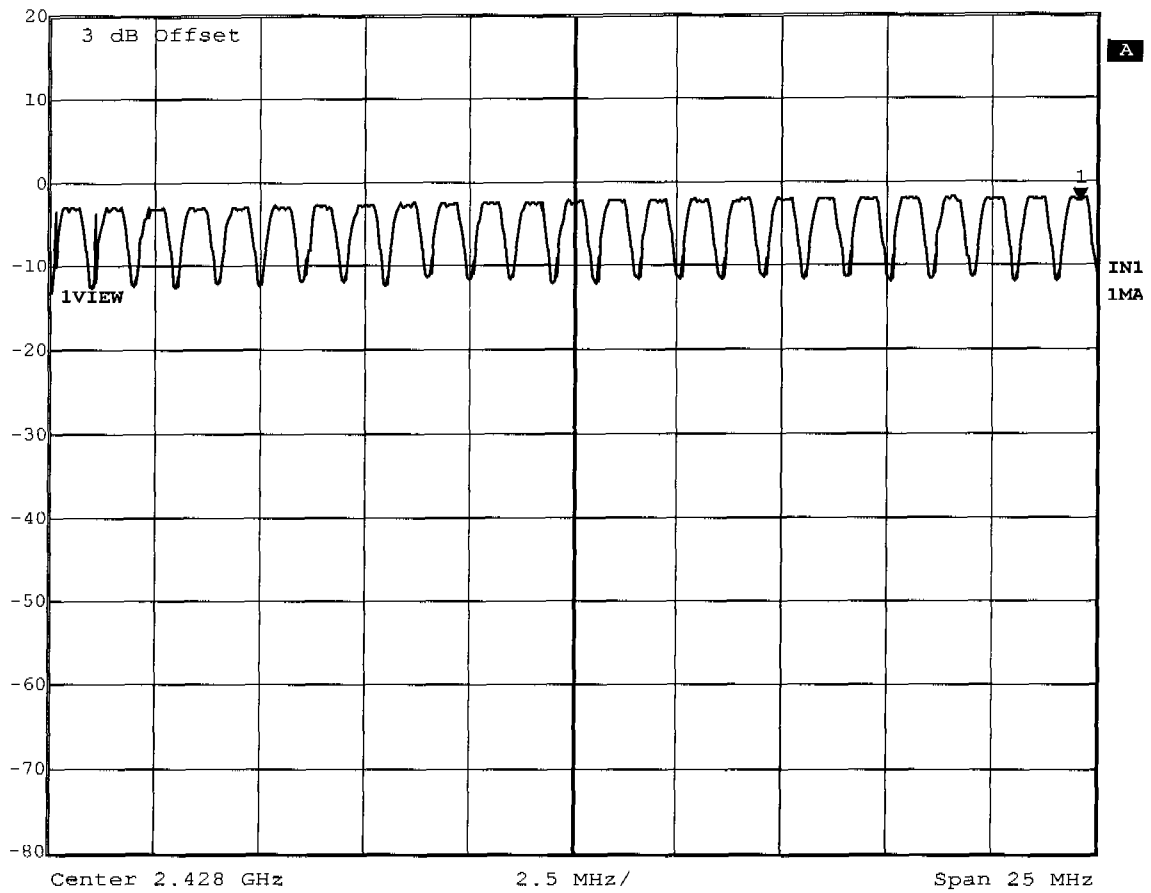
Marker 1 [T1] RBW 300 kHz RF Att 40 dB  
Ref Lvl -3.32 dBm VBW 300 kHz  
20 dBm 2.41504910 GHz SWT 5 ms Unit dBm



Title: Number of Hopping Frequencies Ch.: 0-13  
Comment A: DBH80 series  
Date: 26.FEB.2004 10:35:45



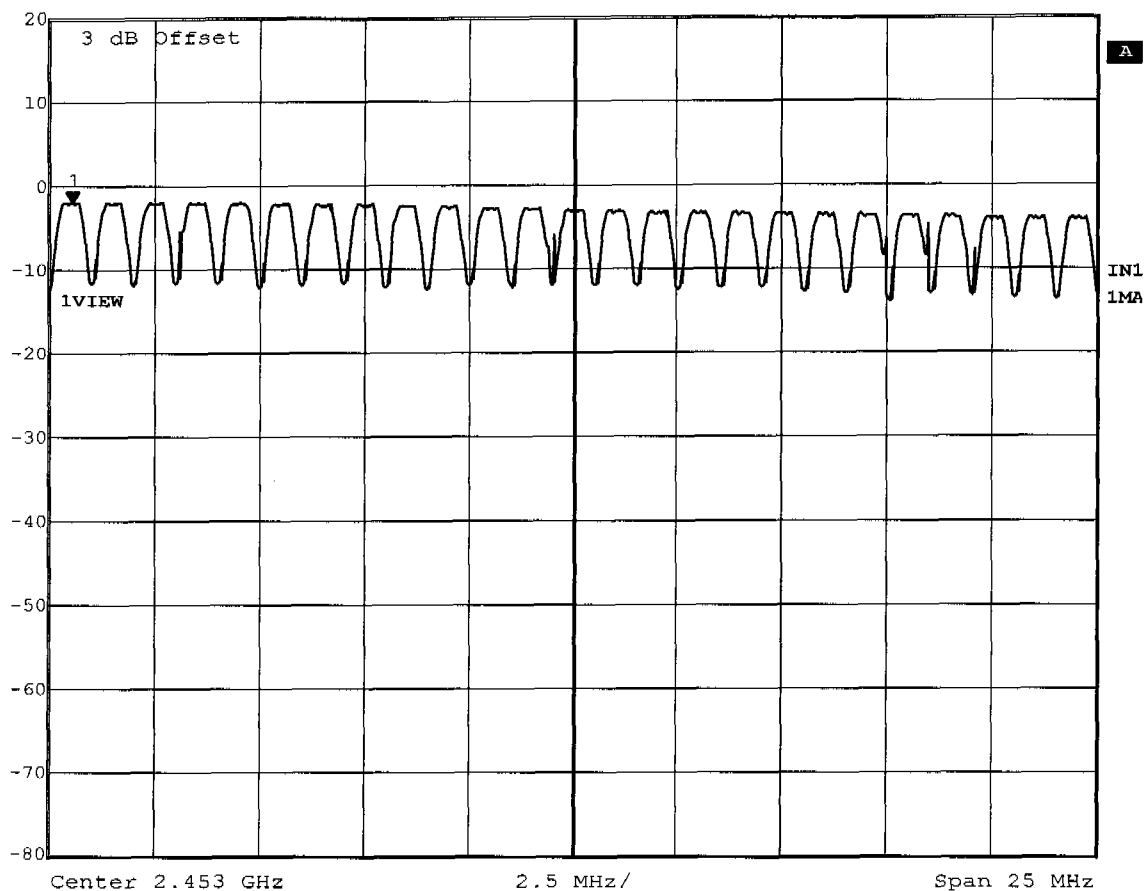
Marker 1 [T1] RBW 300 kHz RF Att 40 dB  
Ref Lvl -2.31 dBm VBW 300 kHz  
20 dBm 2.44009920 GHz SWT 5 ms Unit dBm



Title: Number of Hopping Frequencies Ch.: 14-38  
Comment A: DBH80 series  
Date: 26.FEB.2004 10:37:32



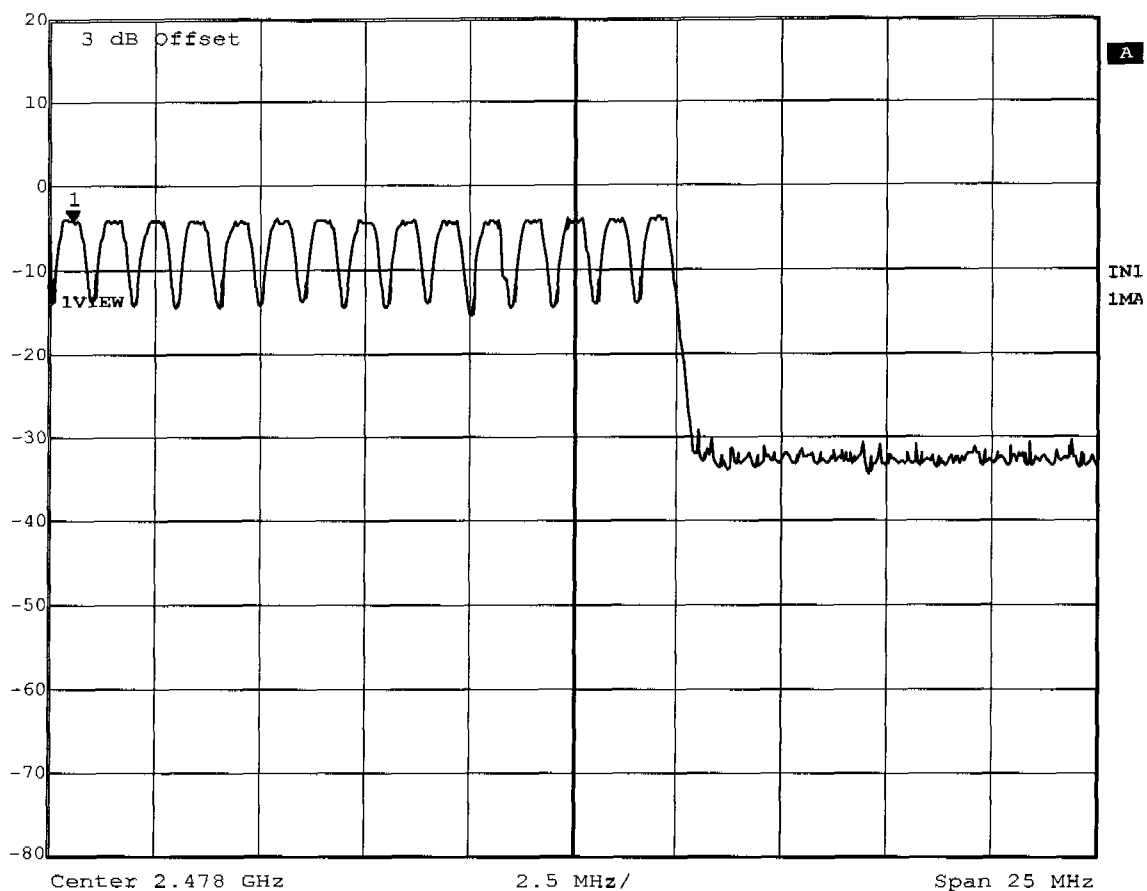
Marker 1 [T1] RBW 300 kHz RF Att 40 dB  
Ref Lvl -2.07 dBm VBW 300 kHz  
20 dBm 2.44105110 GHz SWT 5 ms Unit dBm



Title: Number of Hopping Frequencies Ch.: 39-63  
Comment A: DBH80 series  
Date: 26.FEB.2004 10:41:28



Marker 1 [T1] RBW 300 kHz RF Att 40 dB  
Ref Lvl -4.50 dBm VBW 300 kHz  
20 dBm 2.46605110 GHz SWT 5 ms Unit dBm



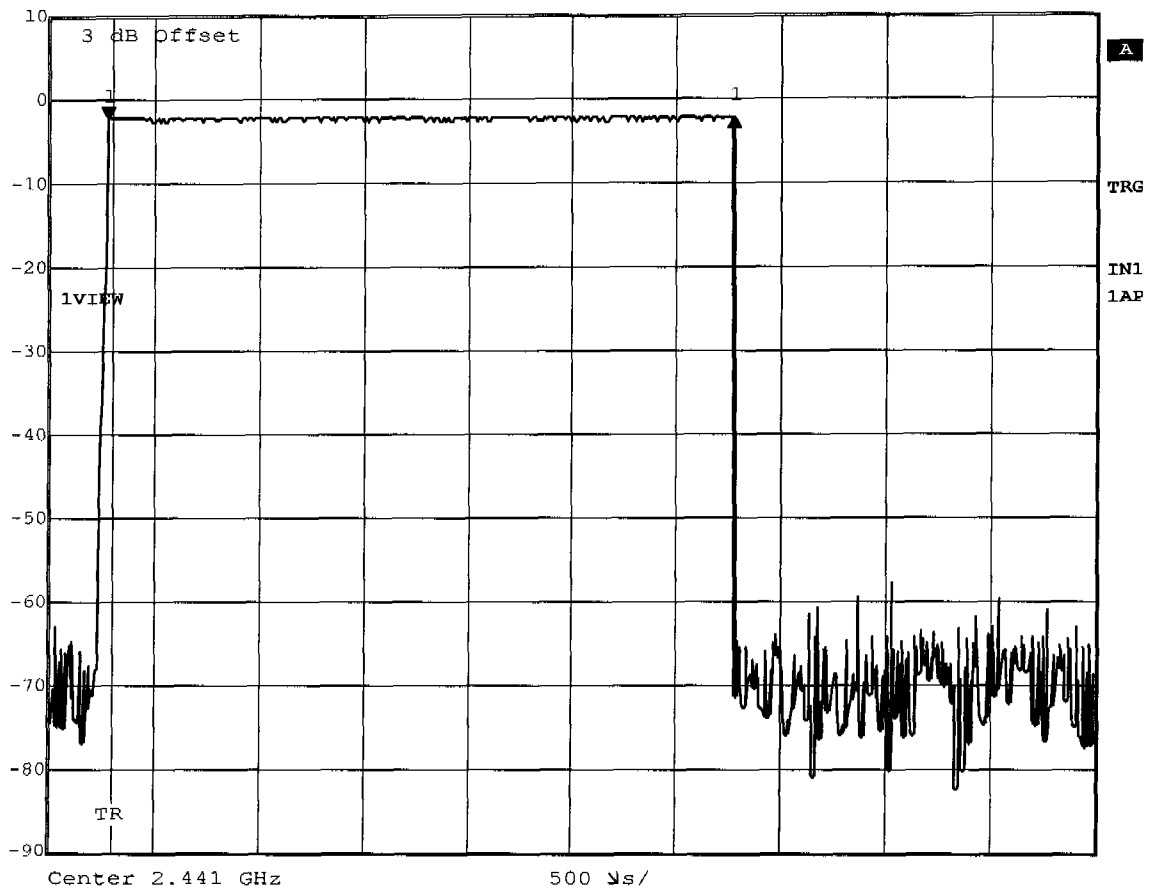
Title: Number of Hopping Frequencies Ch.: 64-78  
Comment A: DBH80 series  
Date: 26.FEB.2004 10:43:07

## Appendix G

Time of Occupancy (Dwell Time)



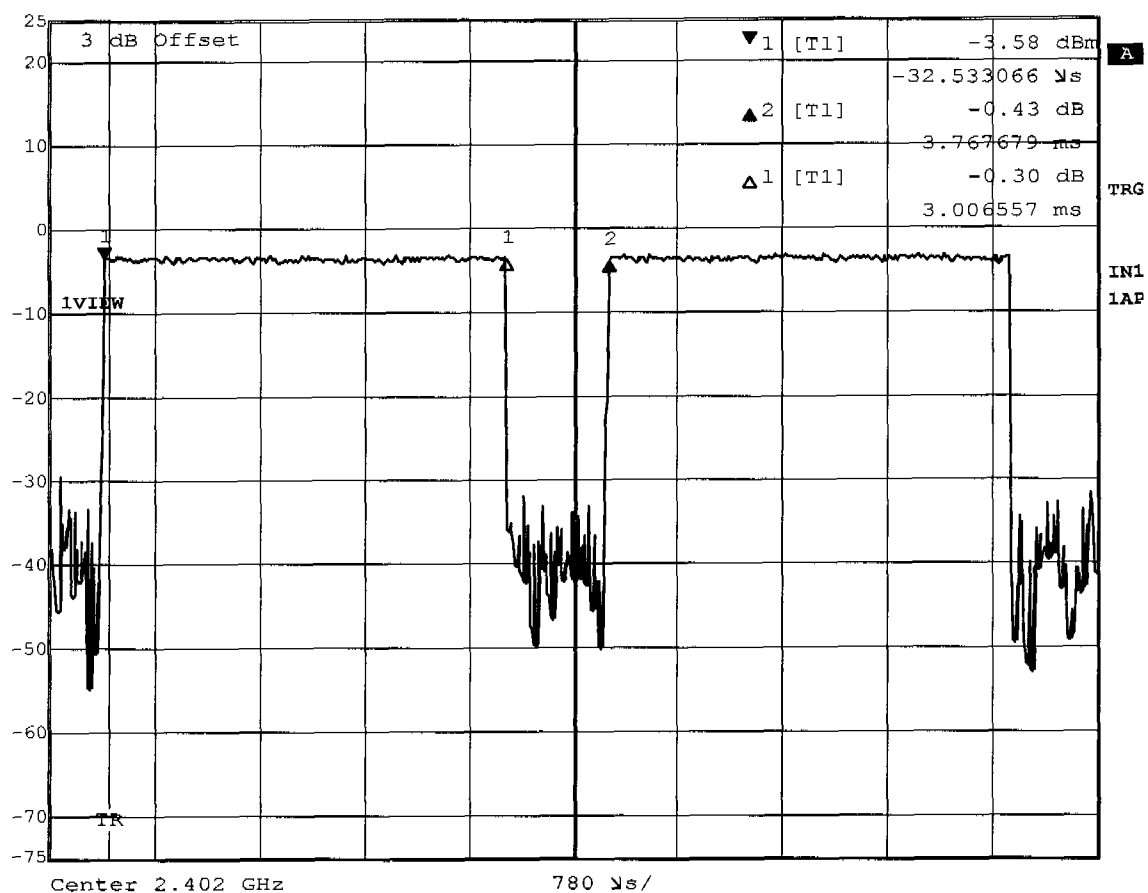
Delta 1 [T1] RBW 1 MHz RF Att 20 dB  
Ref Lvl -0.04 dB VBW 1 MHz  
10 dBm 2.995992 ms SWT 5 ms Unit dBm



Title: Time of occupancy (Hopping DH5) 61 events\*2.996ms=182.76ms  
Comment A: DBH80 series  
Date: 26.FEB.2004 11:39:22



Delta 2 [T1] RBW 1 MHz RF Att 50 dB  
Ref Lvl -0.43 dB VBW 1 MHz  
25 dBm 3.767679 ms SWT 7.8 ms Unit dBm



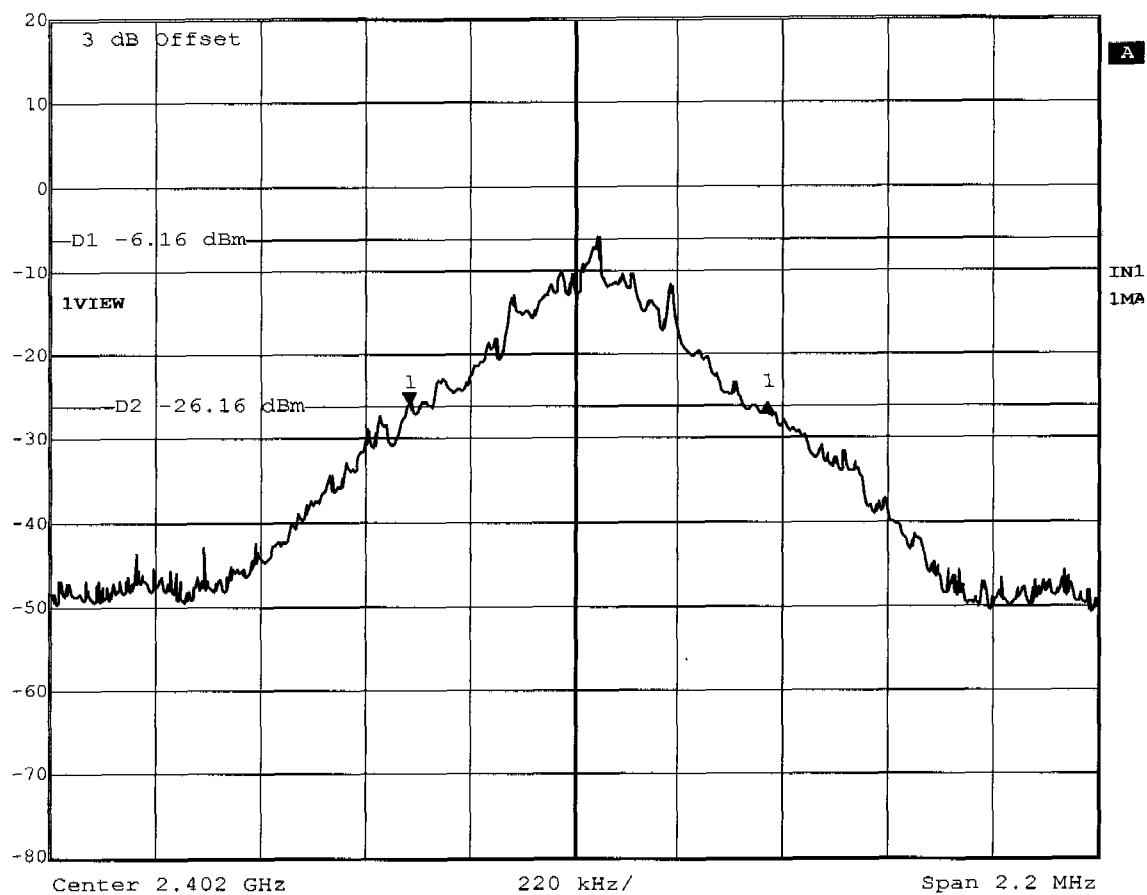
Title: Duty Cycle  
Comment A: DBH80 series  
Date: 26.FEB.2004 10:15:08

## Appendix H

20dB Bandwidth



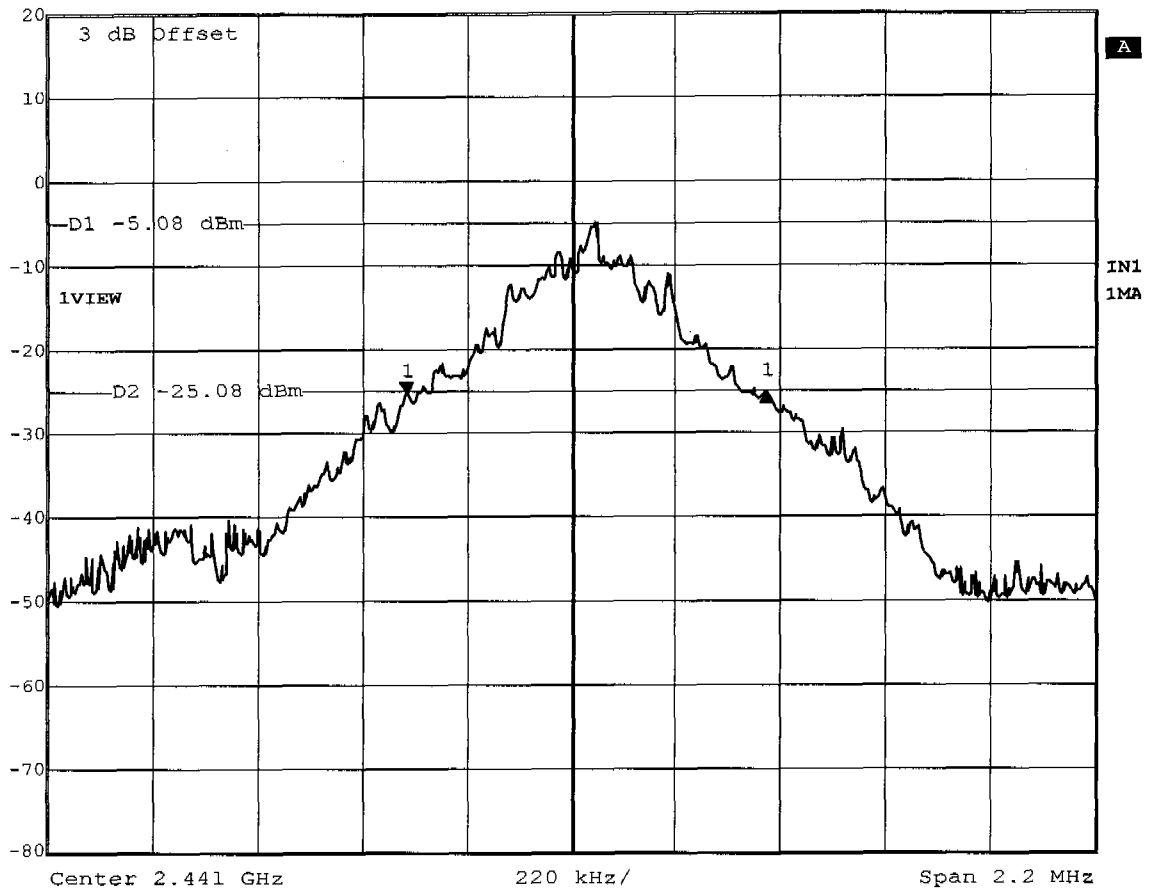
Delta 1 [T1] RBW 10 kHz RF Att 40 dB  
Ref Lvl -0.13 dB VBW 10 kHz  
20 dBm 753.90781563 kHz SWT 56 ms Unit dBm



Title: -20 dB Bandwidth Ch.: 0  
Comment A: DBH80 series  
Date: 26.FEB.2004 09:13:13



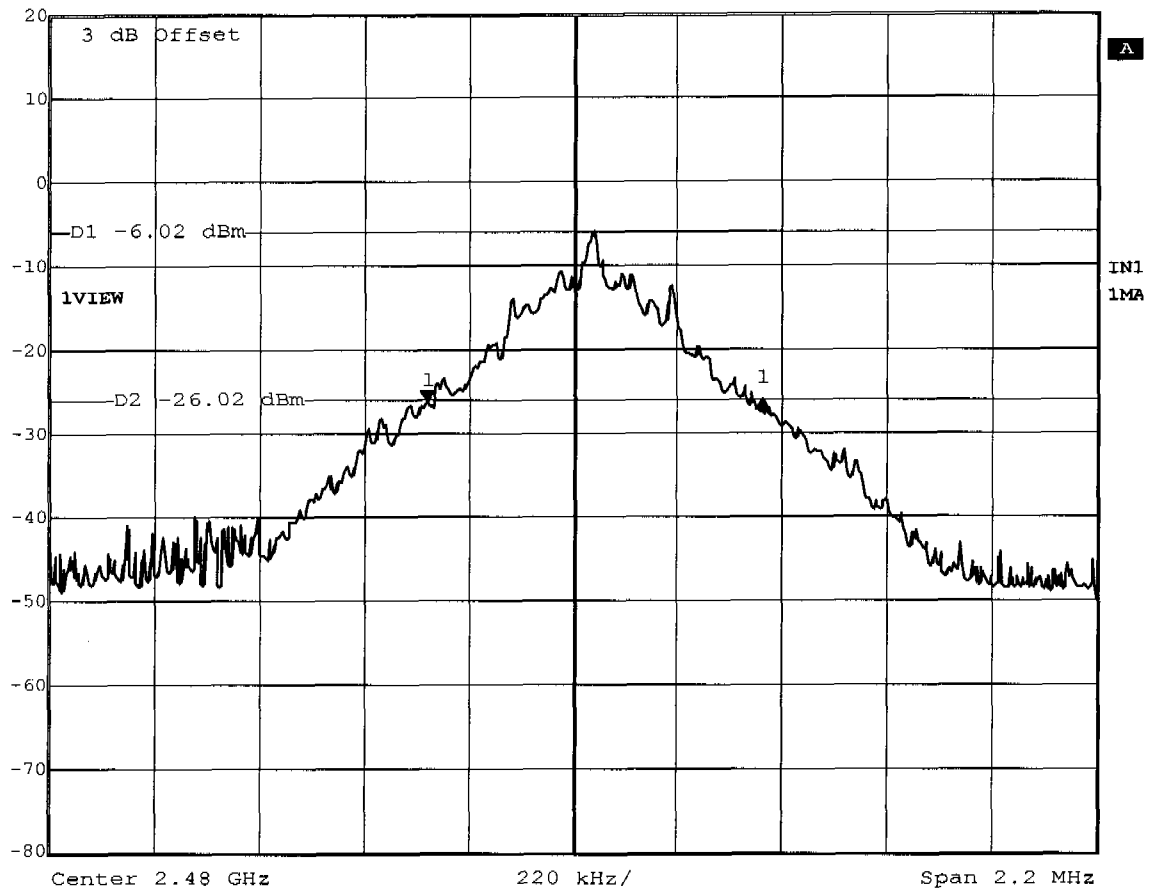
Delta 1 [T1] RBW 10 kHz RF Att 40 dB  
Ref Lvl 0.09 dB VBW 10 kHz  
20 dBm 758.31663327 kHz SWT 56 ms Unit dBm



Title: -20 dB Bandwidth Ch.: 39  
Comment A: DBH80 series  
Date: 26.FEB.2004 09:11:21



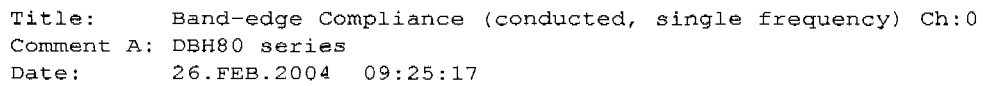
Delta 1 [T1] RBW 10 kHz RF Att 40 dB  
Ref Lvl 0.44 dB VBW 10 kHz  
20 dBm 705.41082164 kHz SWT 56 ms Unit dBm



Title: -20 dB Bandwidth Ch.: 78  
Comment A: DBH80 series  
Date: 26.FEB.2004 09:09:30

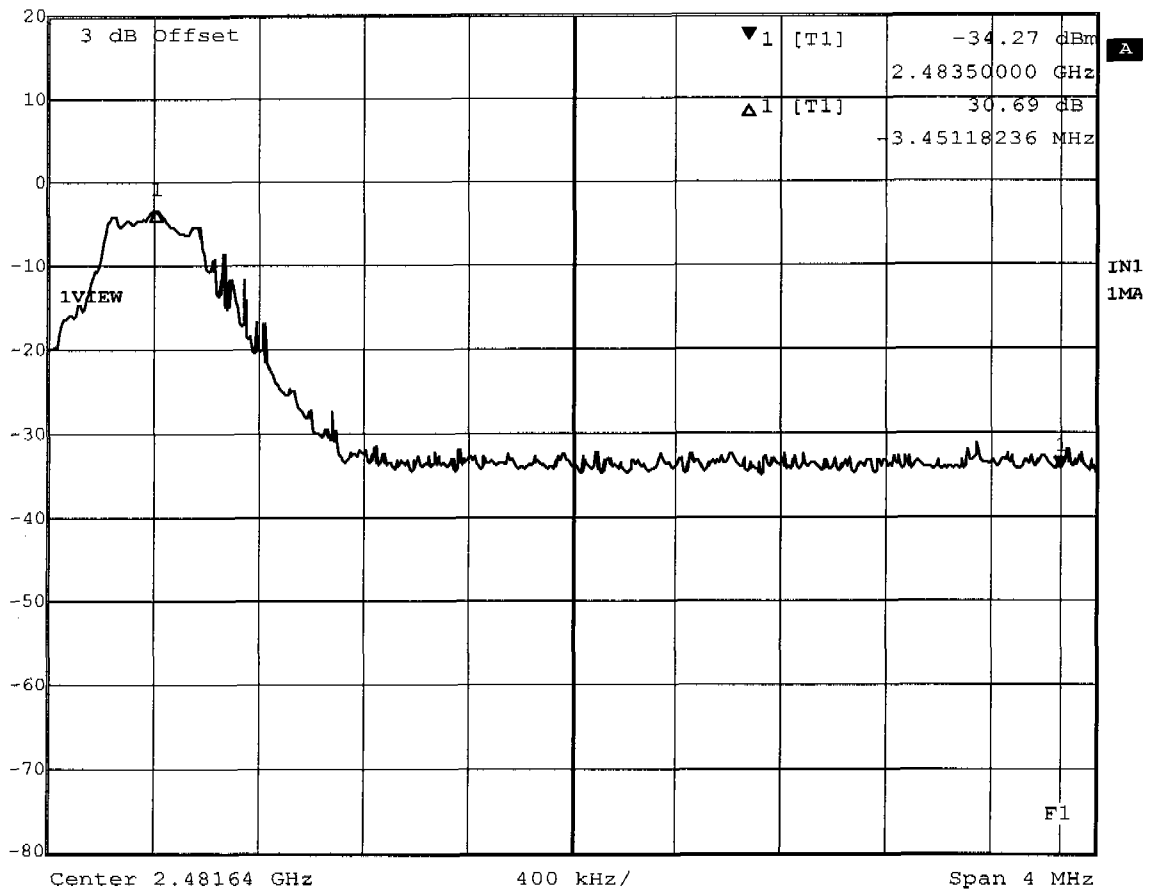
## Appendix I

Band-edge Compliance of RF Emissions





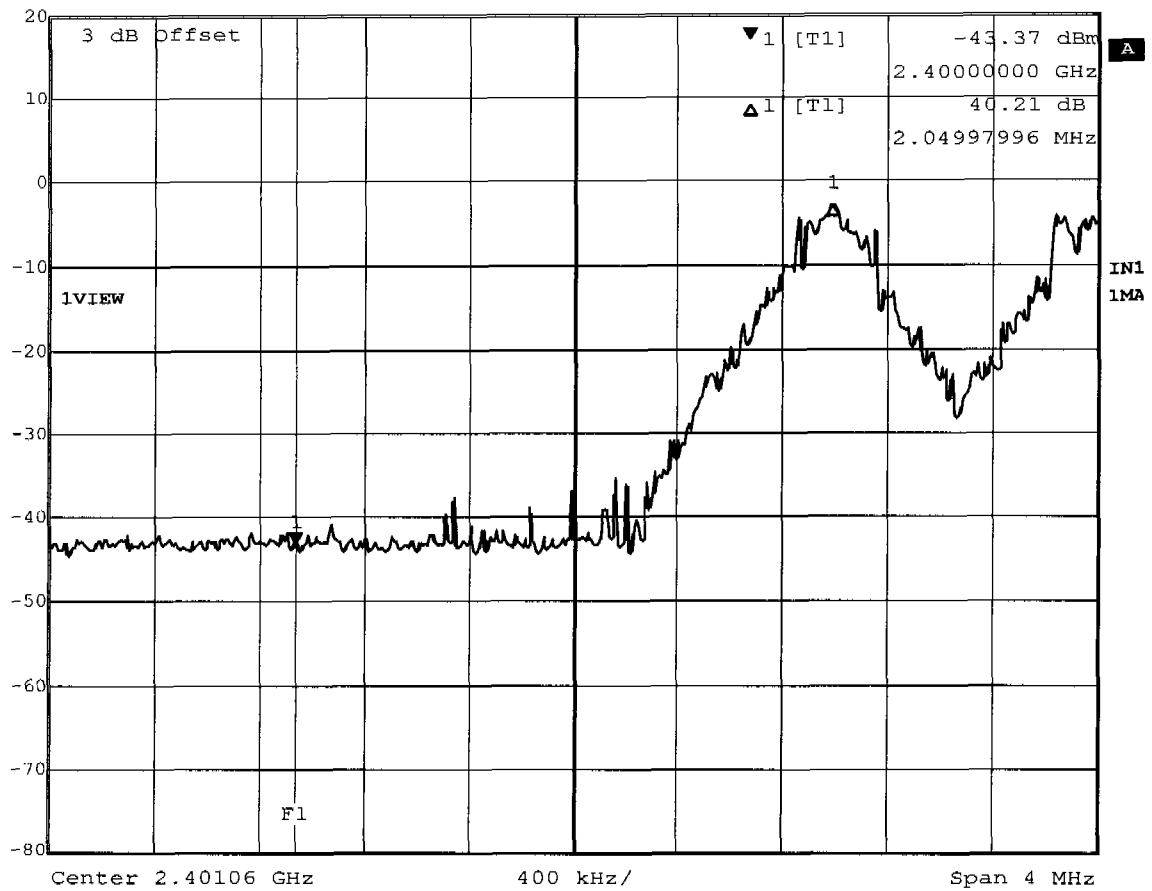
Marker 1 [T1] RBW 50 kHz RF Att 40 dB  
Ref Lvl -34.27 dBm VBW 50 kHz  
20 dBm 2.48350000 GHz SWT 5 ms Unit dBm



Title: Band-edge Compliance (conducted, single frequency) Ch:78  
Comment A: DBH80 series  
Date: 26.FEB.2004 09:35:33



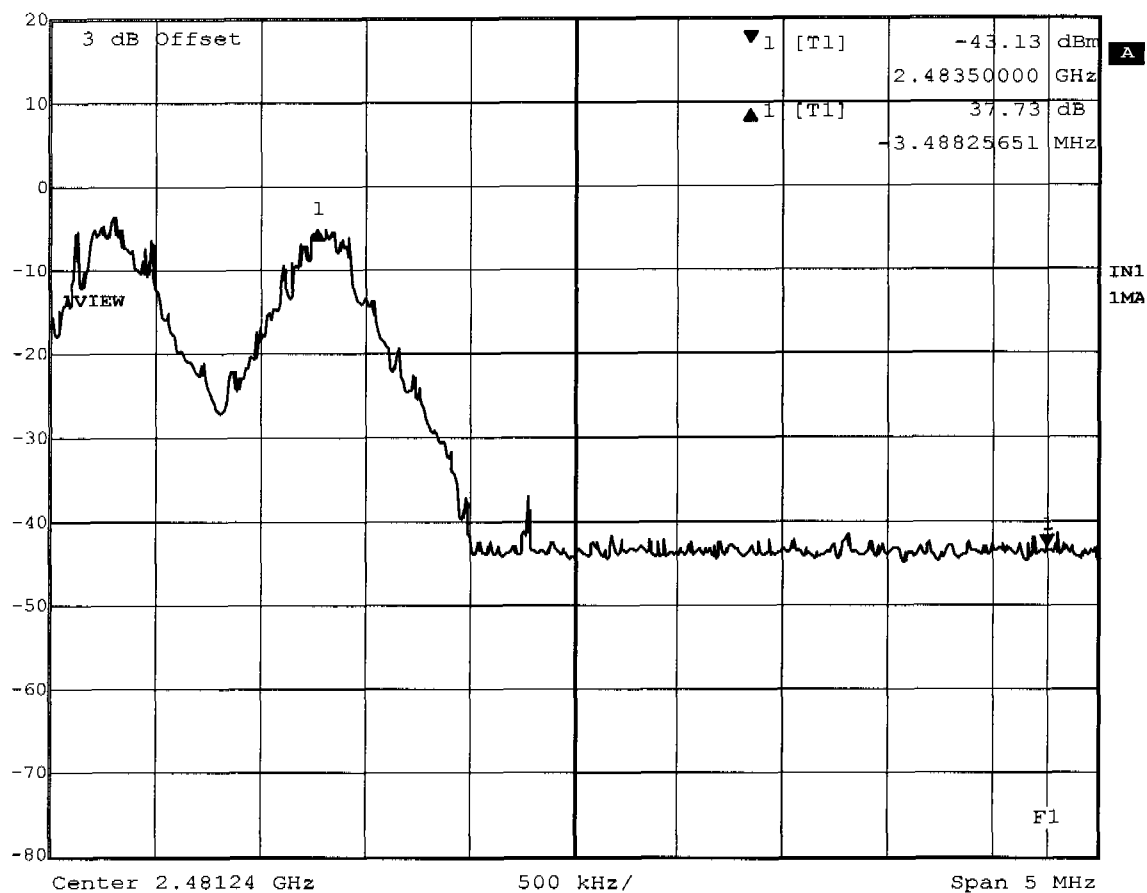
Marker 1 [T1] RBW 50 kHz RF Att 40 dB  
Ref Lvl -43.37 dBm VBW 50 kHz  
20 dBm 2.40000000 GHz SWT 5 ms Unit dBm



Title: Band-edge Compliance (conducted, hopping mode) Ch:0  
Comment A: DBH80 series  
Date: 26.FEB.2004 09:28:37



Delta 1 [T1] RBW 50 kHz RF Att 40 dB  
Ref Lvl 37.73 dB VBW 50 kHz  
20 dBm -3.48825651 MHz SWT 5 ms Unit dBm



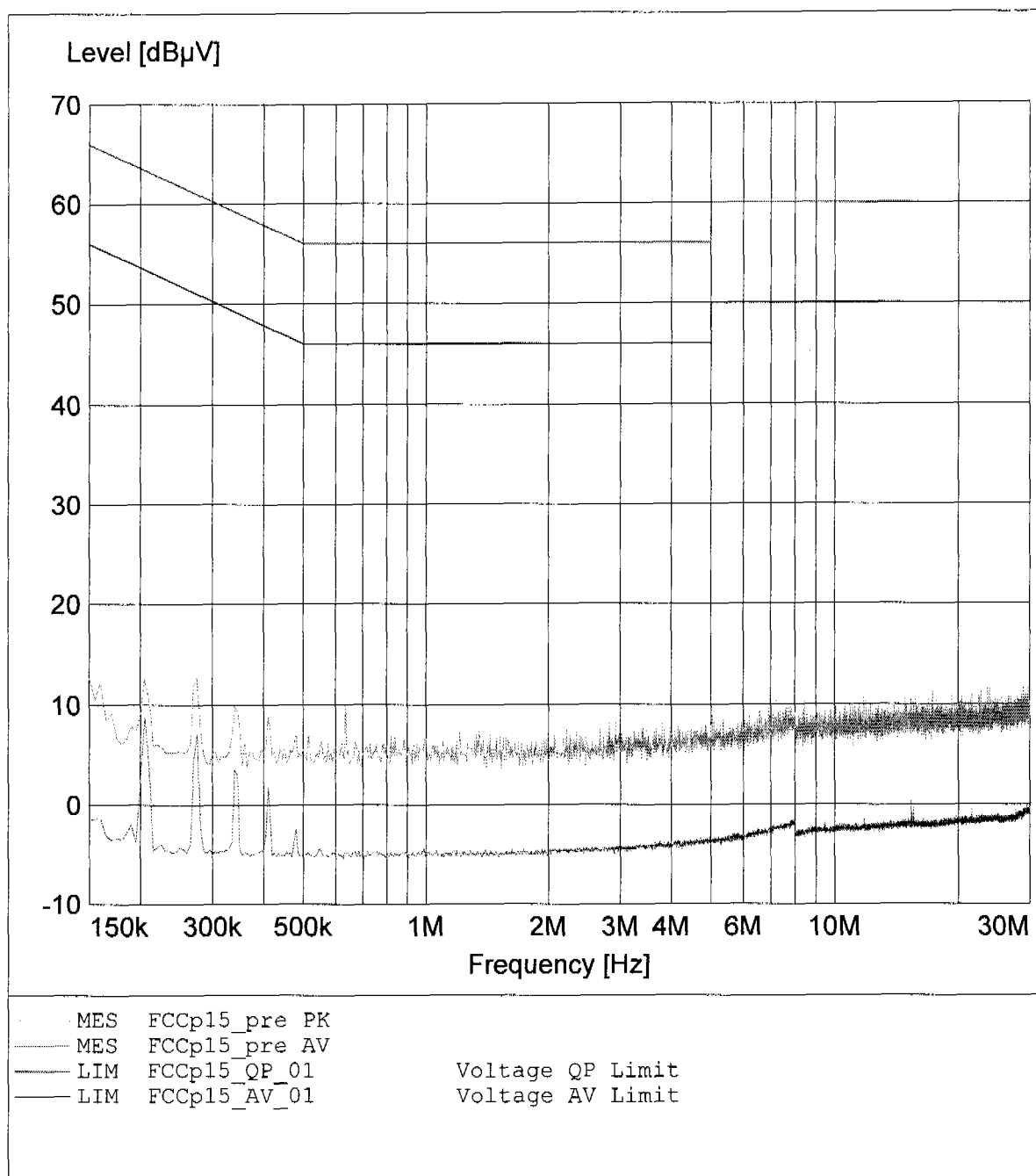
Title: Band-edge Compliance (conducted, hopping mode) Ch:78  
Comment A: DBH80 series  
Date: 26.FEB.2004 09:32:32

## Appendix J

Conducted Measurement at (AC) Power Line

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

EUT: BLUETOOTH HEADSET  
Manufacturer: SUN MICROTREL ( M ) SDN BHD  
Operating Condition: Unom: 120 V AC ( AC / DC -adaptor ), Tnom: 23°C  
Test Site: ETS  
Operator: Mr. Marquardt  
Test Specification: V-Network: ESH2-Z5 (L1)  
Comment: model: DBH80 SERIES mode: CHARGING  
charger: CAT. NO. 273 - 1761



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

EUT: BLUETOOTH HEADSET  
Manufacturer: SUN MICROTREL ( M ) SDN BHD  
Operating Condition: Unom: 120 V AC ( AC / DC -adaptor ), Tnom: 23°C  
Test Site: ETS  
Operator: Mr. Marquardt  
Test Specification: V-Network: ESH2-Z5 (N)  
Comment: model: DBH80 SERIES mode: CHARGING  
charger: CAT. NO. 273 - 1761

