

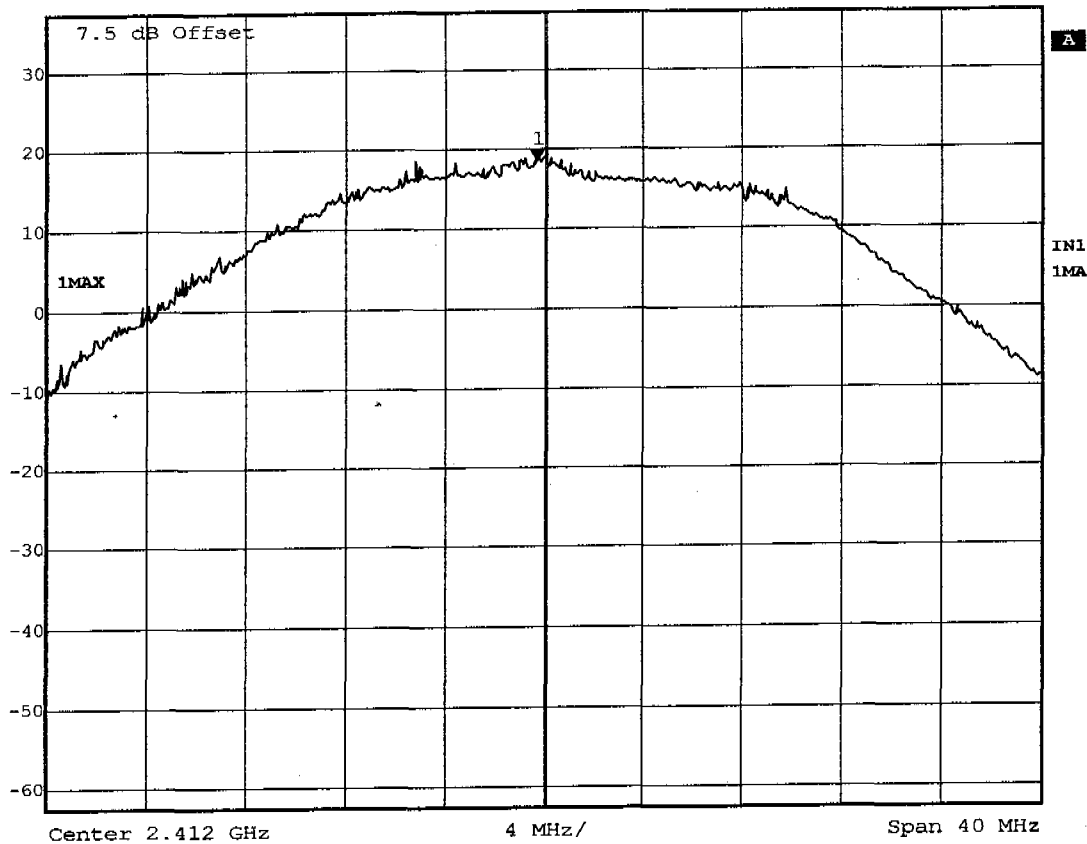


## Appendix B

Peak Output Power



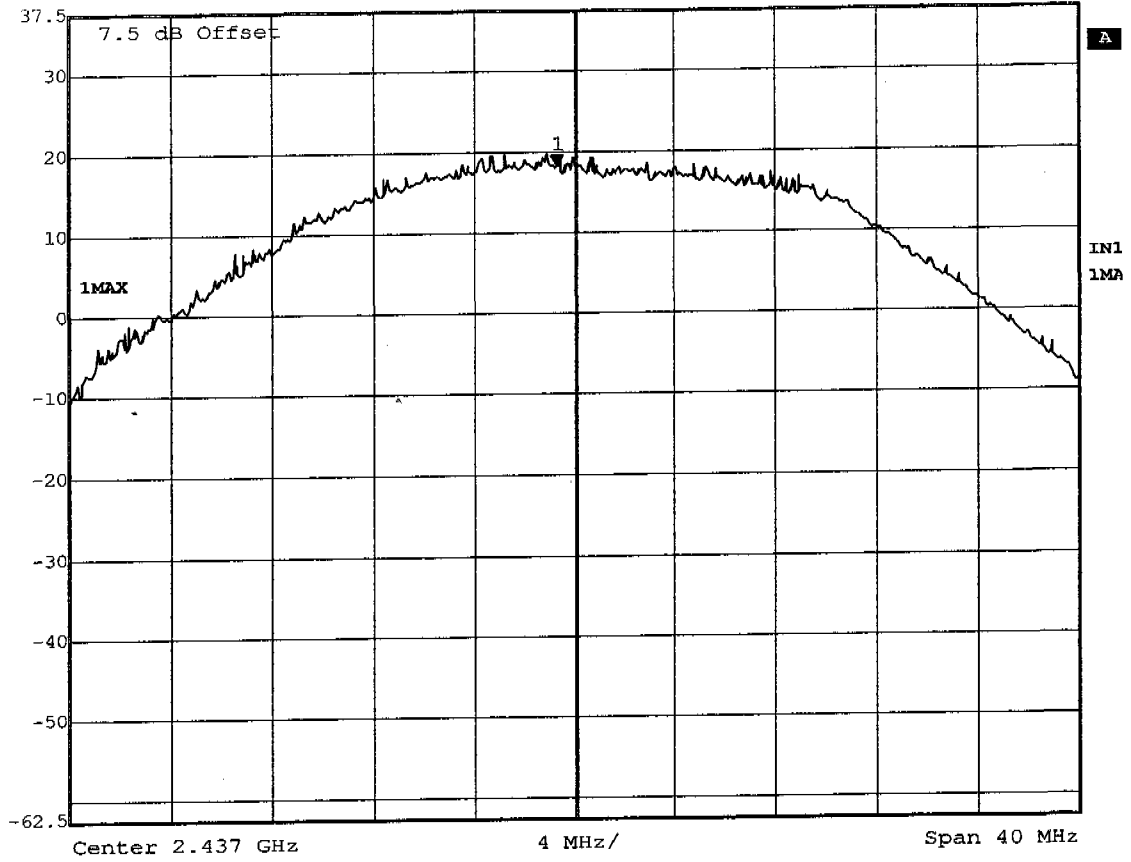
Marker 1 [T1] RBW 10 MHz RF Att 40 dB  
Ref Lvl 18.45 dBm VBW 10 MHz  
37.5 dBm 2.41171944 GHz SWT 200 ms Unit dBm



Title: 11G CH1 MAX POWER 6Mbps  
Date: 2.MAR.2004 00:37:01



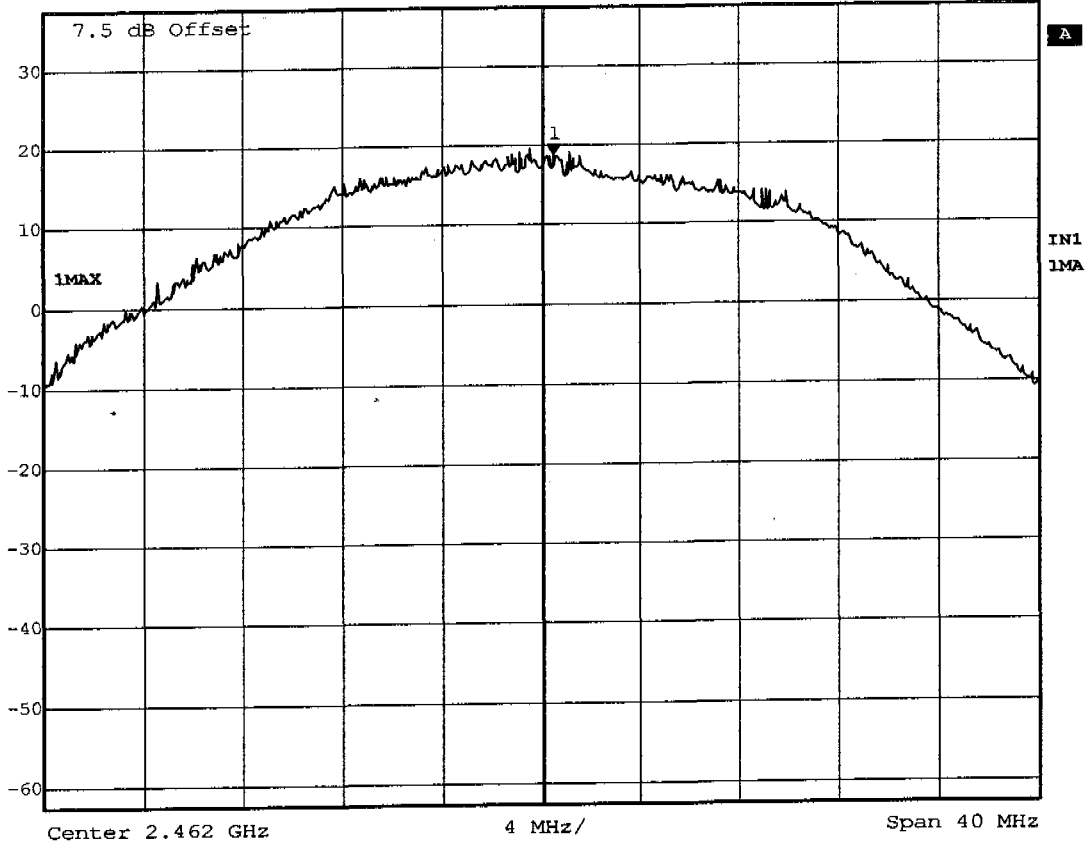
Marker 1 [T1]	REW	10 MHz	RF Att	40 dB
Ref Lvl	18.21 dBm	VBW	10 MHz	
37.5 dBm	2.43631864 GHz	SWT	200 ms	Unit dBm



Title: 11G CH6 MAX POWER  
Date: 1.APR.2004 03:32:13



Marker 1 [T1] RBW 10 MHz RF Att 40 dB  
Ref Lvl 18.57 dBm VBW 10 MHz  
37.5 dBm 2.46252104 GHz SWT 200 ms Unit dBm



Title: 11G CH11 MAX POWER  
Date: 2.MAR.2004 01:05:41



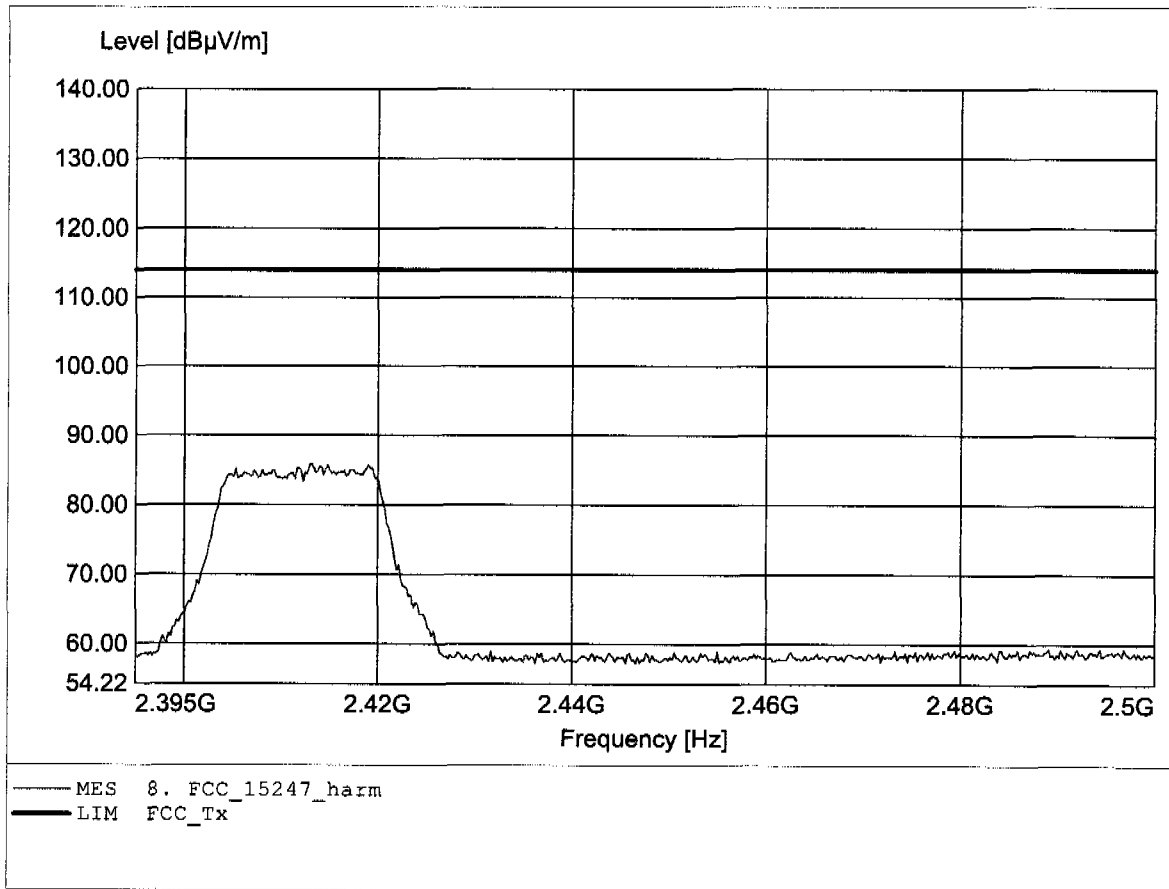
## Appendix C

Spurious Emissions radiated - Transmitter operating

**Carrier power (Field Strength)**

**FCC RULES PART 15, SUBPART C**

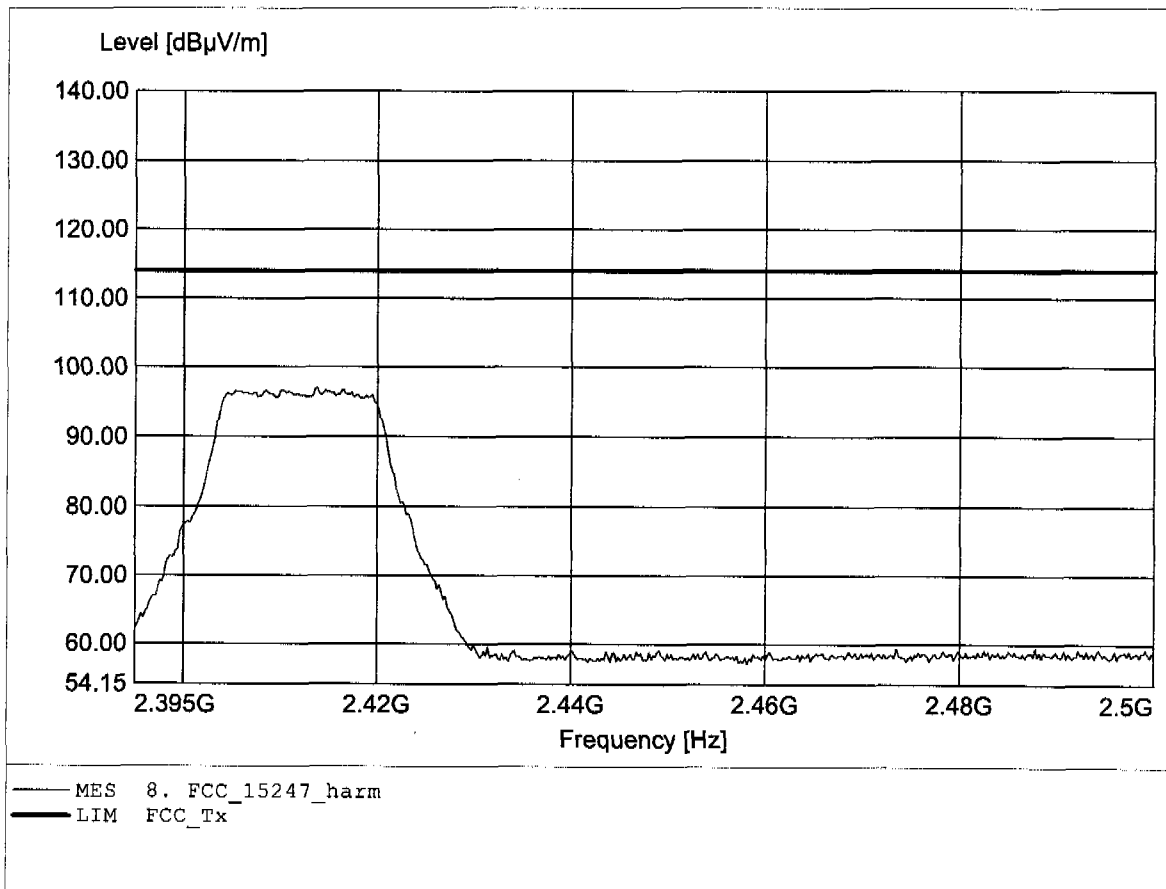
EUT: AP 11G CH1  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL025  
Freq: 2.413GHz, Emax: 85.94dBµV/m, RBW: 1MHz



**Carrier power (Field Strength)**

**FCC RULES PART 15, SUBPART C**

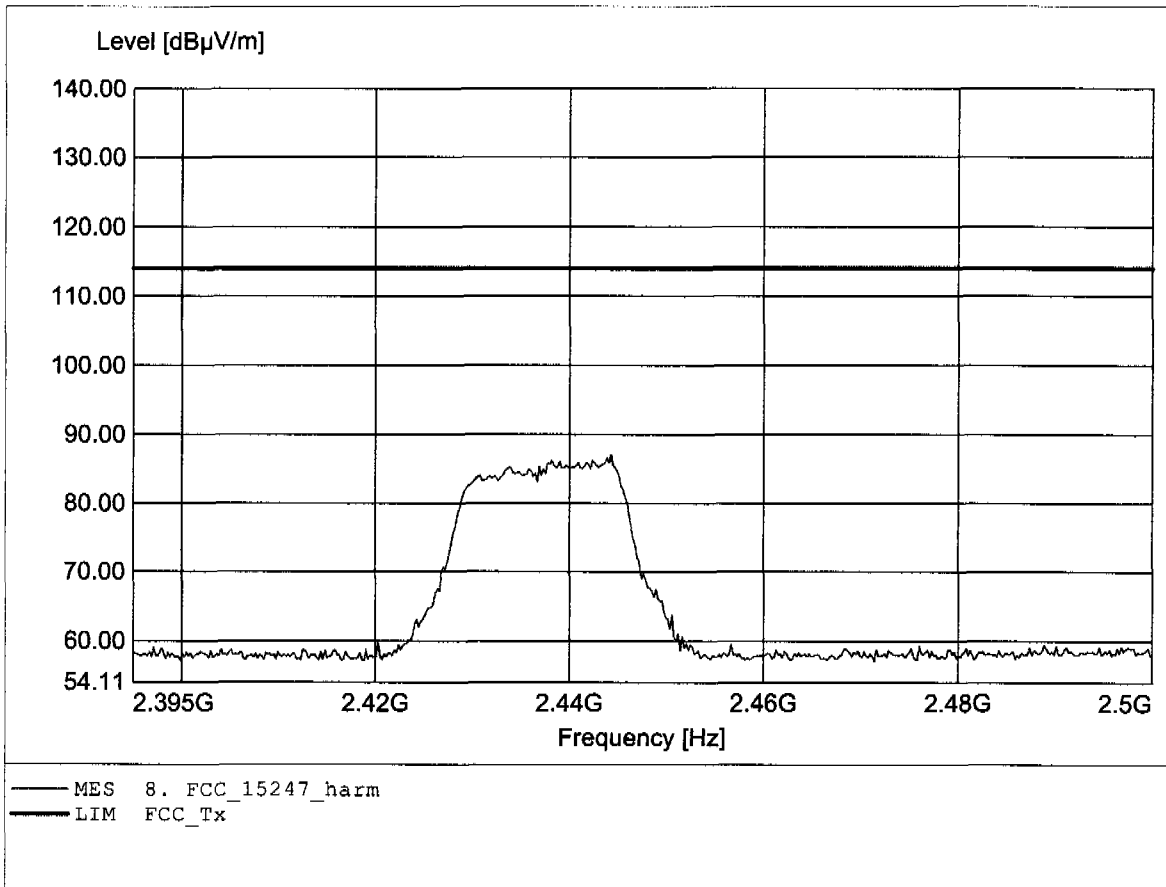
EUT: AP 11G CH1  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL025  
Freq: 2.414GHz, Emax: 96.95dBµV/m, RBW: 1MHz



**Carrier power (Field Strength)**

**FCC RULES PART 15, SUBPART C**

EUT: AP 11G CH6  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL025  
Freq: 2.444GHz, Emax: 87.13dBµV/m, RBW: 1MHz

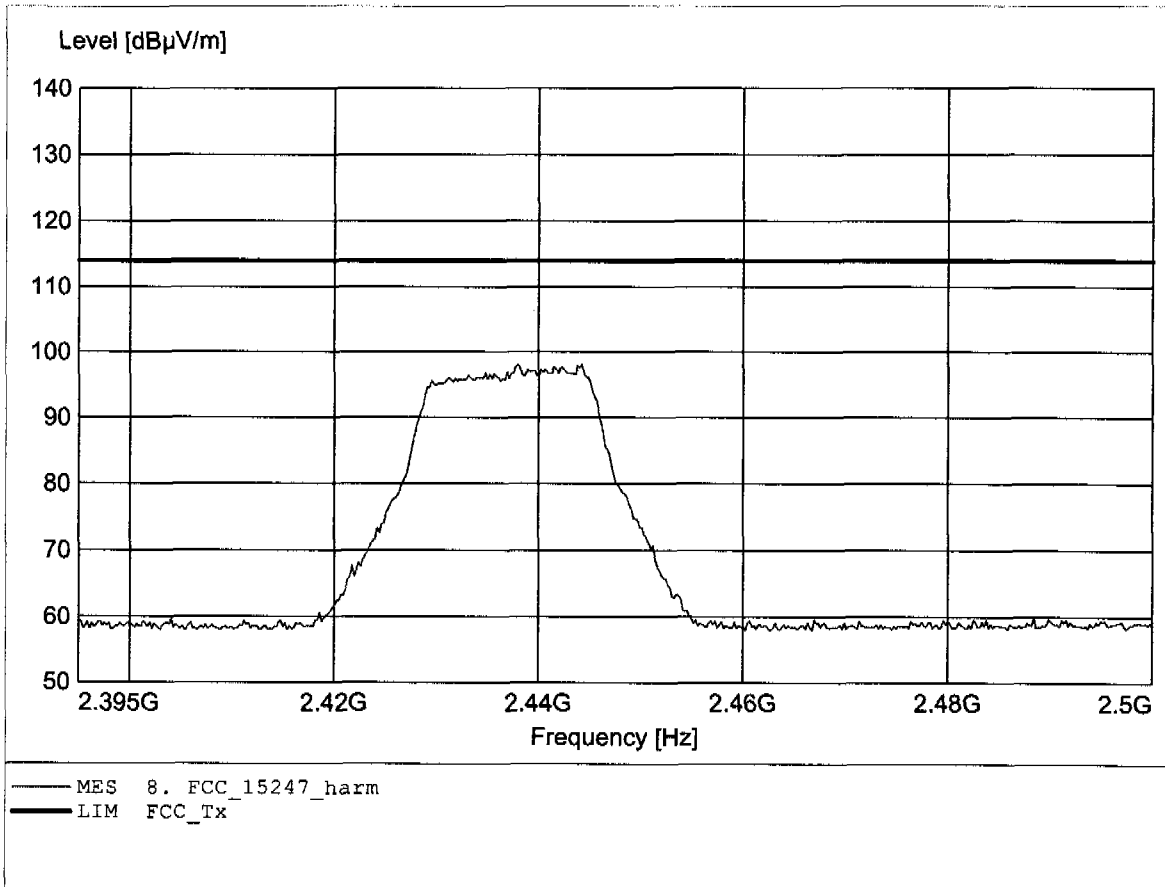




**Carrier power (Field Strength)**

**FCC RULES PART 15, SUBPART C**

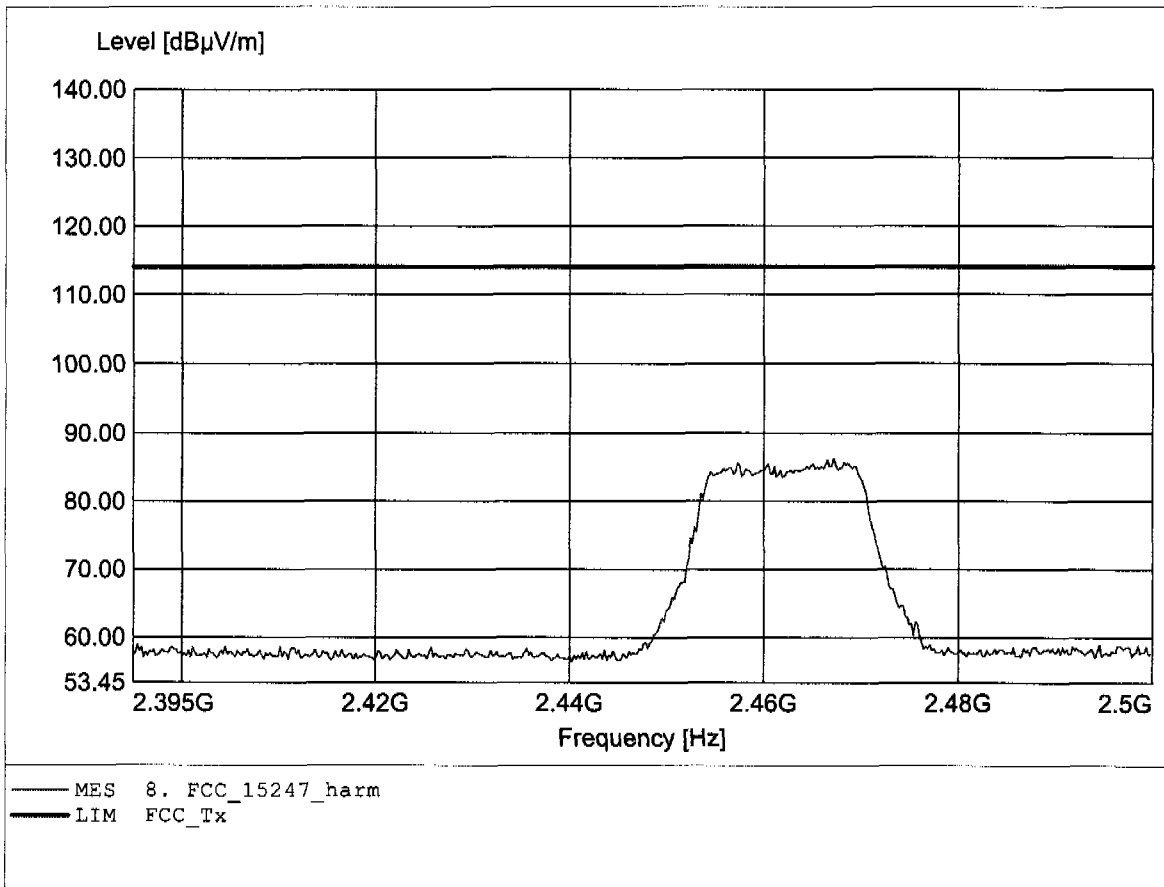
EUT: AP 11G CH6  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL025  
Freq: 2.444GHz, Emax: 98.06dBuV/m, RBW: 1MHz



**Carrier power (Field Strength)**

**FCC RULES PART 15, SUBPART C**

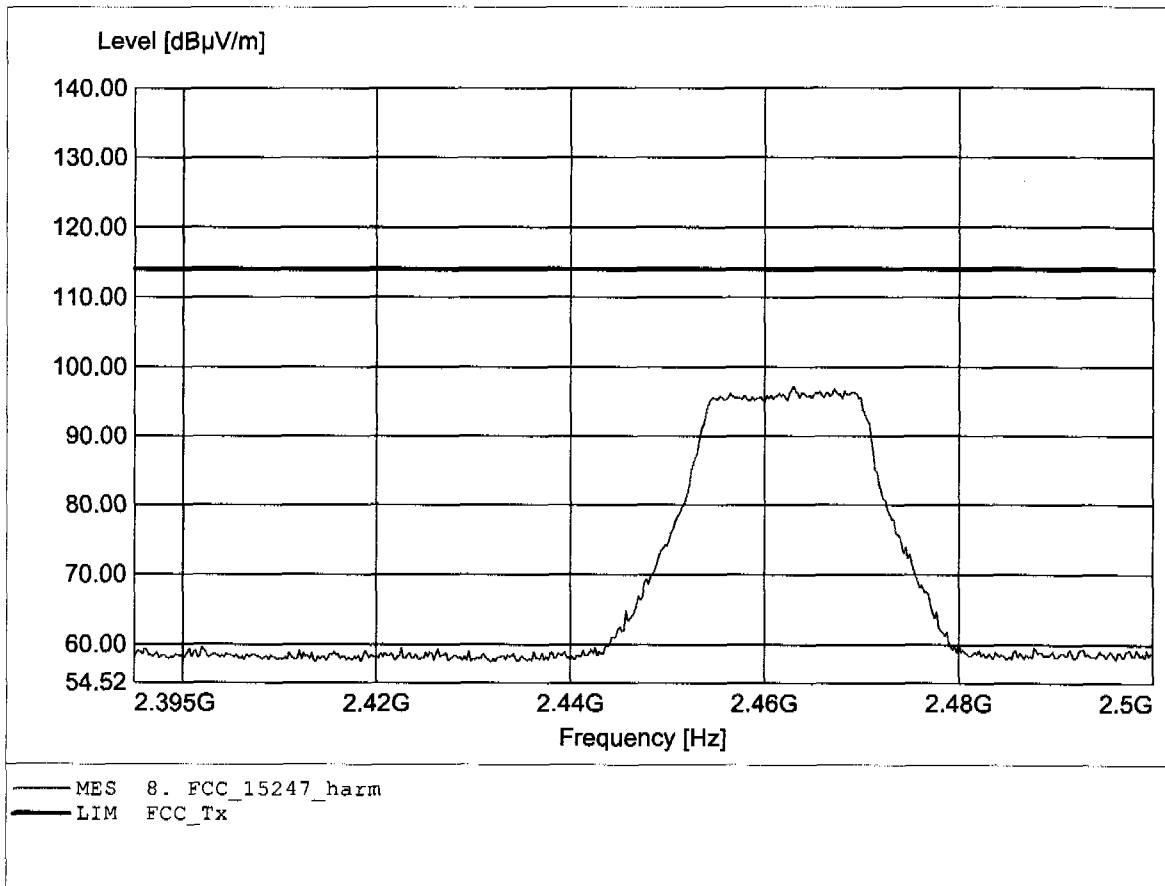
EUT: AP 11G CH11  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL025  
Freq: 2.467GHz, Emax: 86.33dBµV/m, RBW: 1MHz



**Carrier power (Field Strength)**

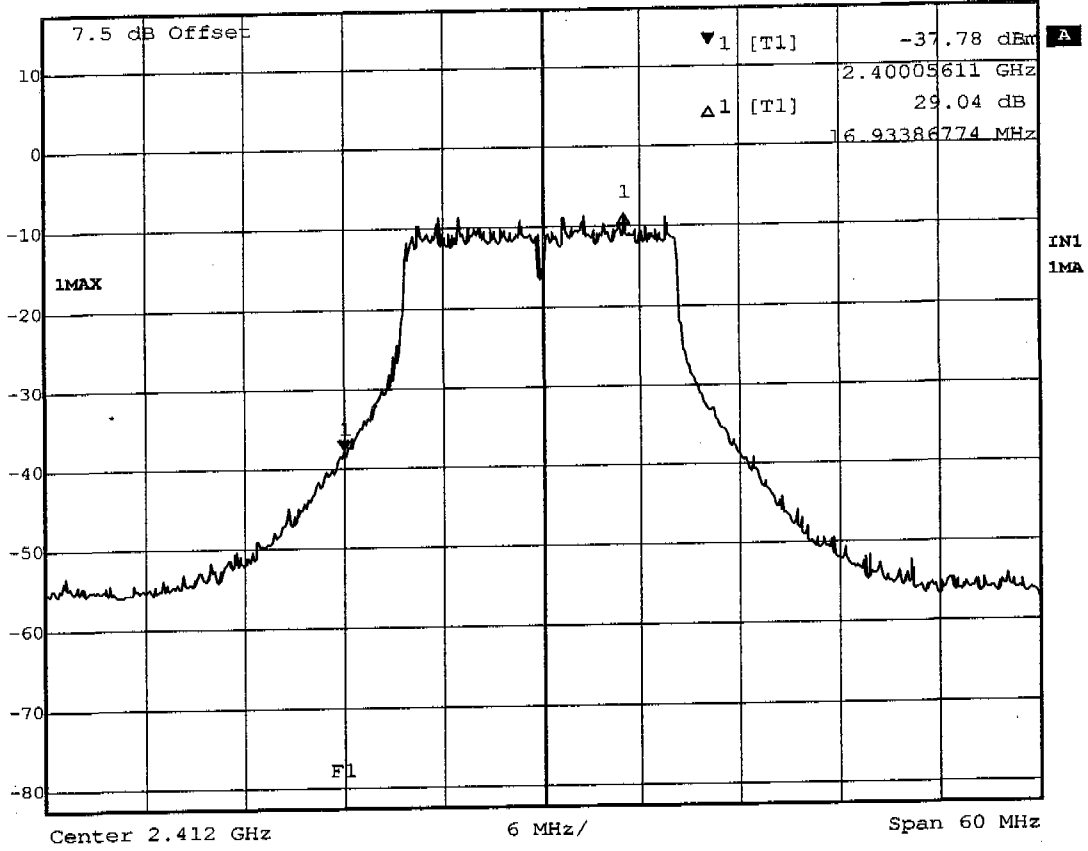
**FCC RULES PART 15, SUBPART C**

EUT: AP 11G CH11  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL025  
Freq: 2.463GHz, Emax: 97.28dBµV/m, RBW: 1MHz





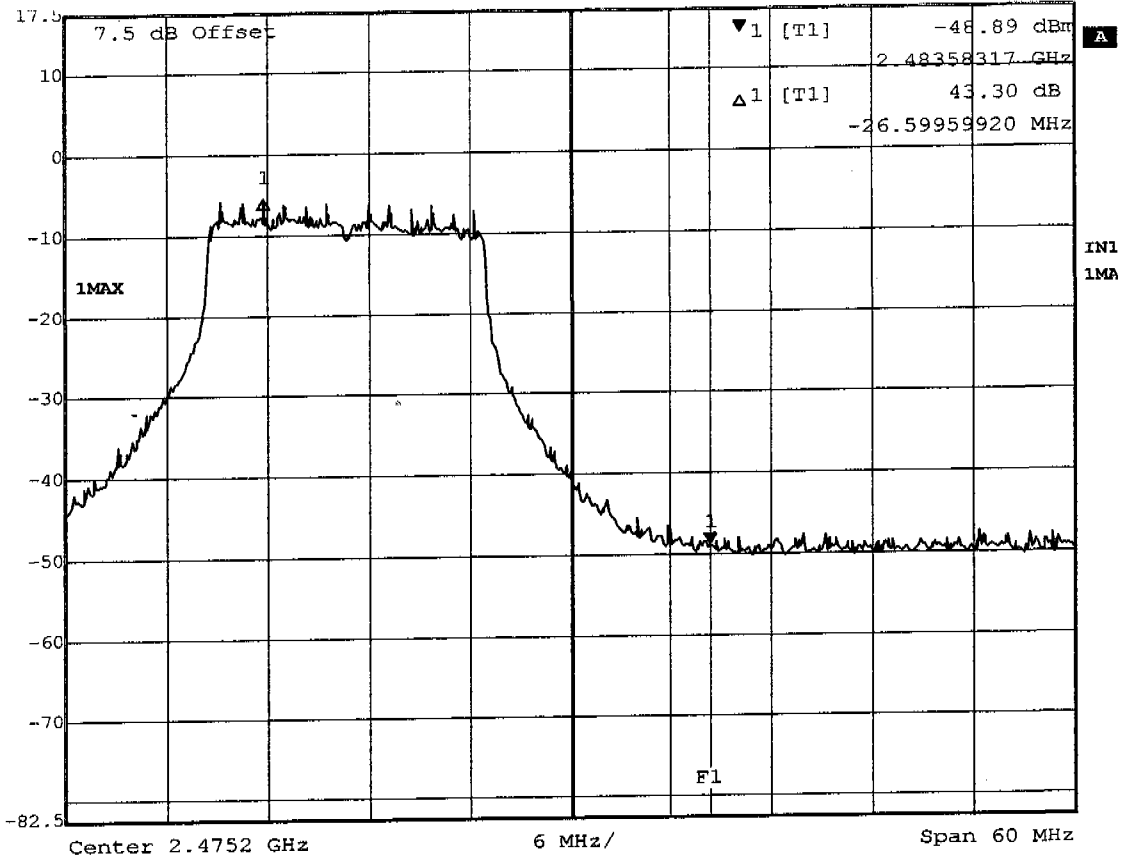
Marker 1 [T1] RBW 100 kHz RF Att 20 dB  
Ref Lvl -37.78 dBm VBW 100 kHz  
17.5 dBm 2.40005611 GHz SWT 20 ms Unit dBm



Title: 11G CH1 BANDEDGE  
Date: 2.MAR.2004 00:45:44



Marker 1 [T1] RBW 100 kHz RF Att 30 dB  
Ref Lvl -48.89 dBm VBW 100 kHz  
17.5 dBm 2.48358317 GHz SWT 20 ms Unit dBm

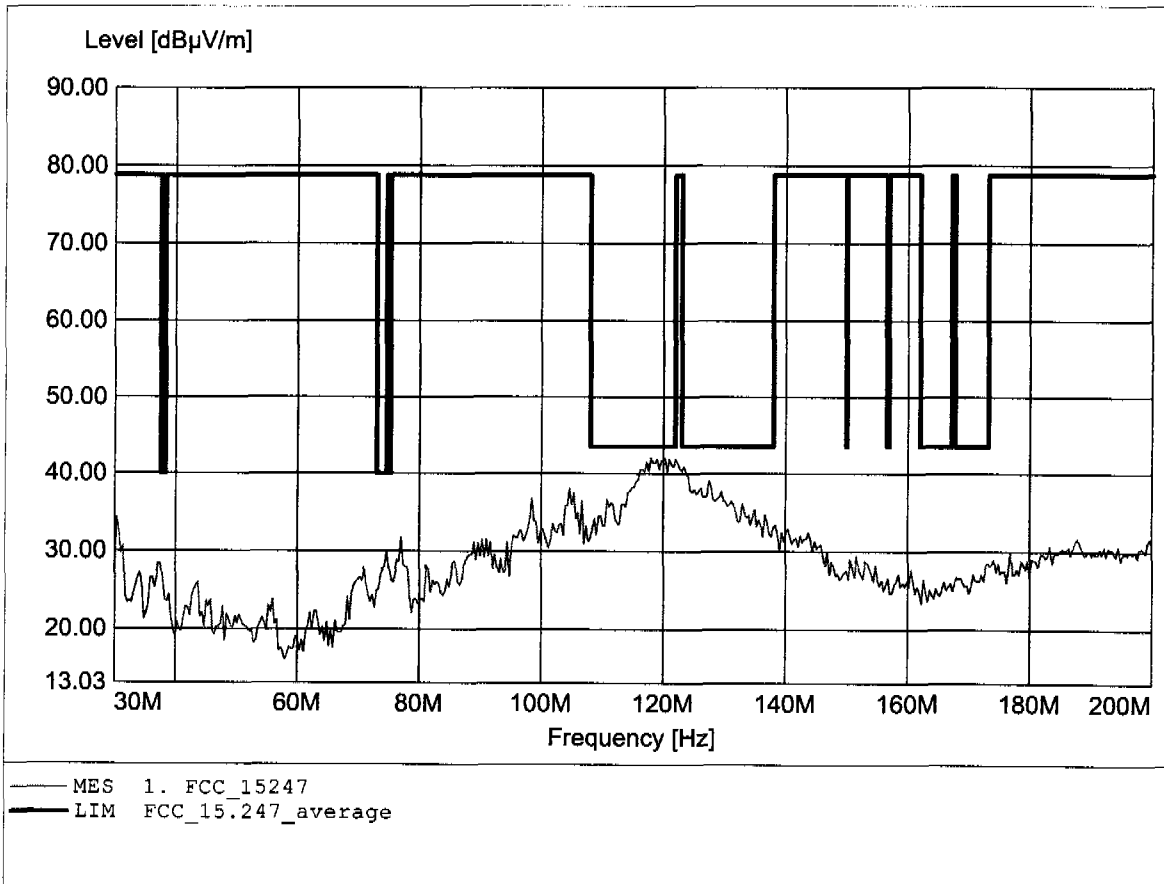


Title: 11G CH11 BANDEDGE  
Date: 1.APR.2004 03:37:33

# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

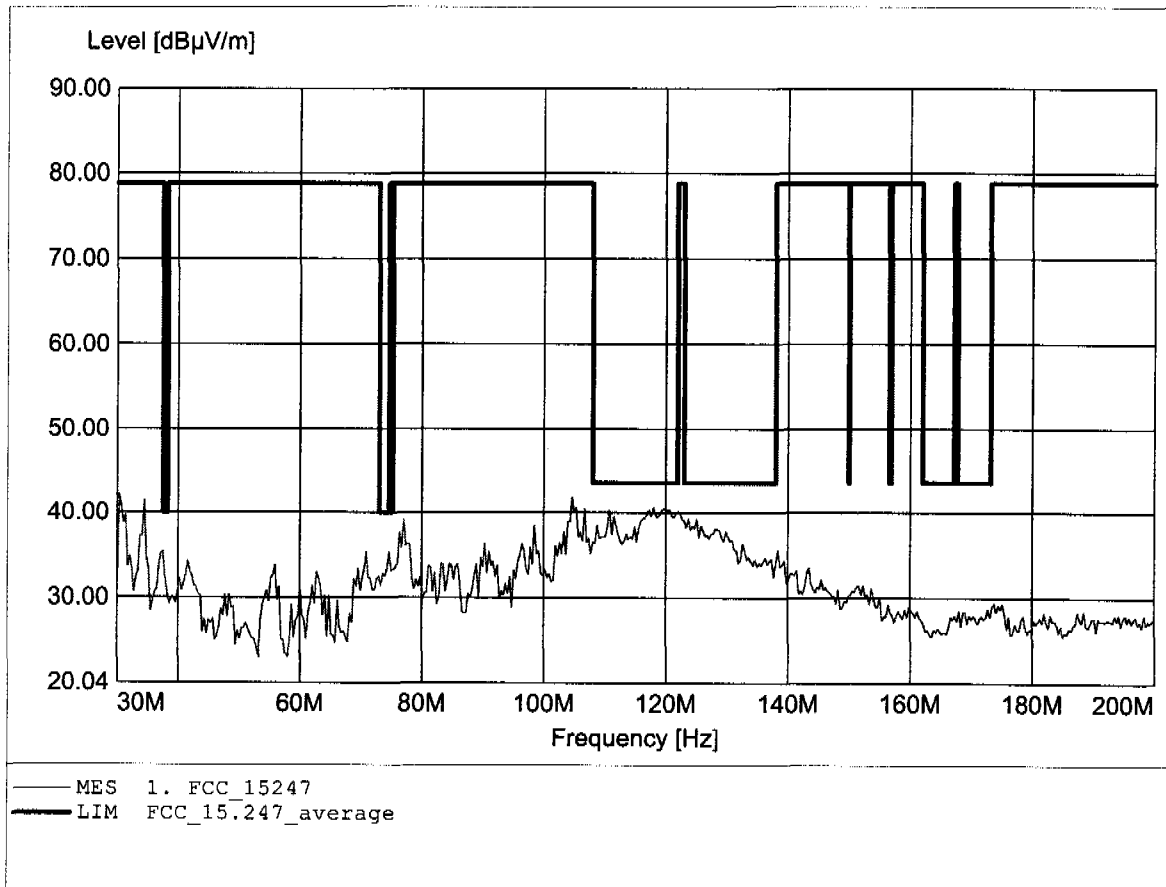
EUT: AP 11G CH1  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Freq: 120.962MHz, Emax: 42.29dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

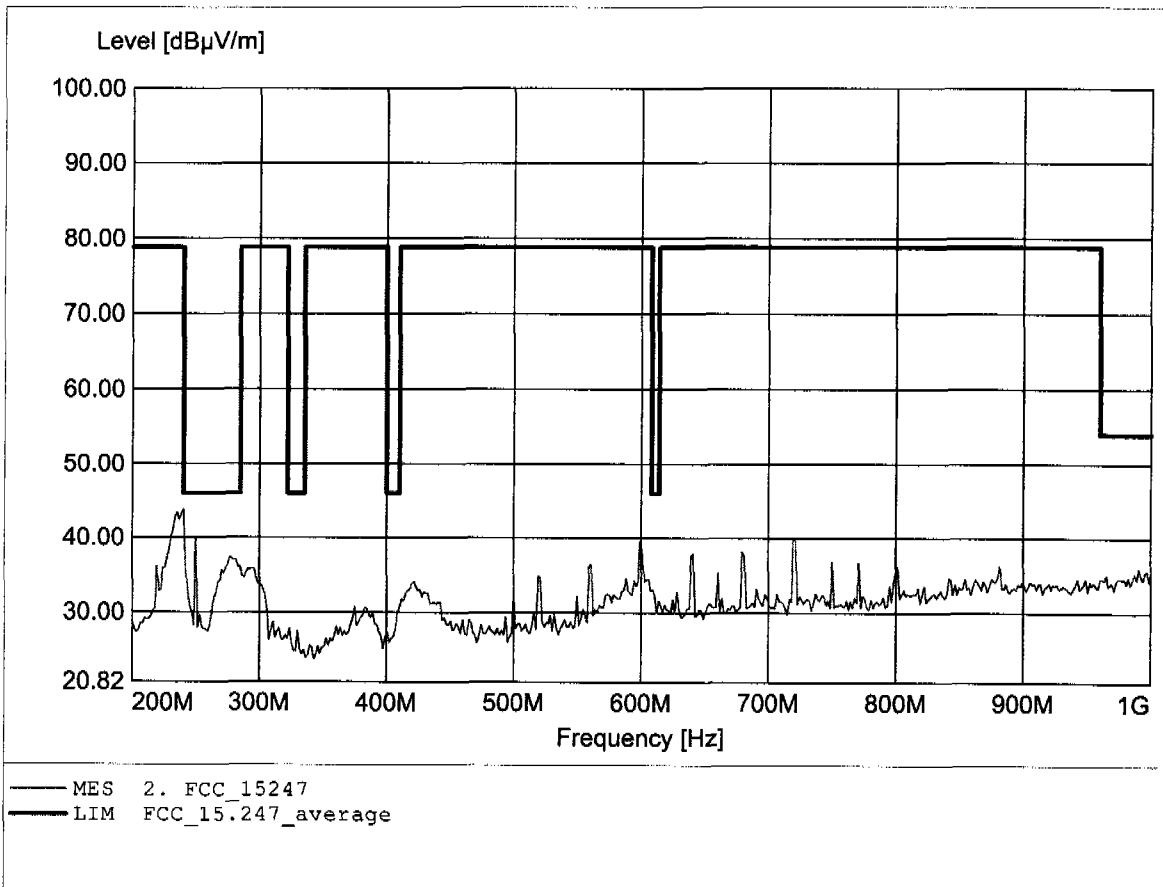
EUT: AP 11G CH1  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Freq: 30.341MHz, Emax: 42.16dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

EUT: AP 11G CH1  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223,  
Freq: 240.080MHz, Emax: 43.81dBµV/m, RBW: 100kHz

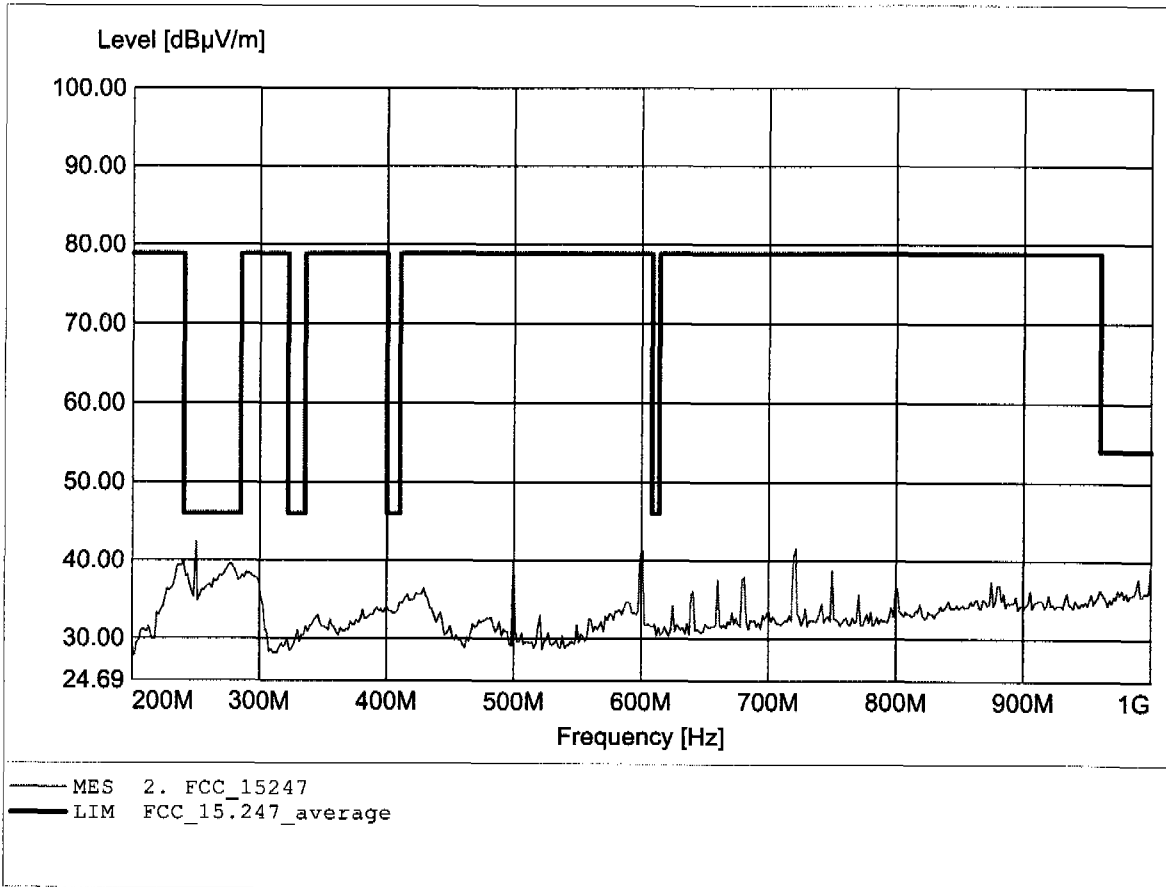




**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

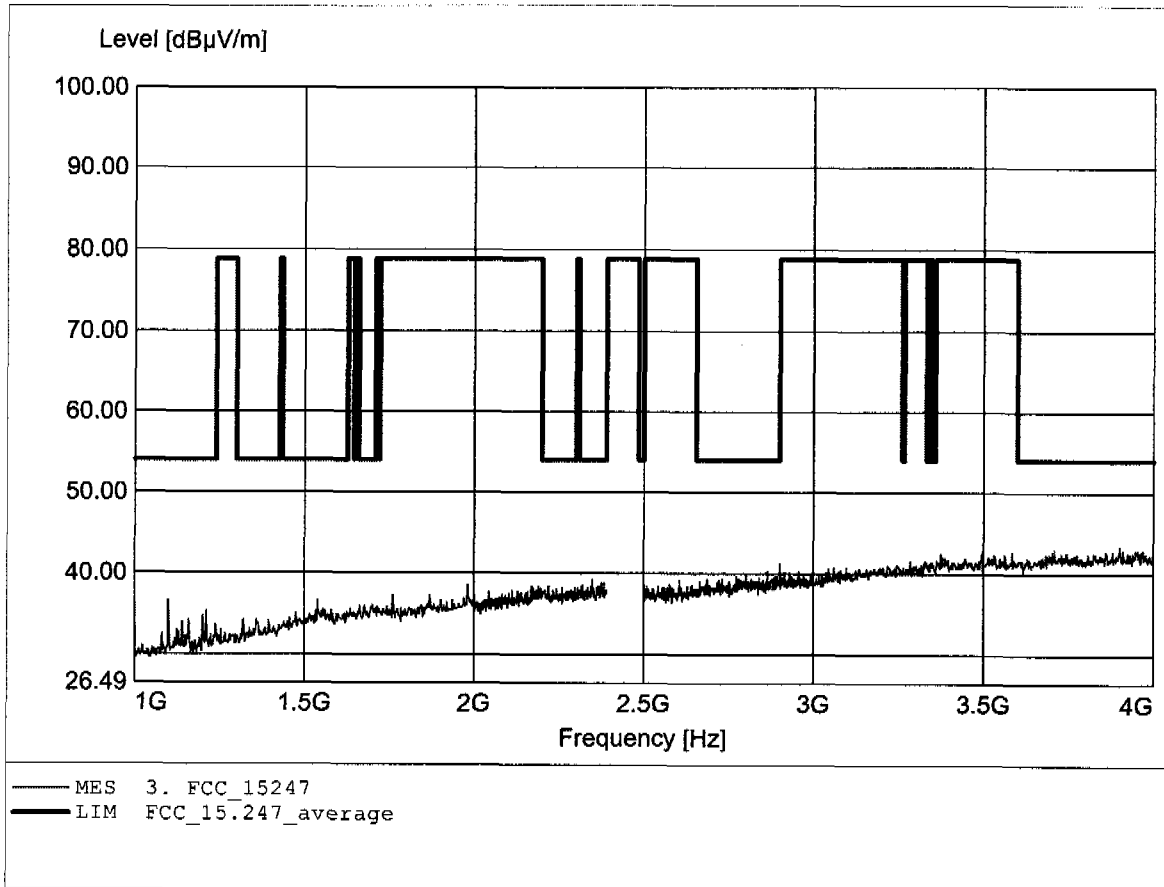
EUT: AP 11G CH1  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223,  
Freq: 249.699MHz, Emax: 42.44dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

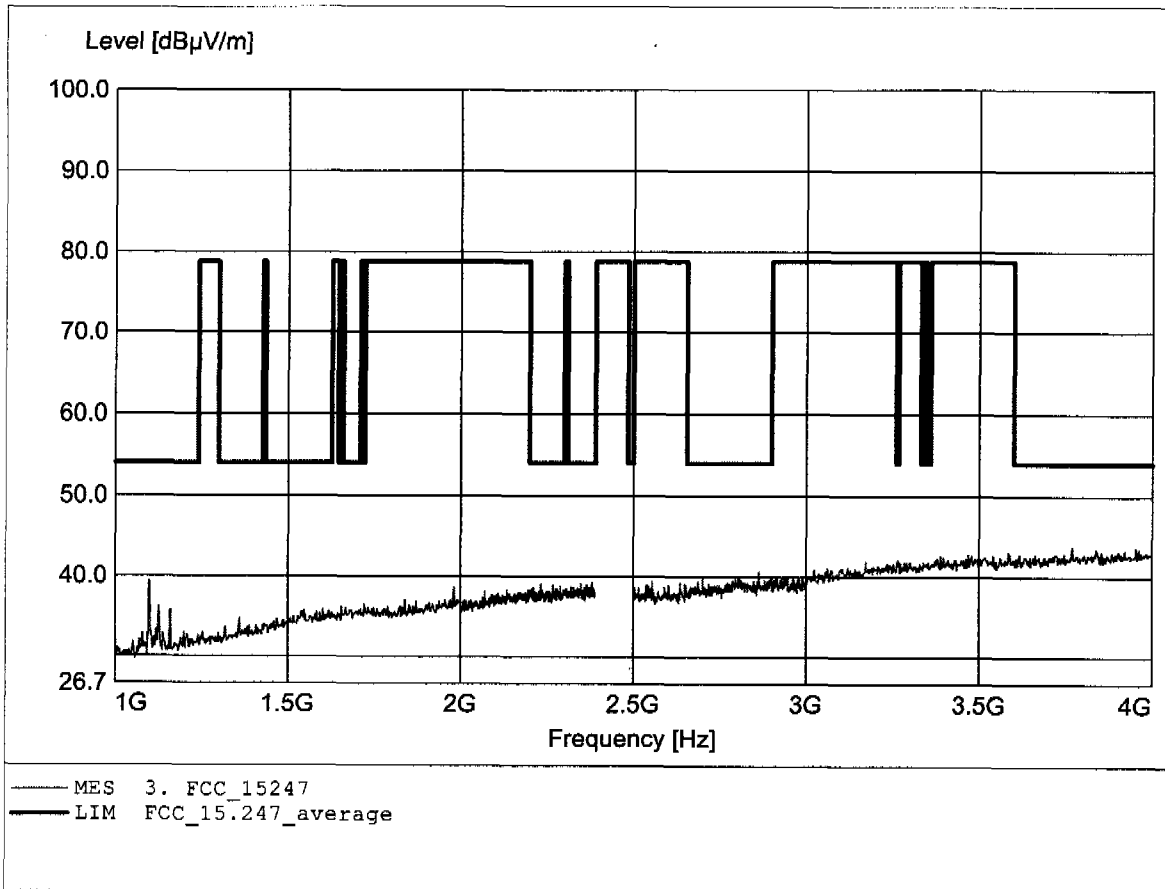
EUT: AP 11G CH1  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 3.902GHz, Emax: 43.45dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

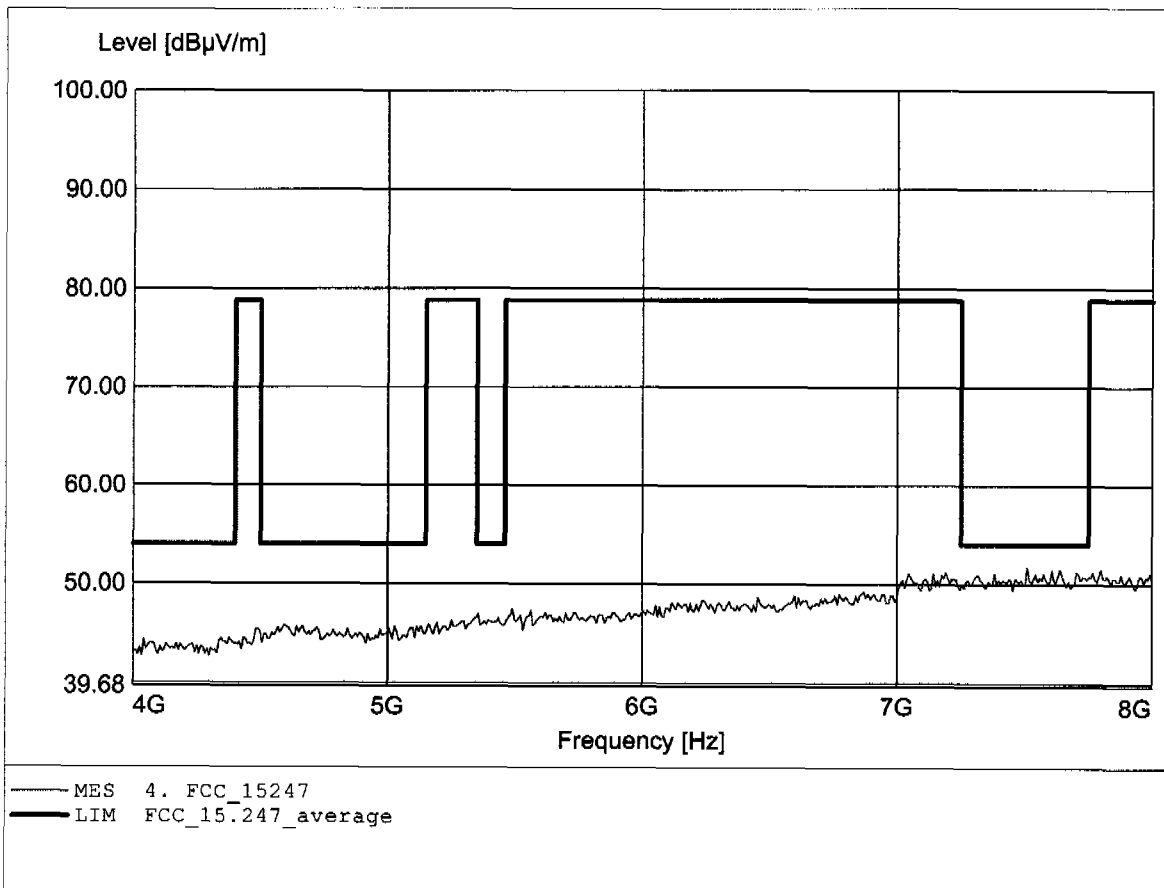
EUT: AP 11G CH1  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 3.770GHz, Emax: 43.78dB $\mu$ V/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

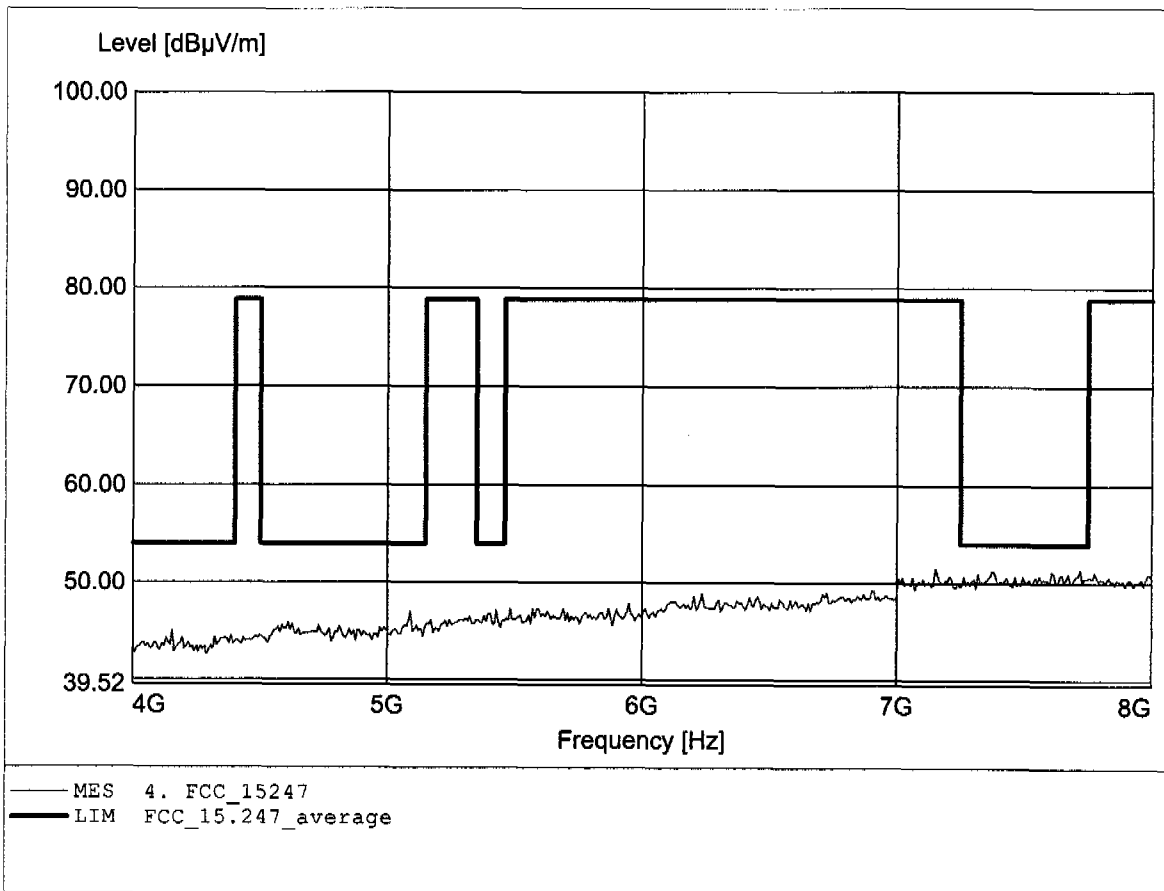
EUT: AP 11G CH1  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 7.511GHz, Emax: 51.77dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

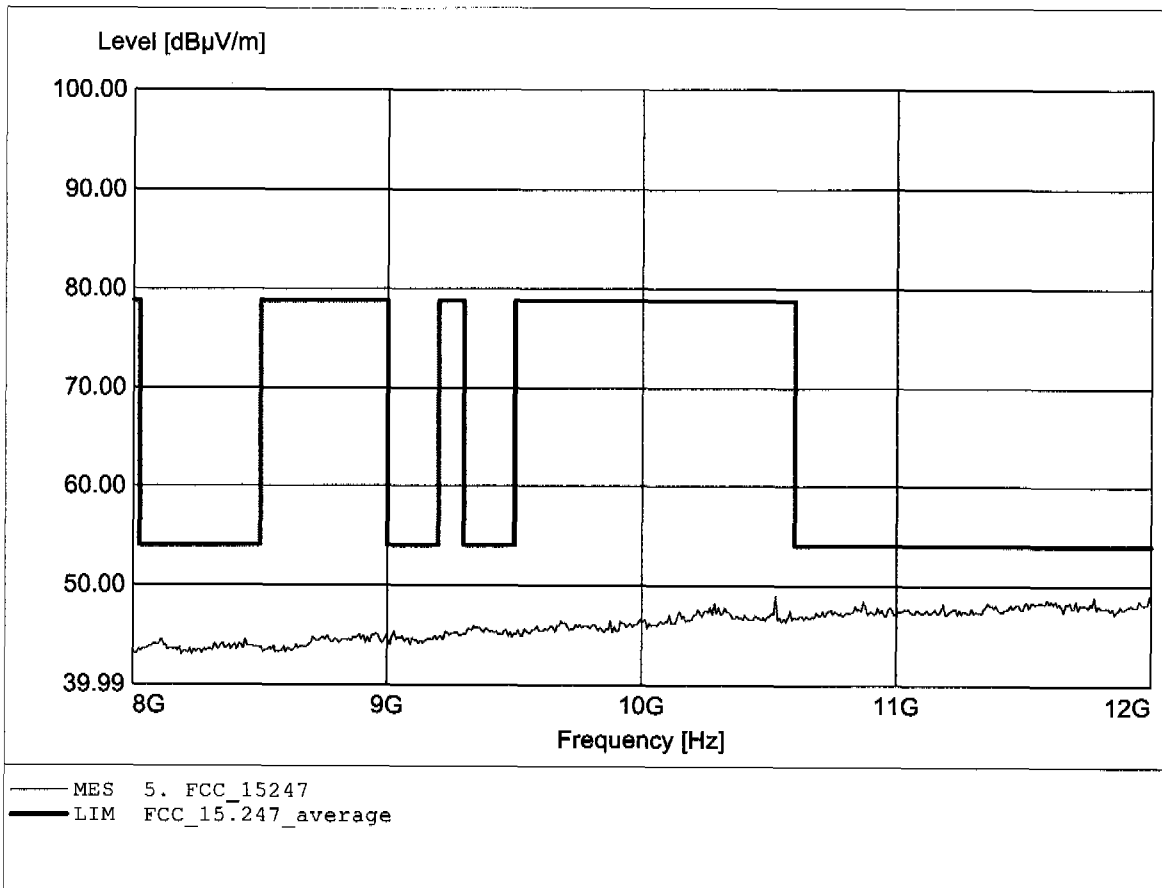
EUT: AP 11G CH1  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 7.150GHz, Emax: 51.60dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

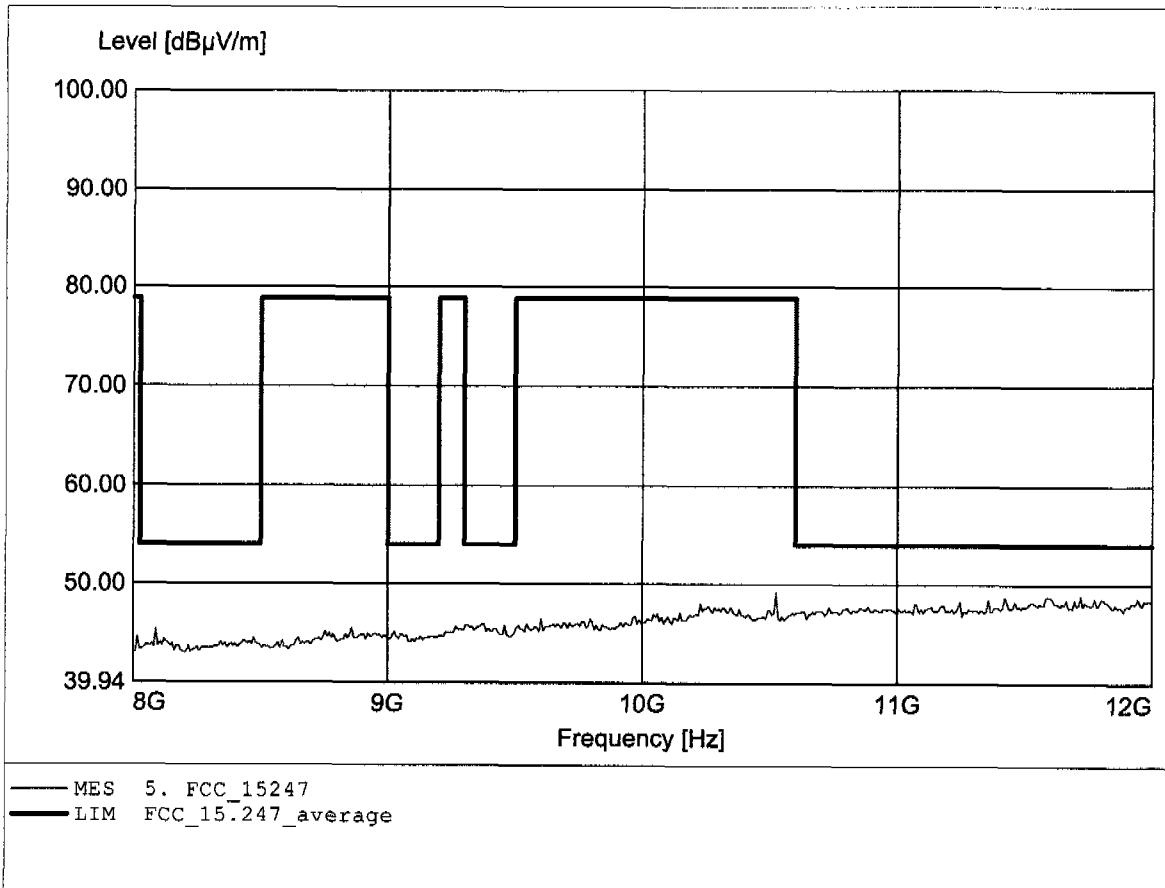
EUT: AP 11G CH1  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 10.525GHz, Emax: 49.10dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

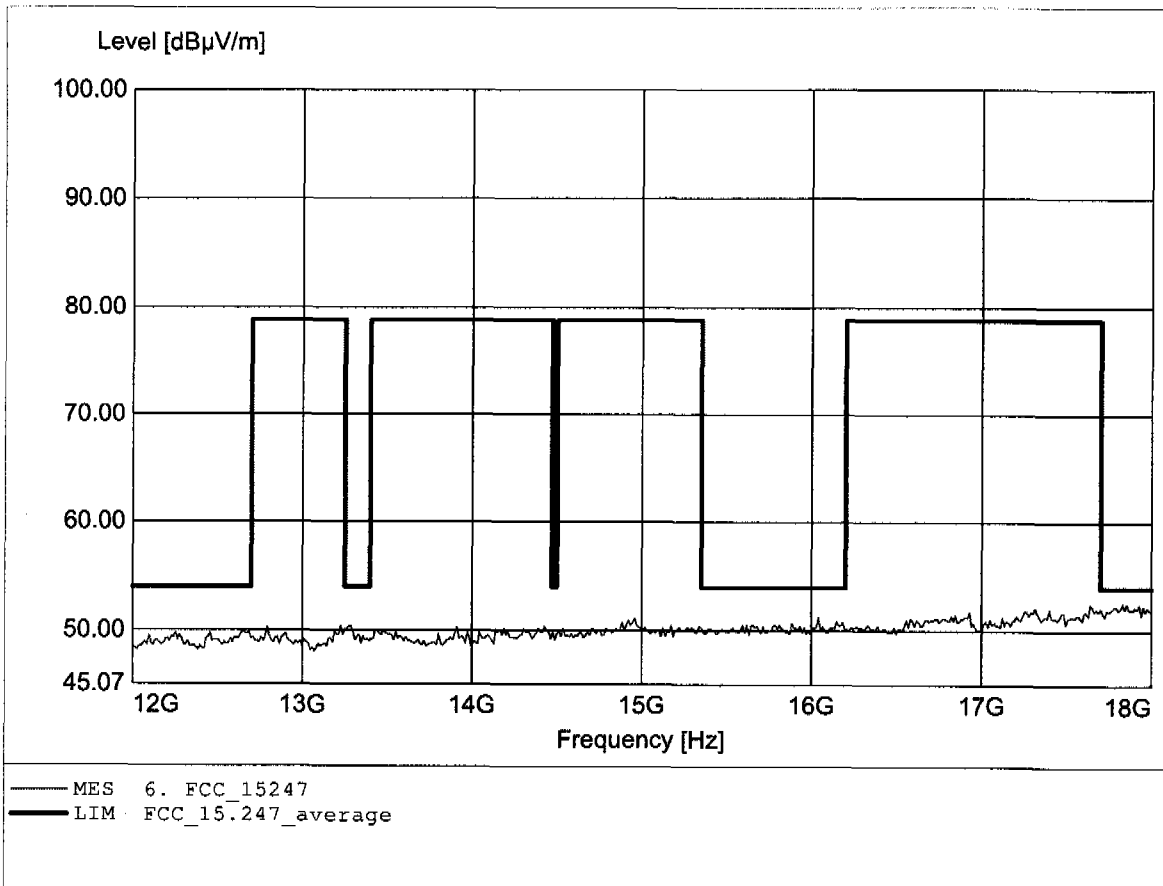
EUT: AP 11G CH1  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 10.525GHz, Emax: 49.18dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

EUT: AP 11G CH1  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 17.832GHz, Emax: 52.64dBµV/m, RBW: 1MHz

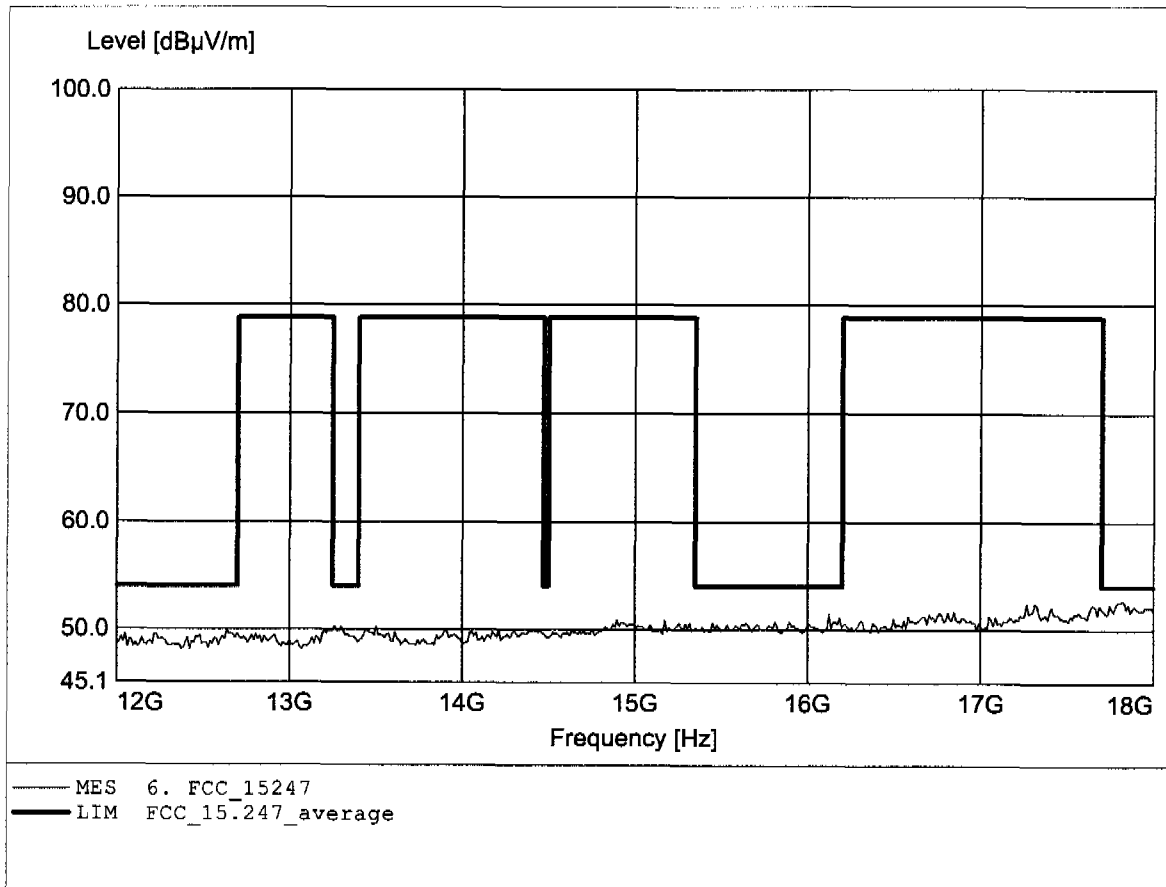




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

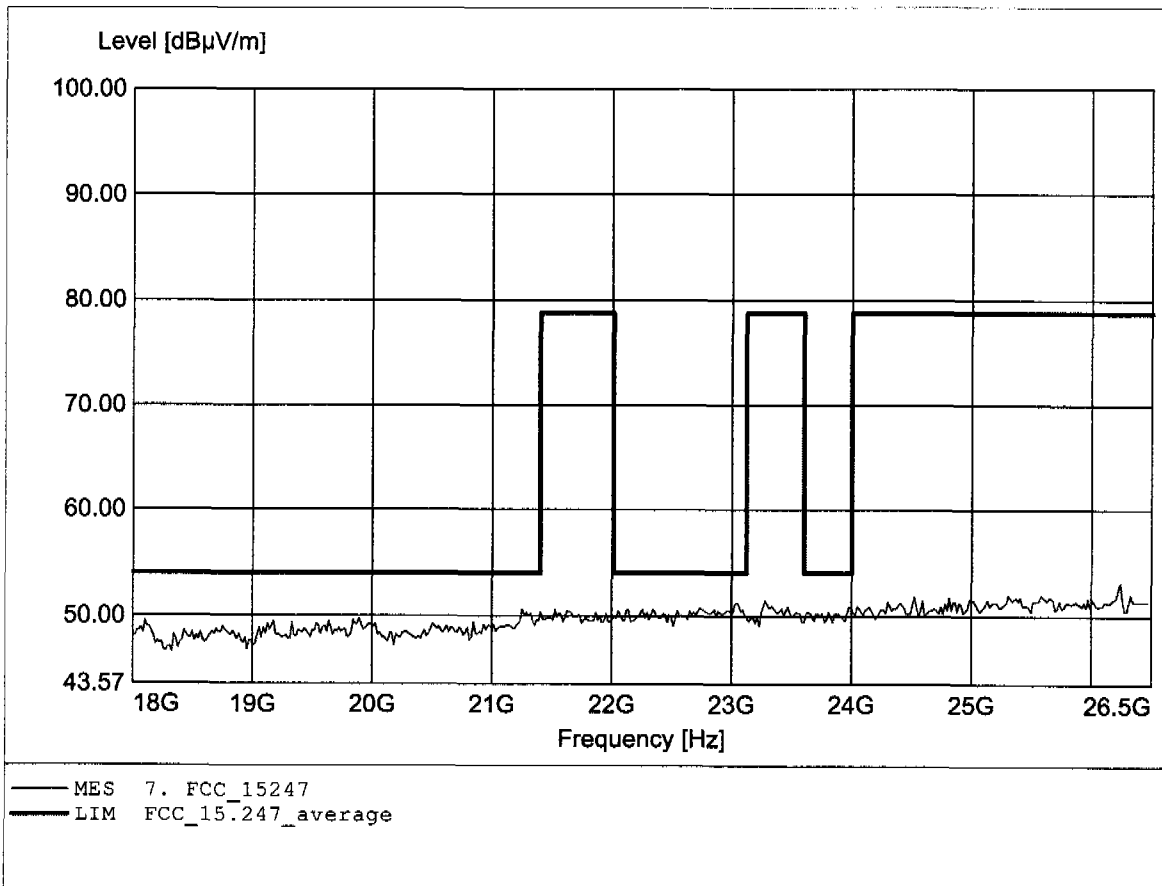
EUT: AP 11G CH1  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 17.820GHz, Emax: 52.77dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

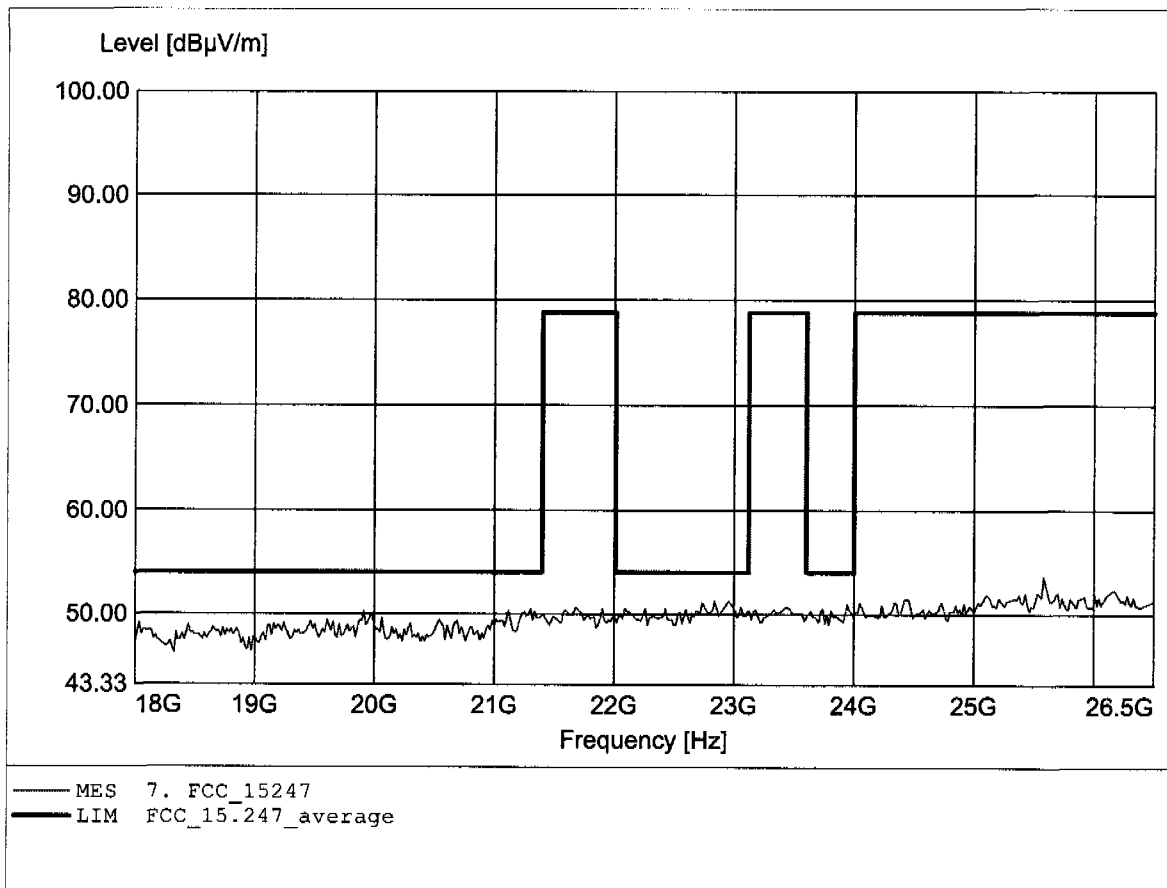
EUT: AP 11G CH1  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 26.244GHz, Emax: 53.20dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

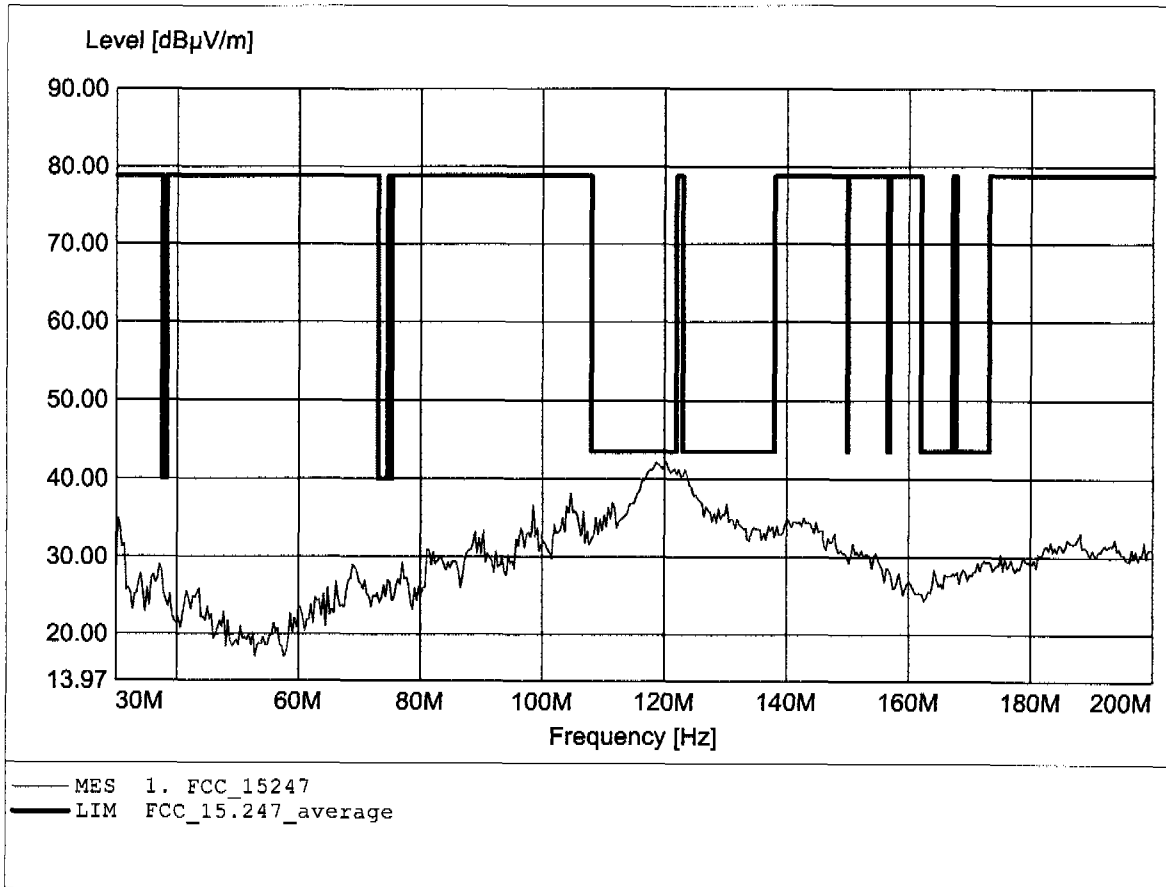
EUT: AP 11G CH1  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 25.580GHz, Emax: 53.70dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

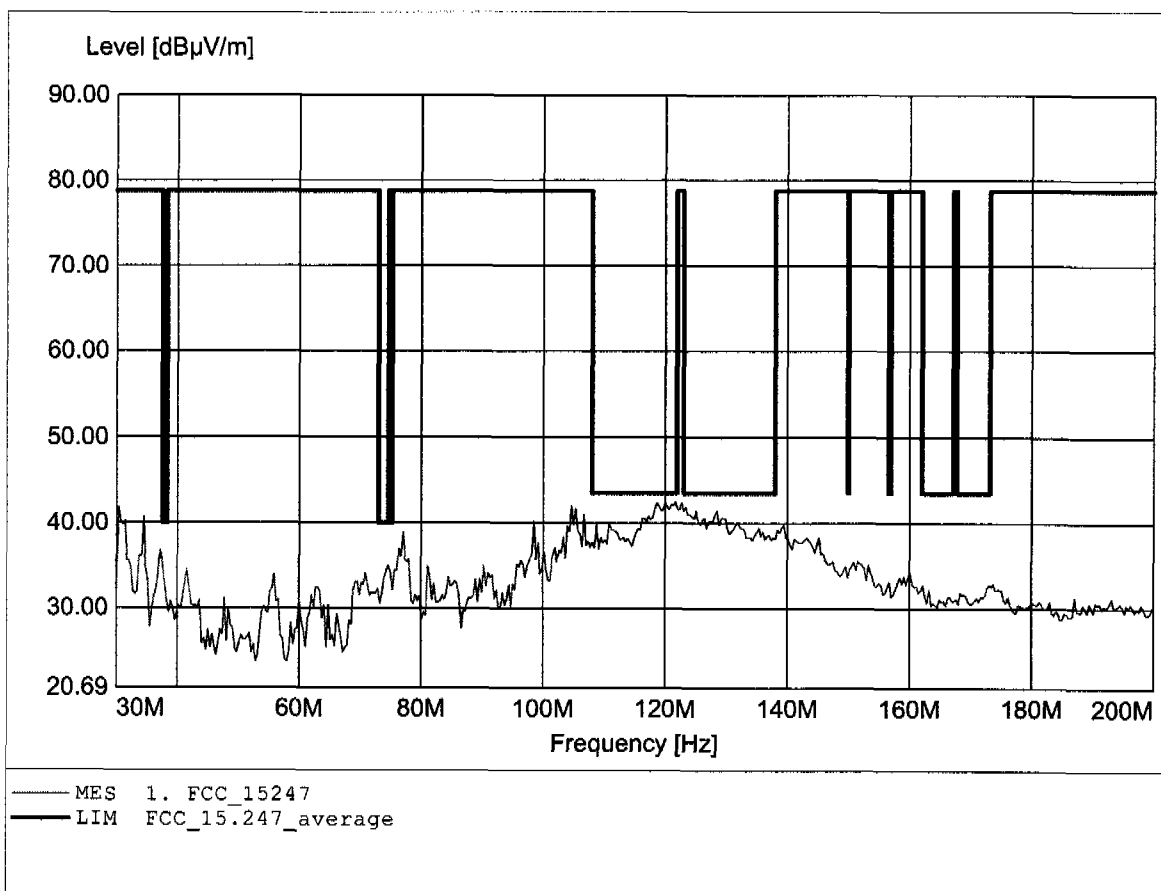
EUT: AP 11G CH6  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Freq: 120.281MHz, Emax: 42.22dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

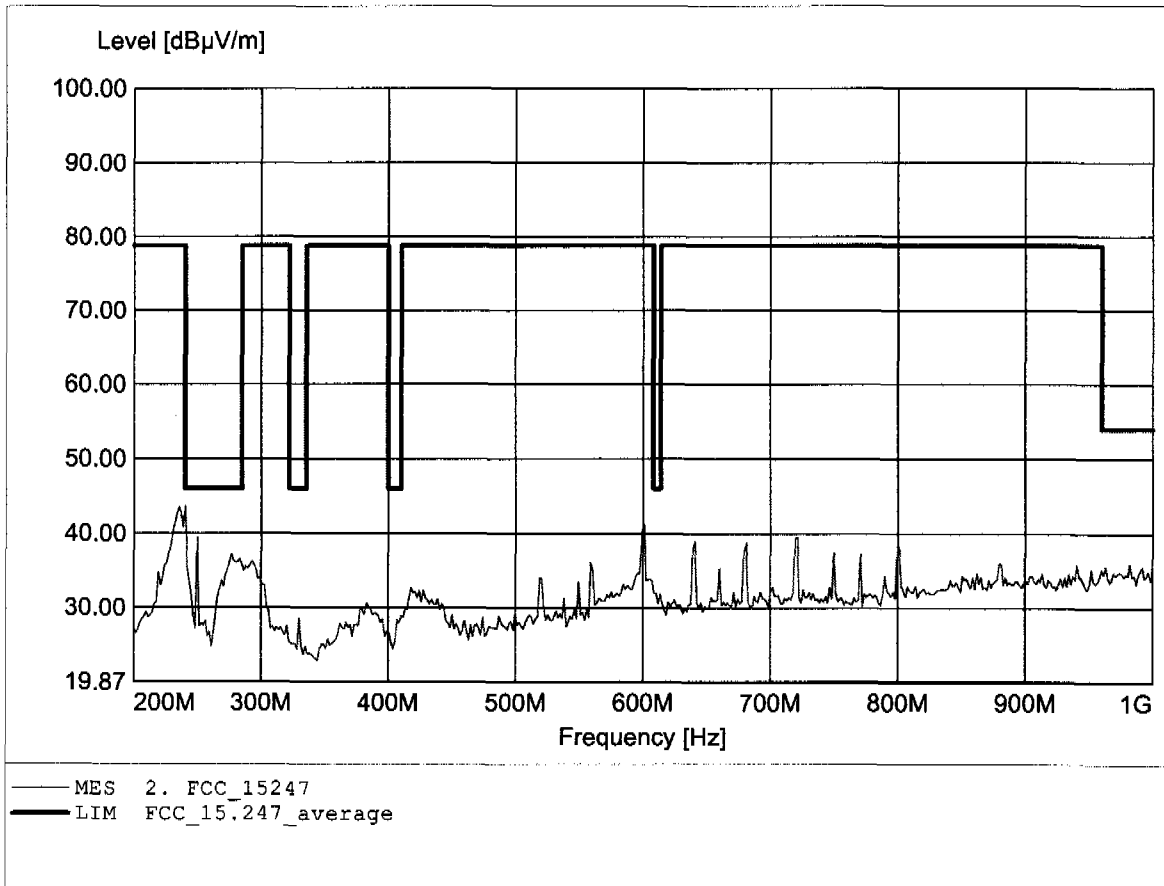
EUT: AP 11G CH6  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Freq: 119.599MHz, Emax: 42.28dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

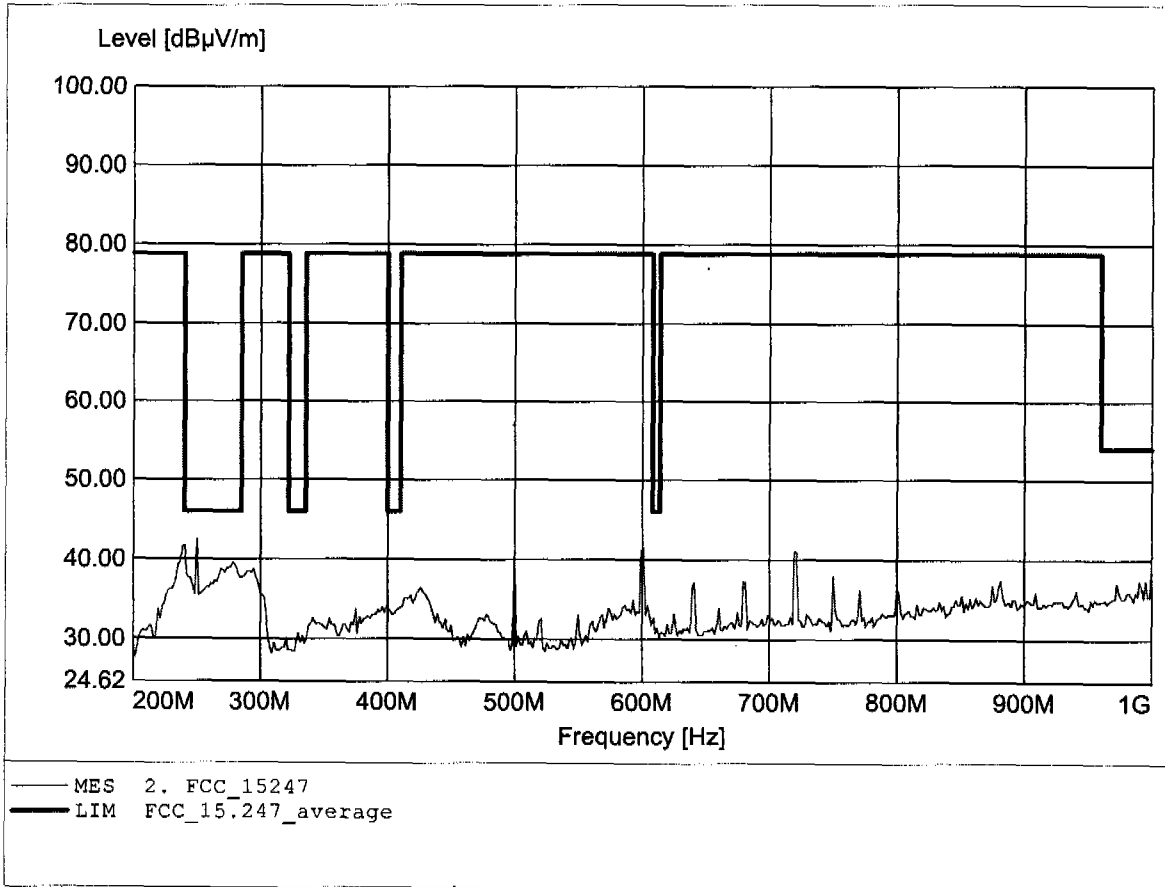
EUT: AP 11G CH6  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223,  
Freq: 240.080MHz, Emax: 43.68dBµV/m, RBW: 100kHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

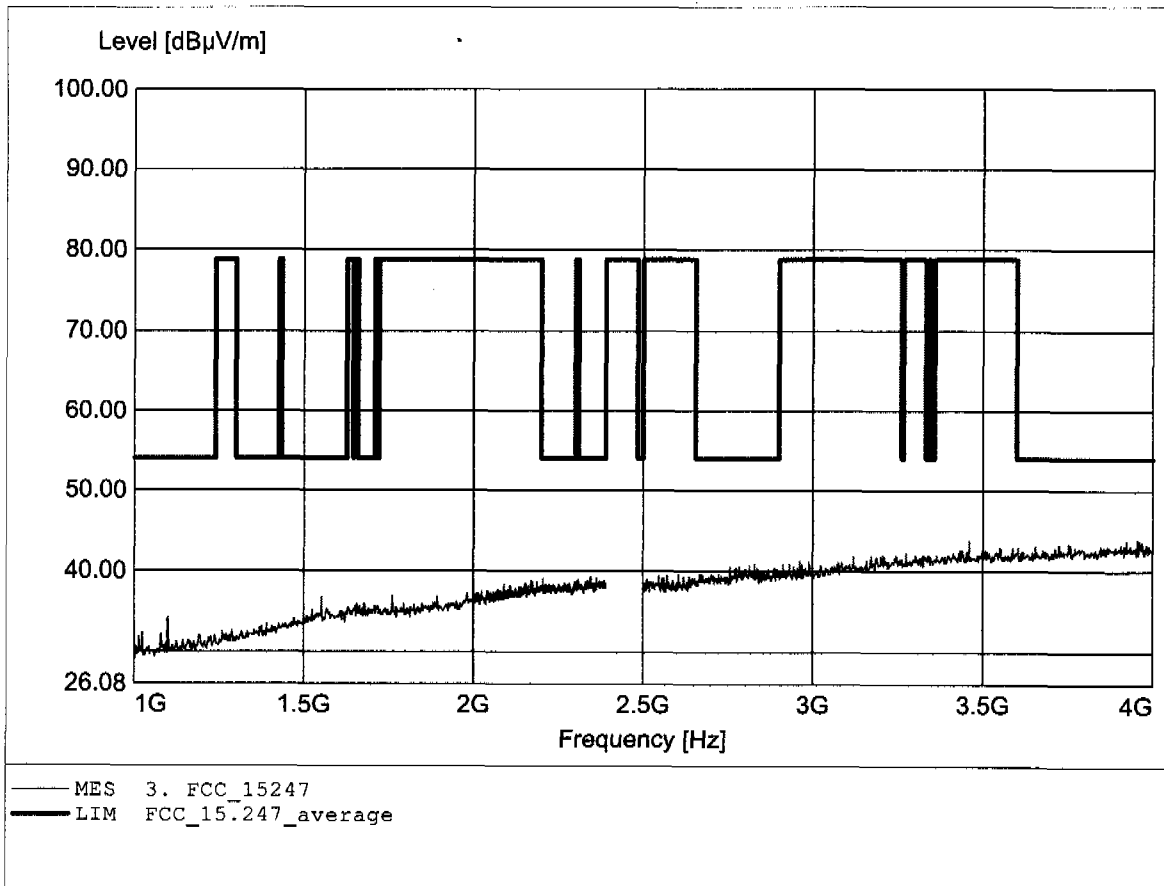
EUT: AP 11G CH6  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223,  
Freq: 249.699MHz, Emax: 42.49dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

EUT: AP 11G CH6  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 3.954GHz, Emax: 43.95dB $\mu$ V/m, RBW: 1MHz

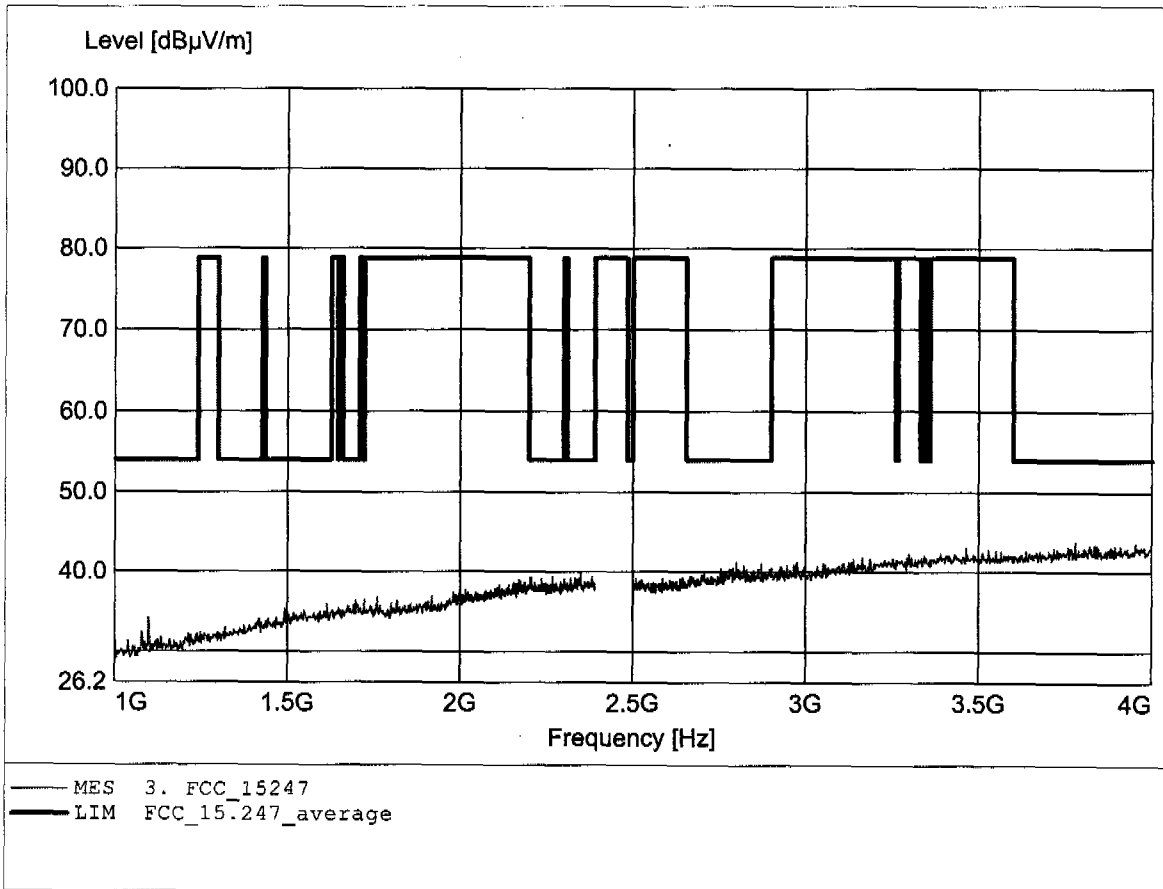




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

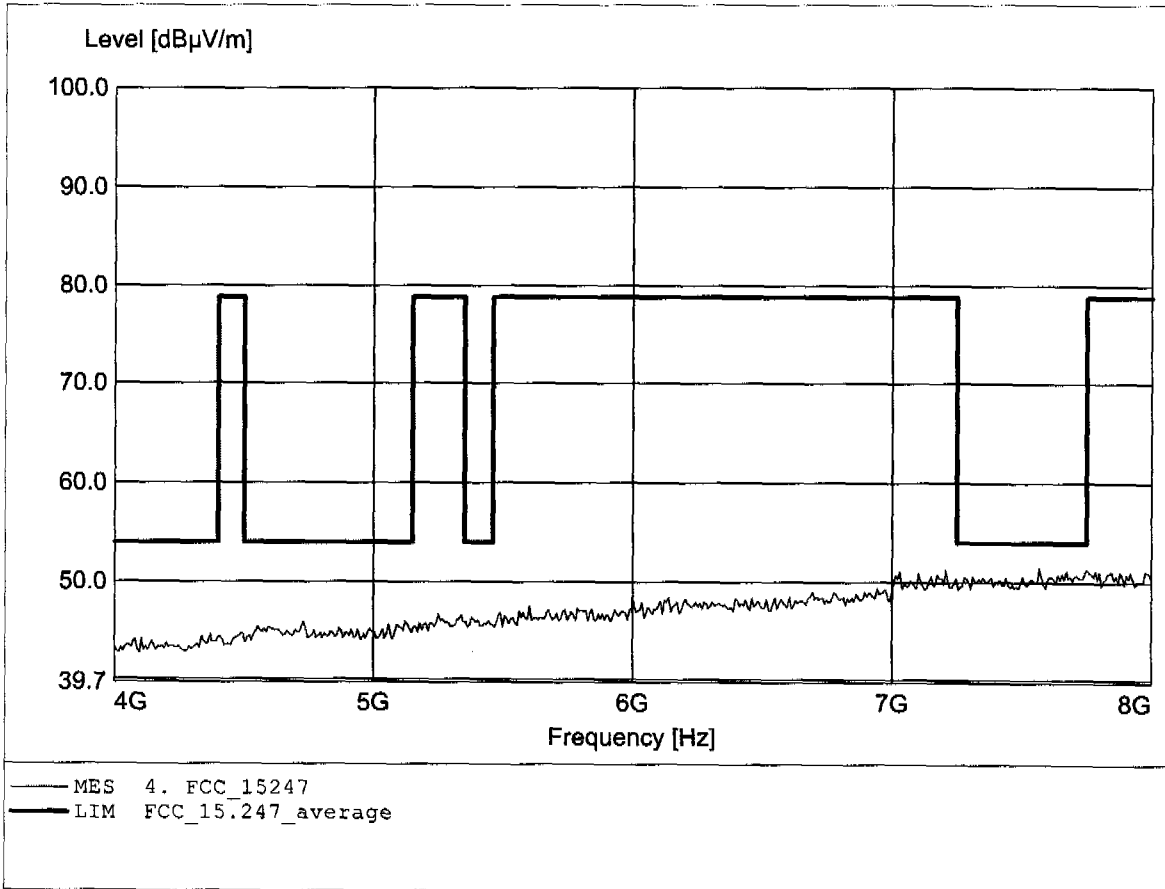
EUT: AP 11G CH6  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C / Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 3.780GHz, Emax: 43.87dBμV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

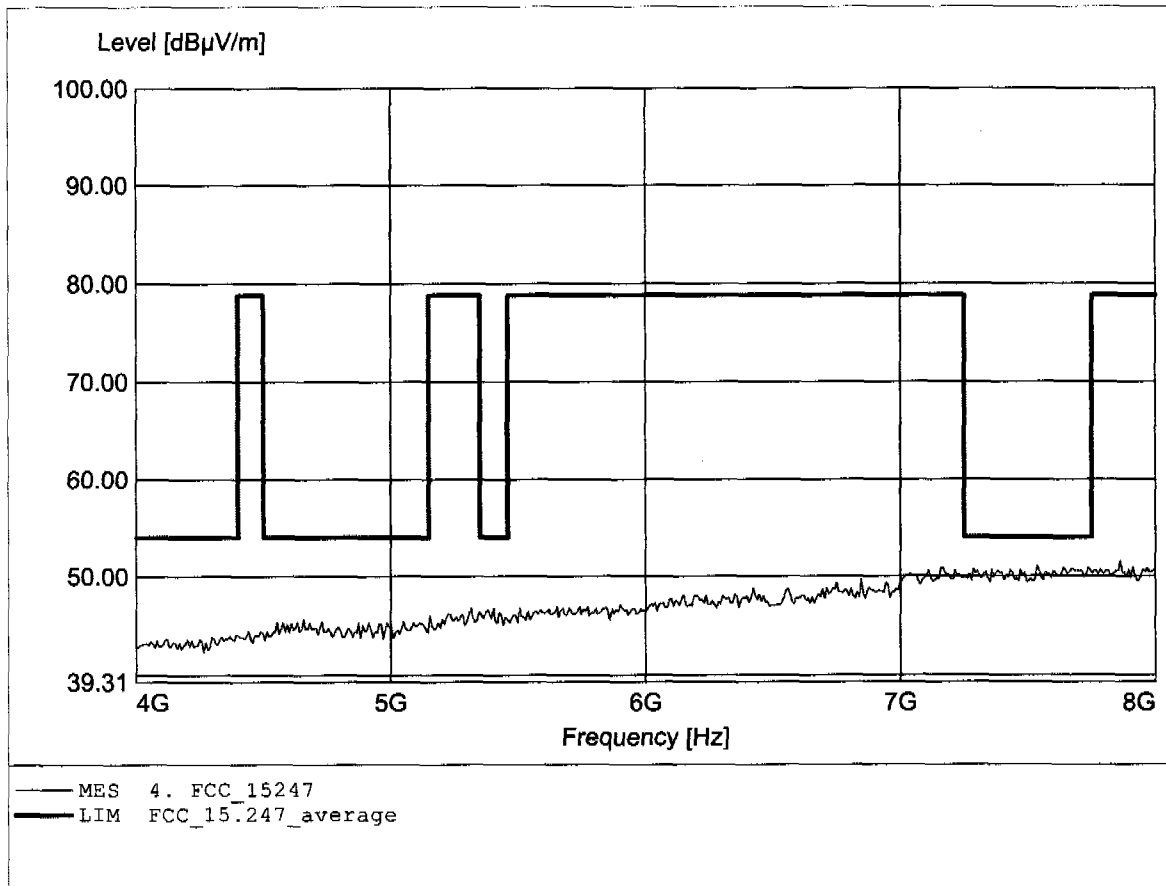
EUT: AP 11G CH6  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 7.567GHz, Emax: 51.48dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

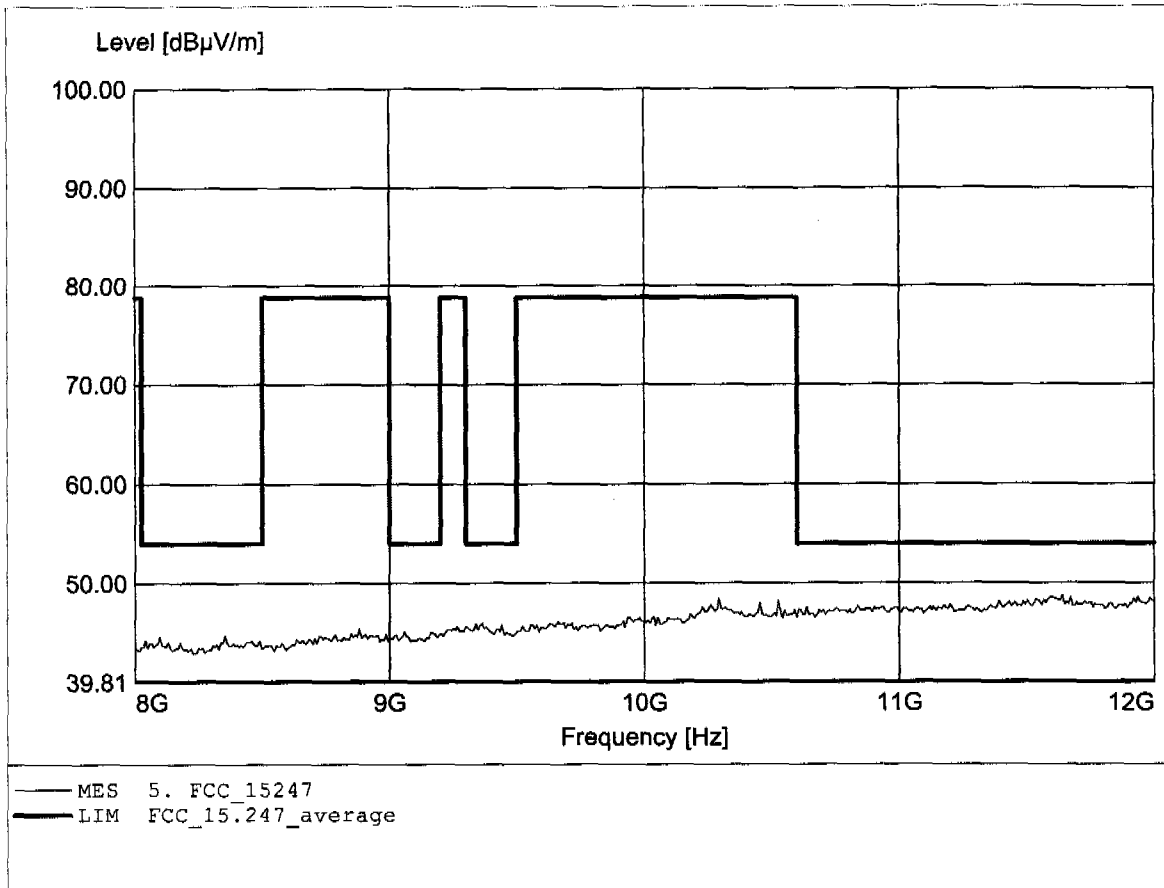
EUT: AP 11G CH6  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 7.864GHz, Emax: 51.54dBμV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

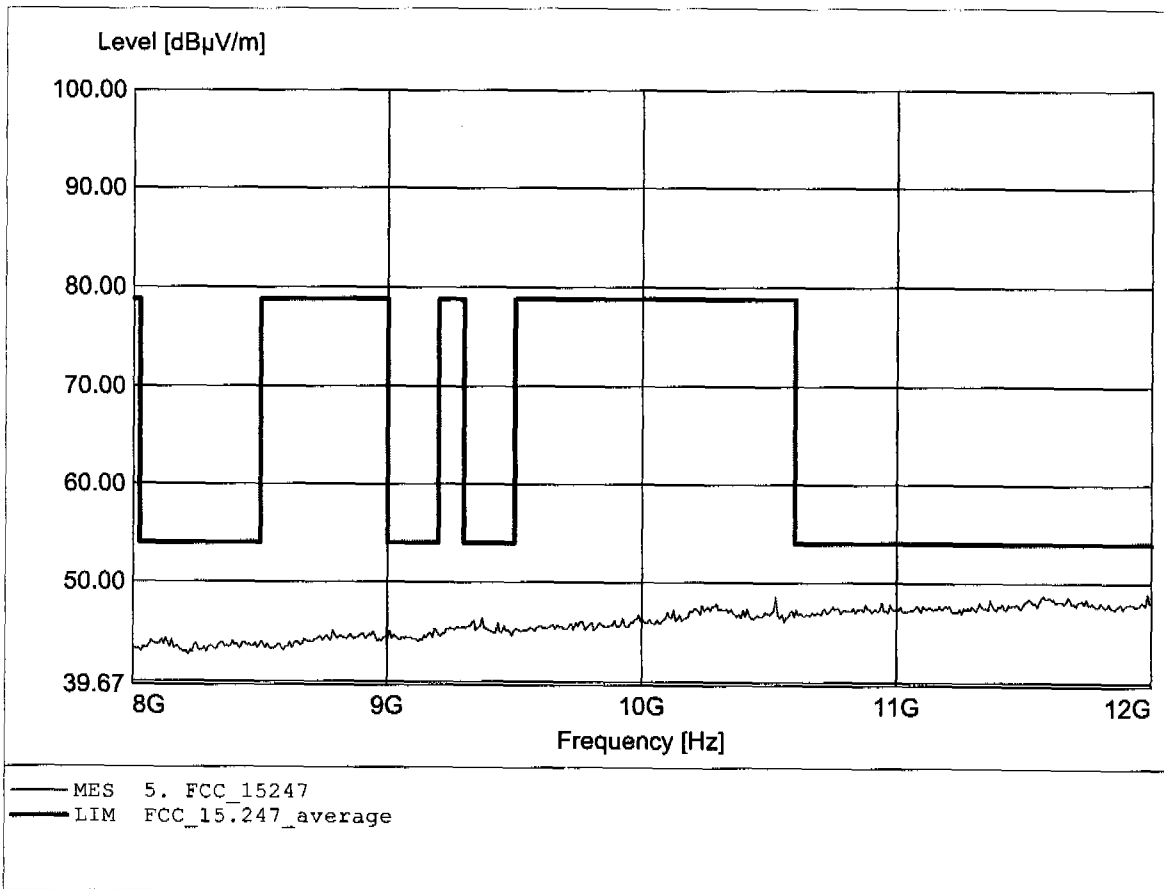
EUT: AP 11G CH6  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 11.639GHz, Emax: 48.74dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

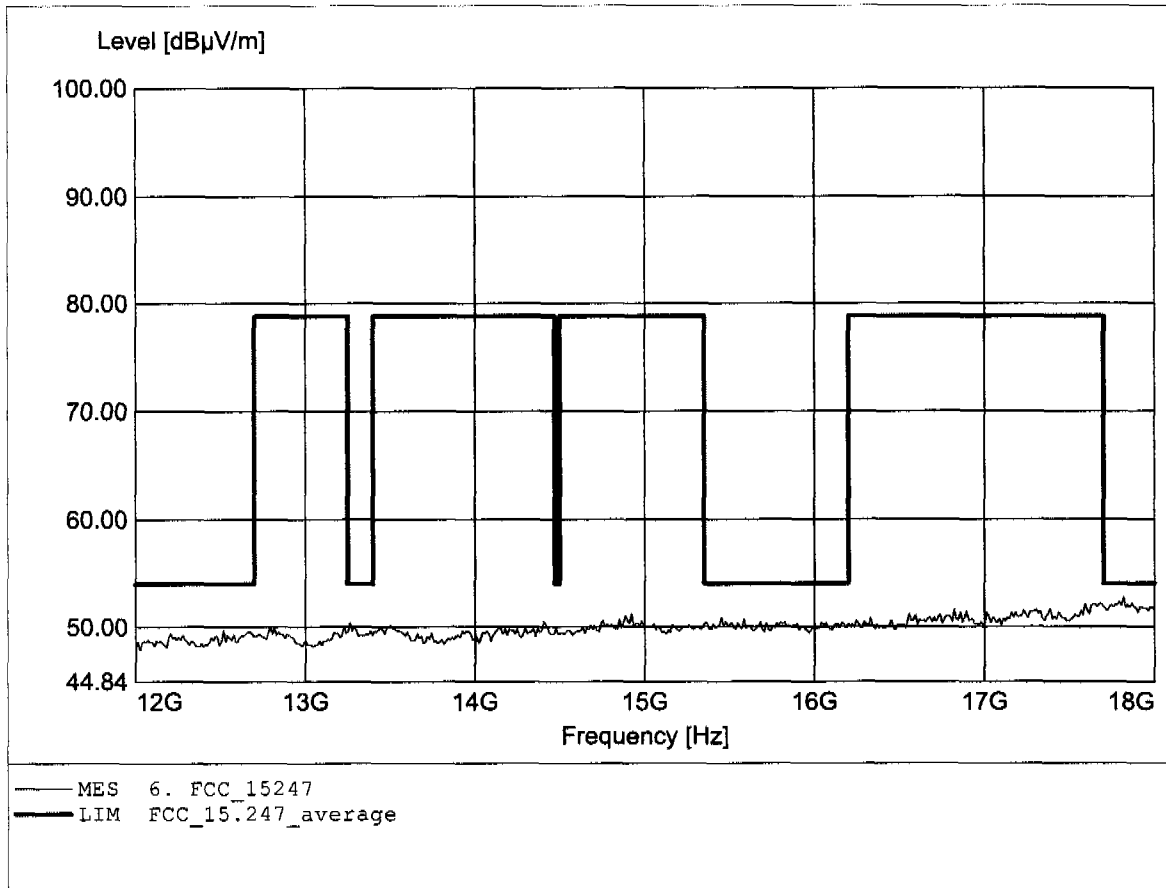
EUT: AP 11G CH6  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 11.984GHz, Emax: 48.96dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

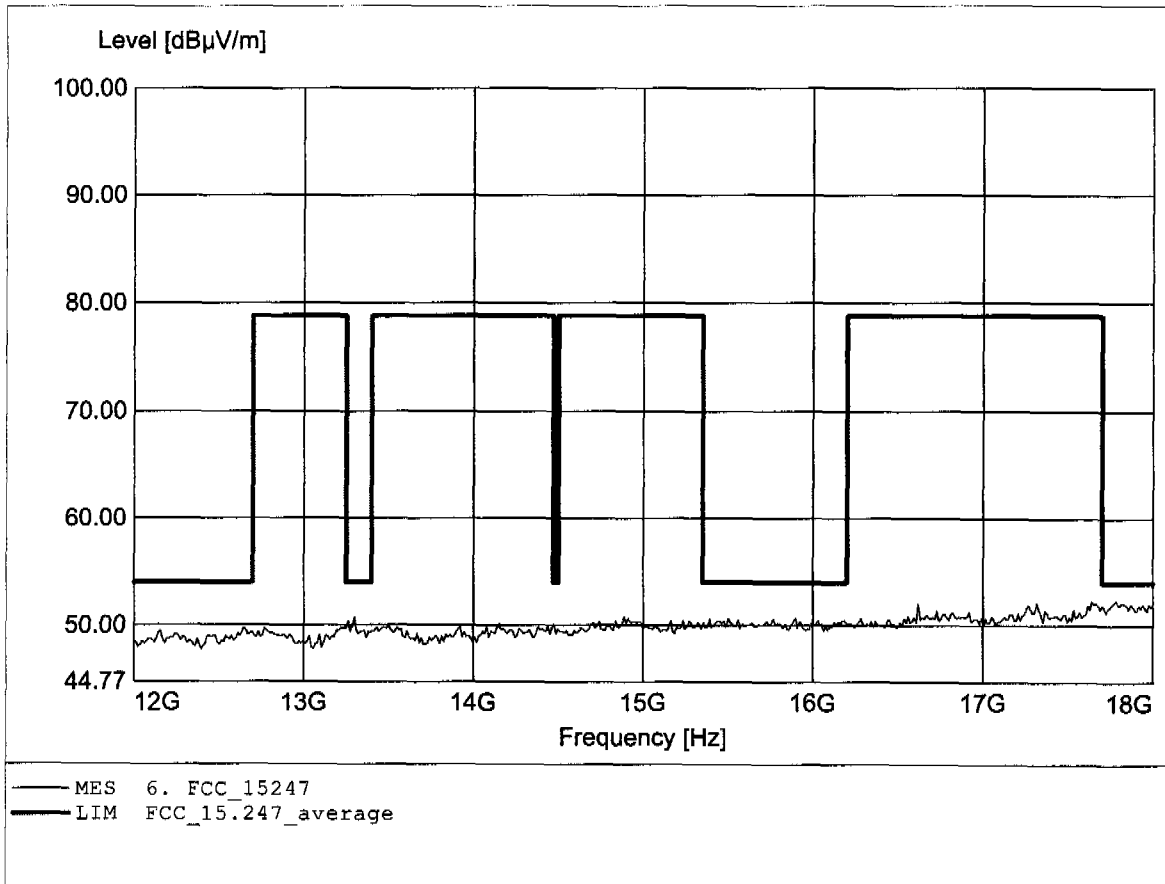
EUT: AP 11G CH6  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 17.820GHz, Emax: 52.77dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

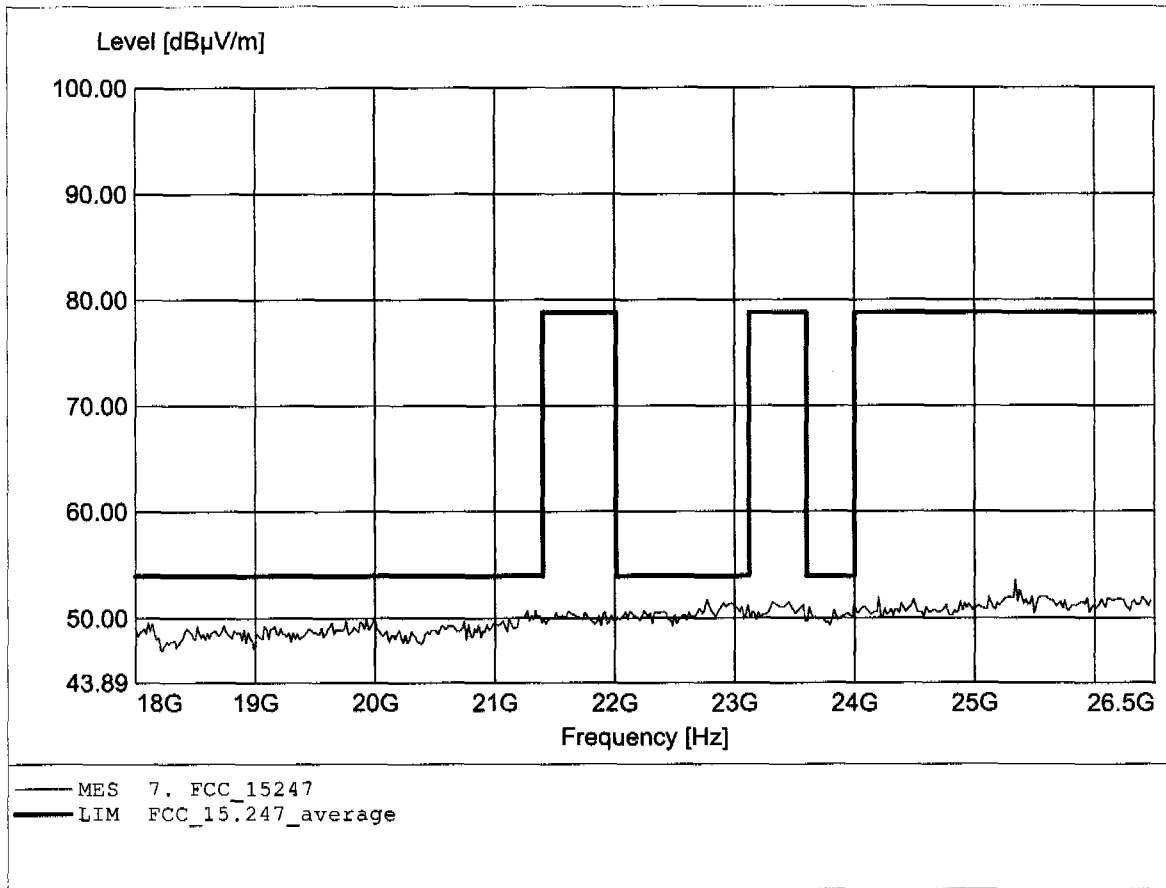
EUT: AP 11G CH6  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 17.639GHz, Emax: 52.35dB $\mu$ V/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

EUT: AP 11G CH6  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 25.342GHz, Emax: 53.60dBµV/m, RBW: 1MHz

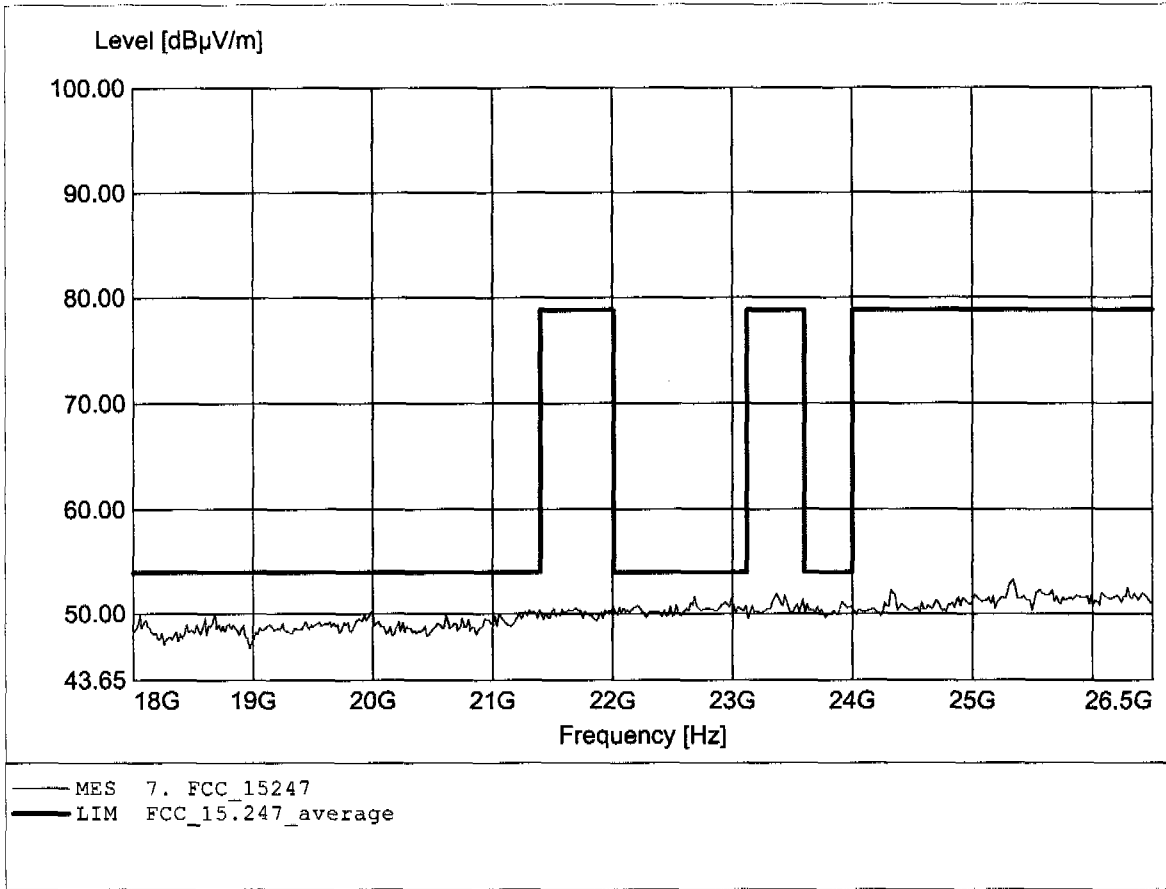




**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

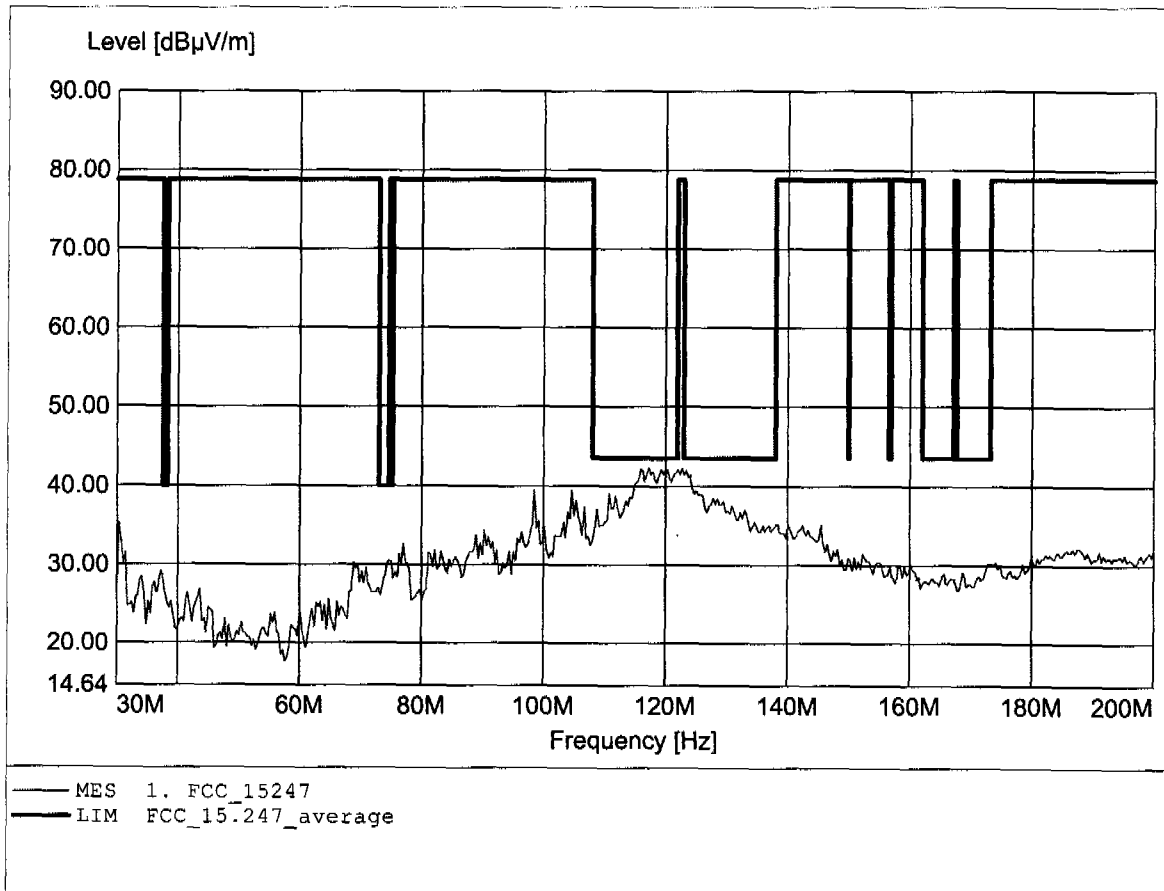
EUT: AP 11G CH6  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 25.342GHz, Emax: 53.28dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

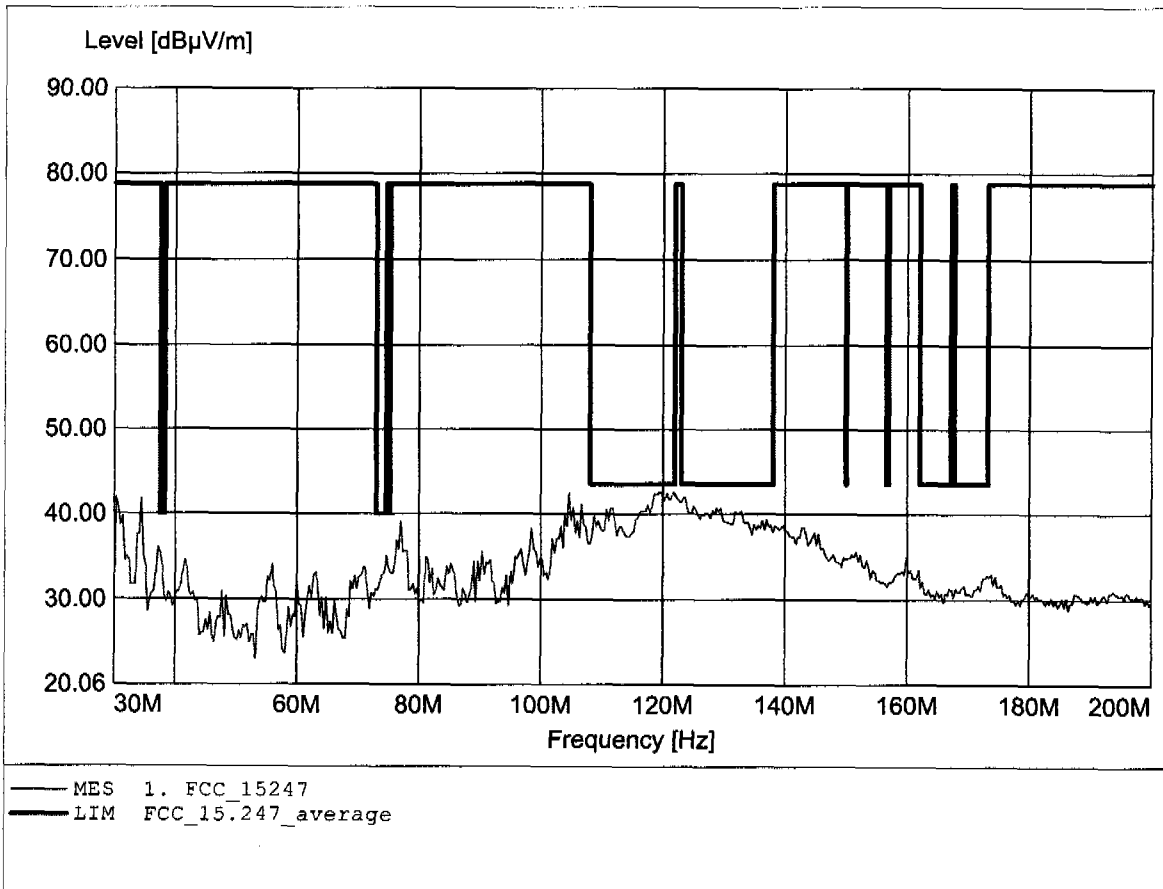
EUT: AP 11G CH11  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Freq: 118.918MHz, Emax: 42.25dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

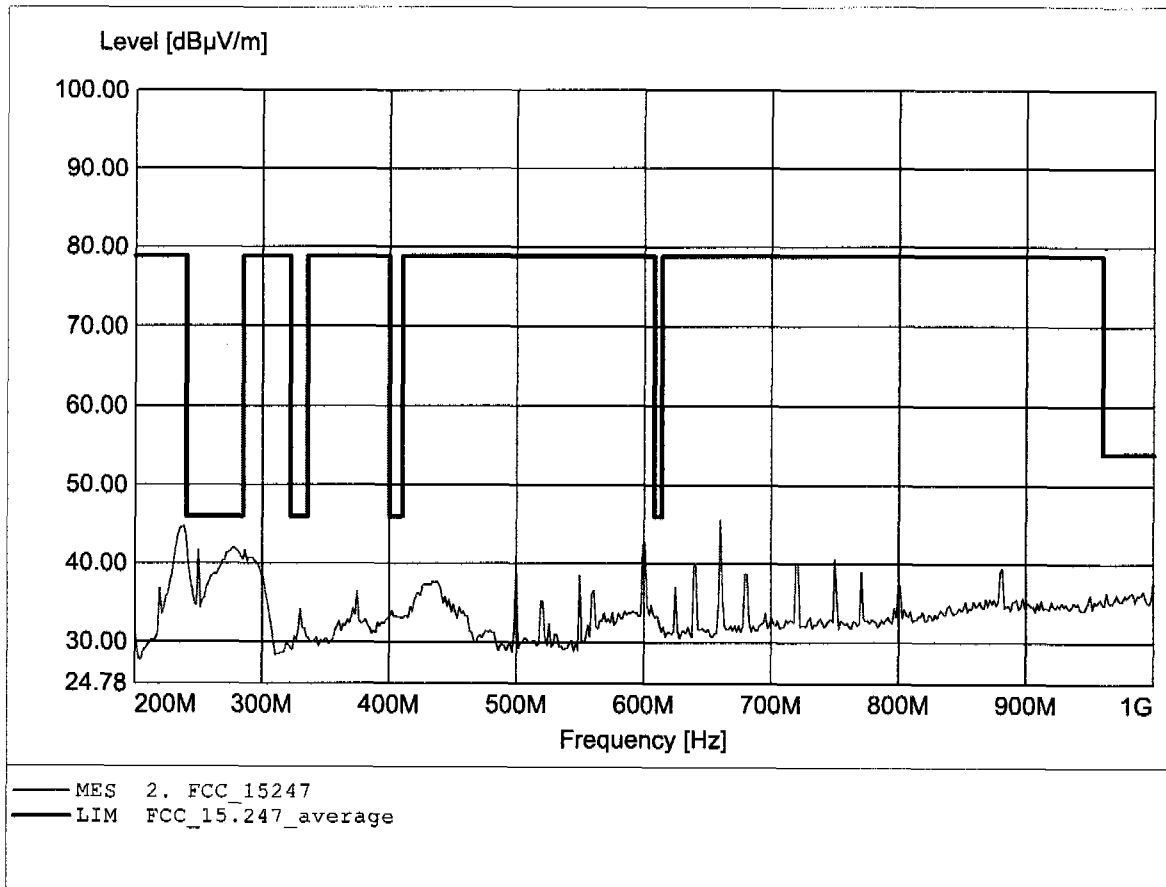
EUT: AP 11G CH11  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Freq: 120.281MHz, Emax: 42.19dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

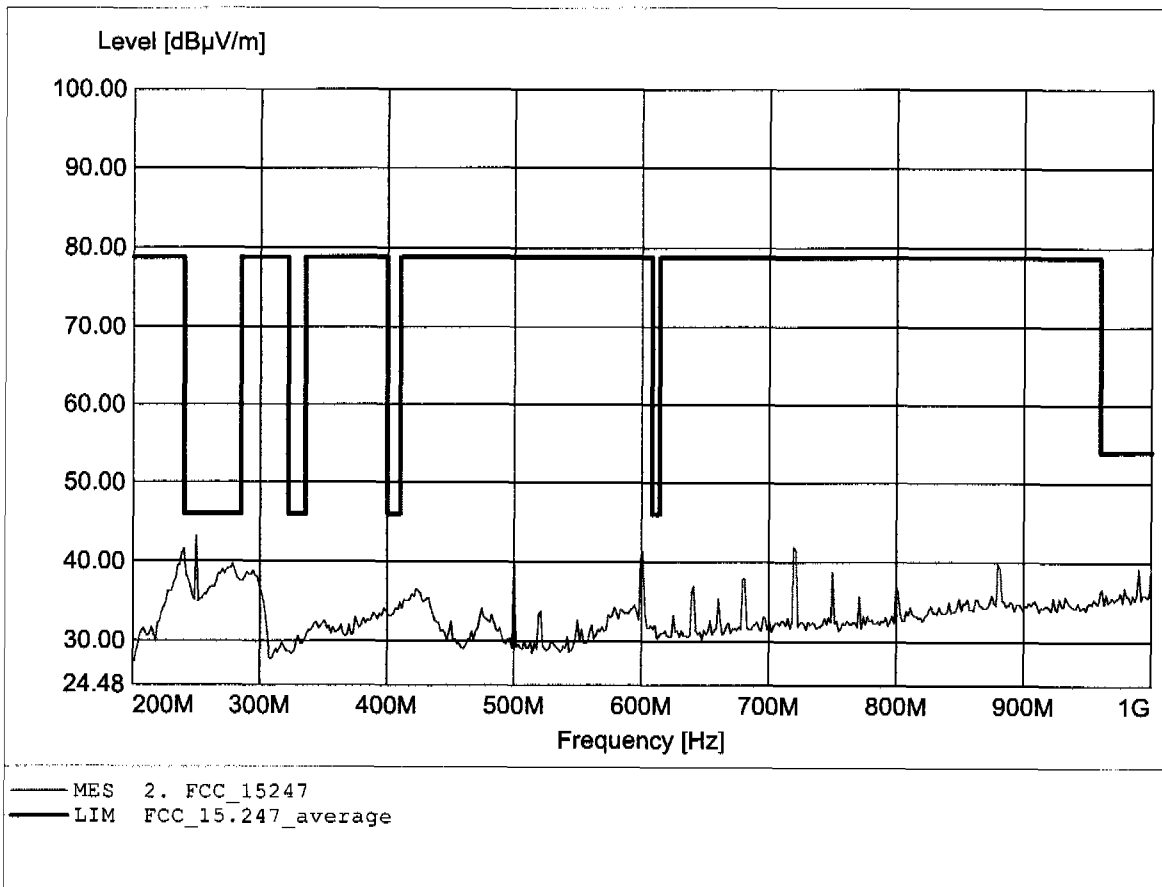
EUT: AP 11G CH11  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223,  
Freq: 660.120MHz, Emax: 45.62dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

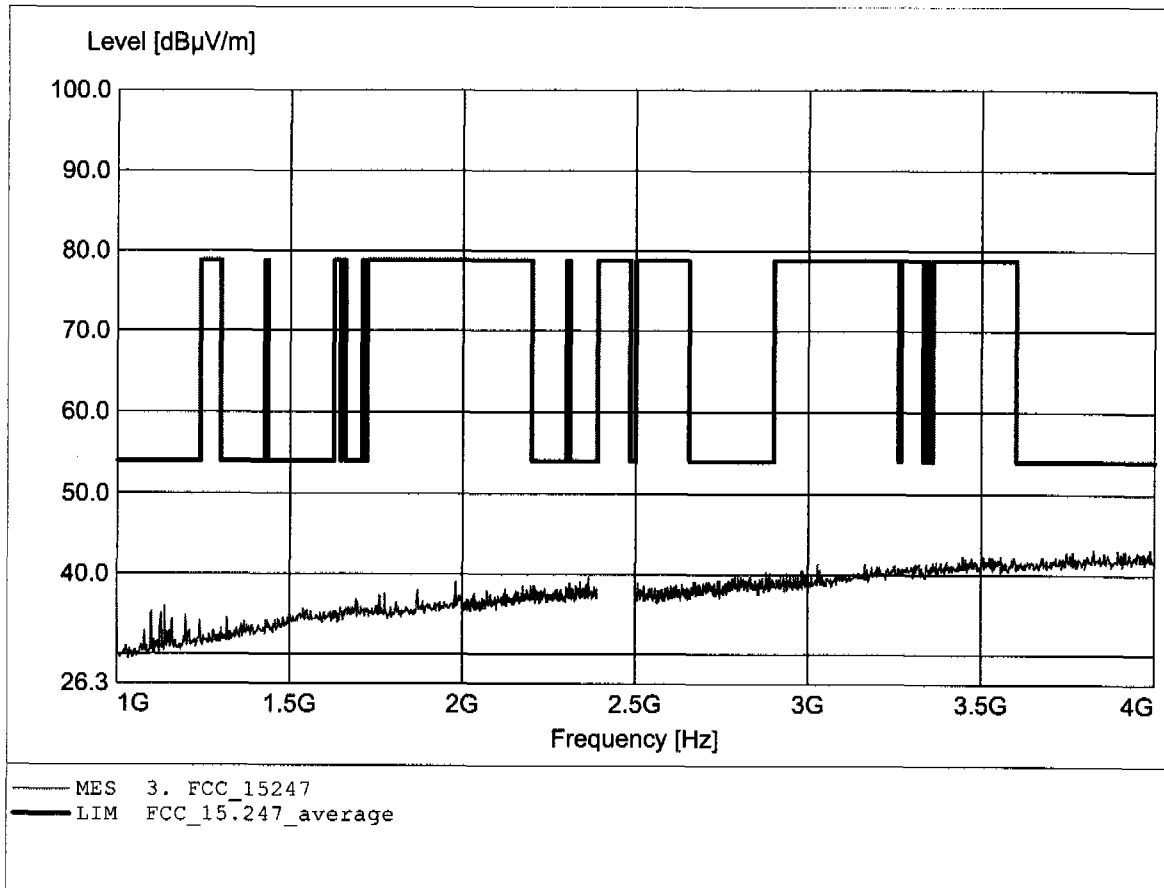
EUT: AP 11G CH11  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223,  
Freq: 249.699MHz, Emax: 43.26dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

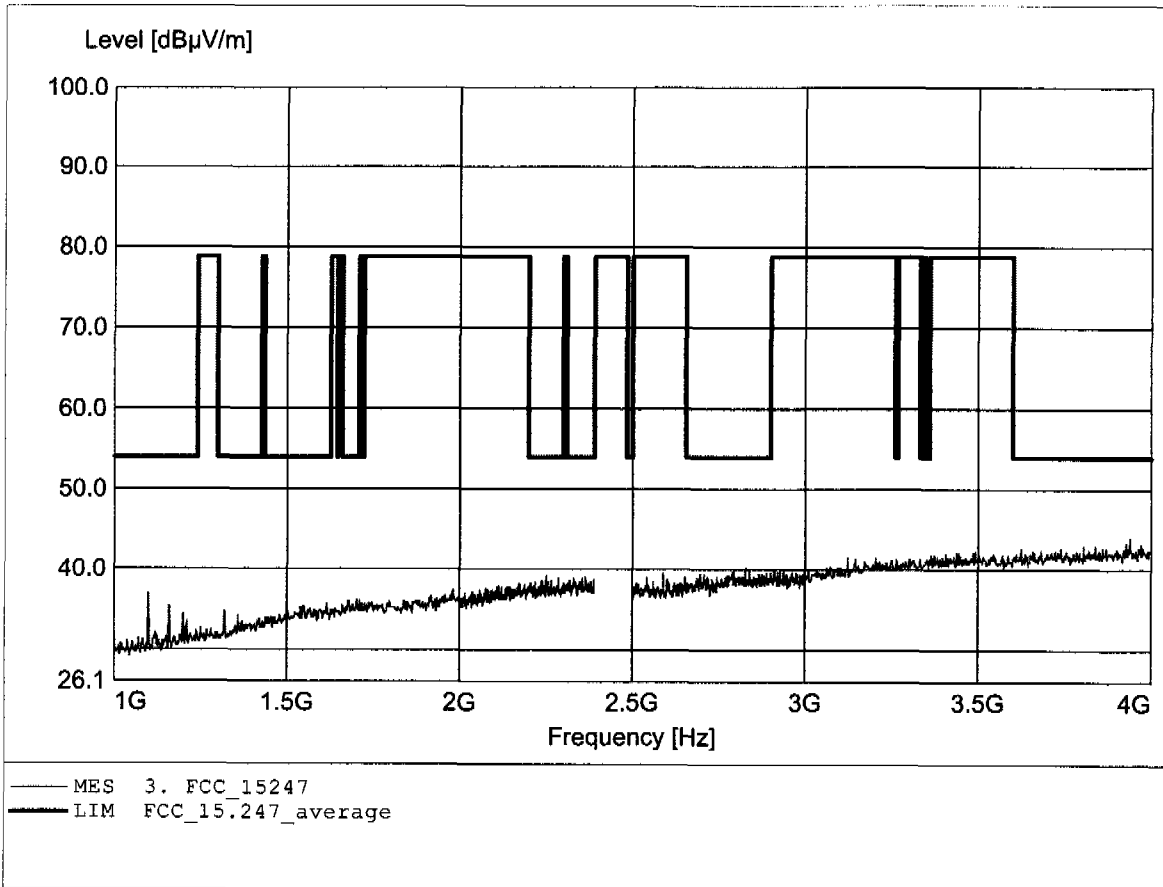
EUT: AP 11G CH11  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 3.824GHz, Emax: 43.25dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

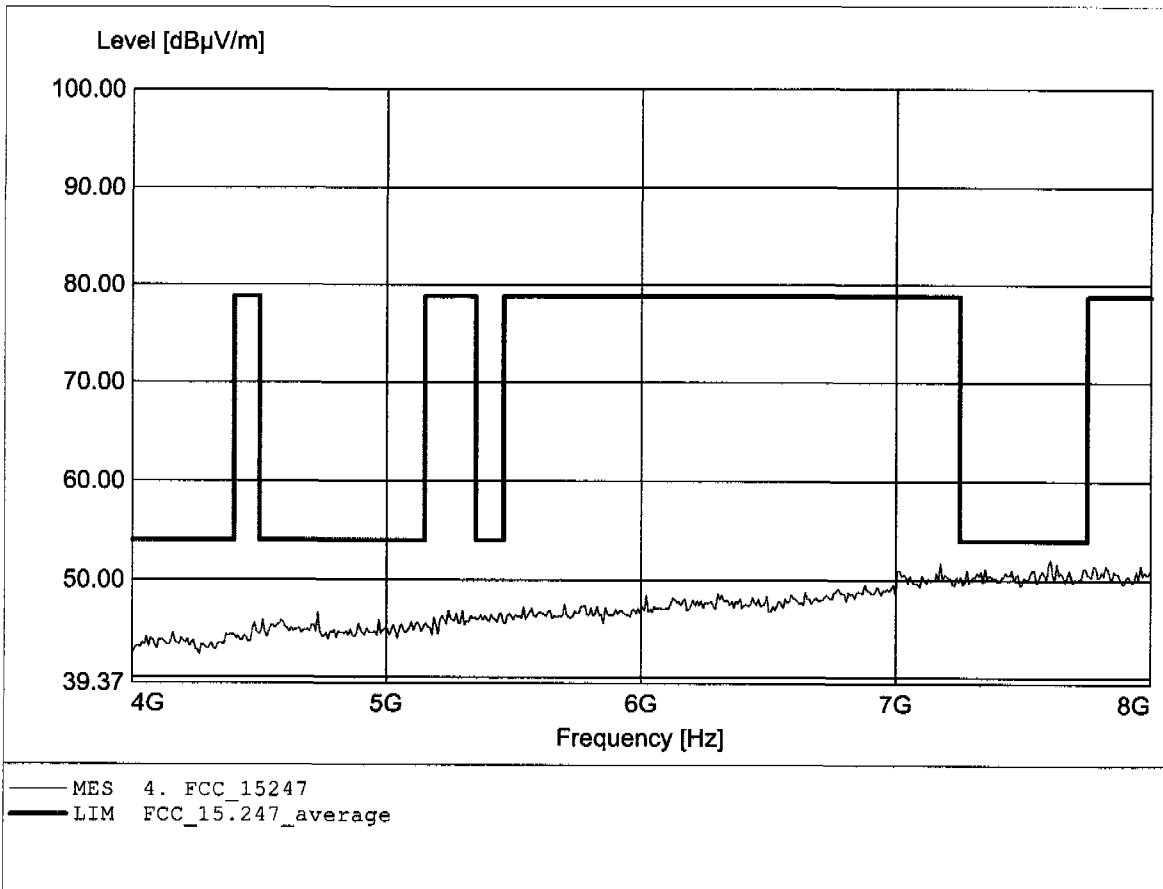
EUT: AP 11G CH11  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 3.938GHz, Emax: 43.94dB $\mu$ V/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

EUT: AP 11G CH11  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 7.607GHz, Emax: 52.08dBµV/m, RBW: 1MHz

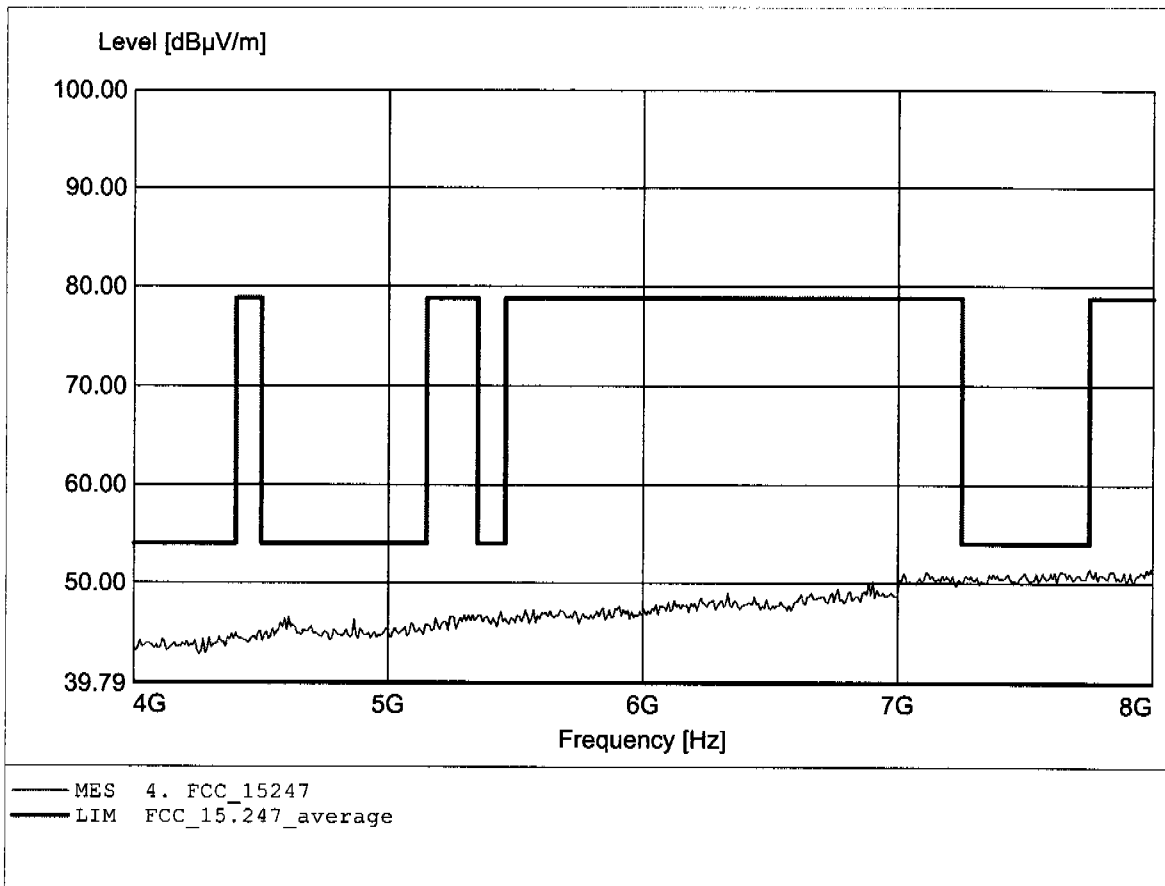




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

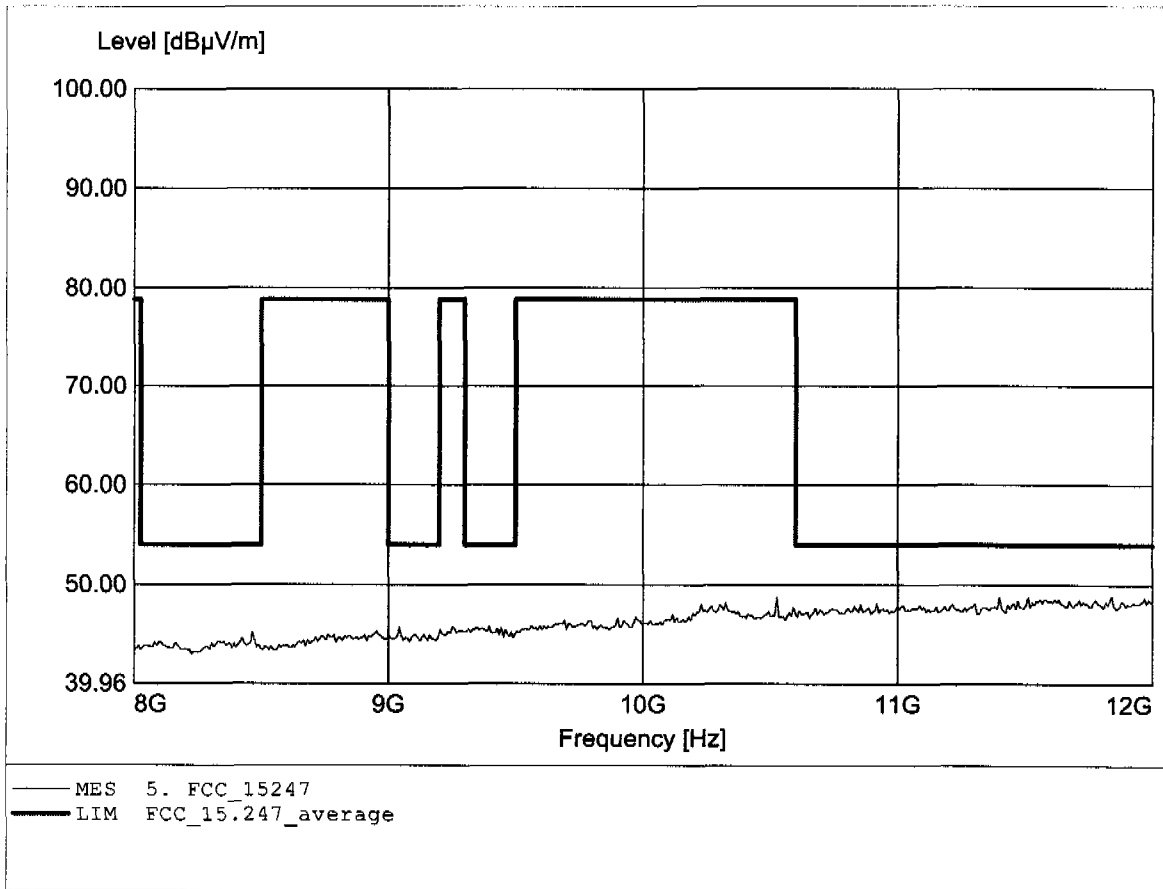
EUT: AP 11G CH11  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 7.992GHz, Emax: 51.52dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

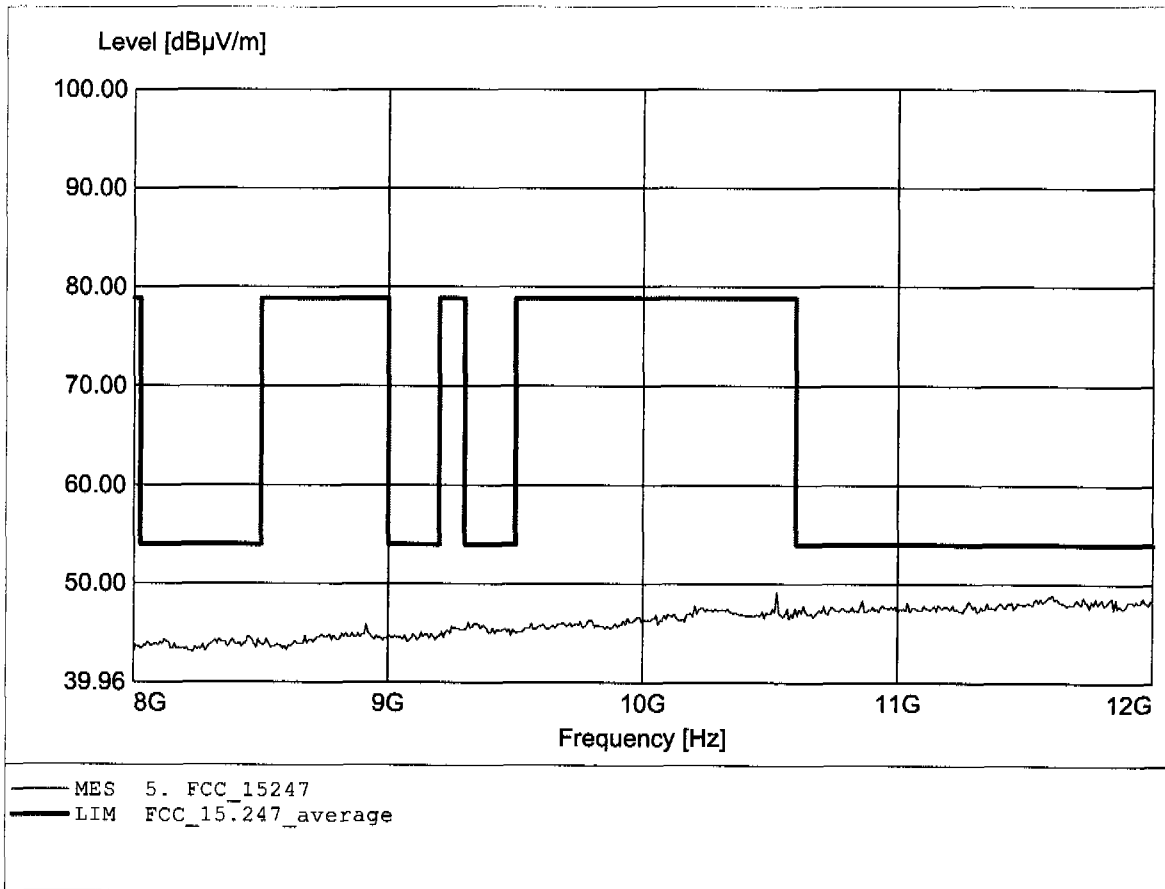
EUT: AP 11G CH11  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 11.840GHz, Emax: 48.90dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

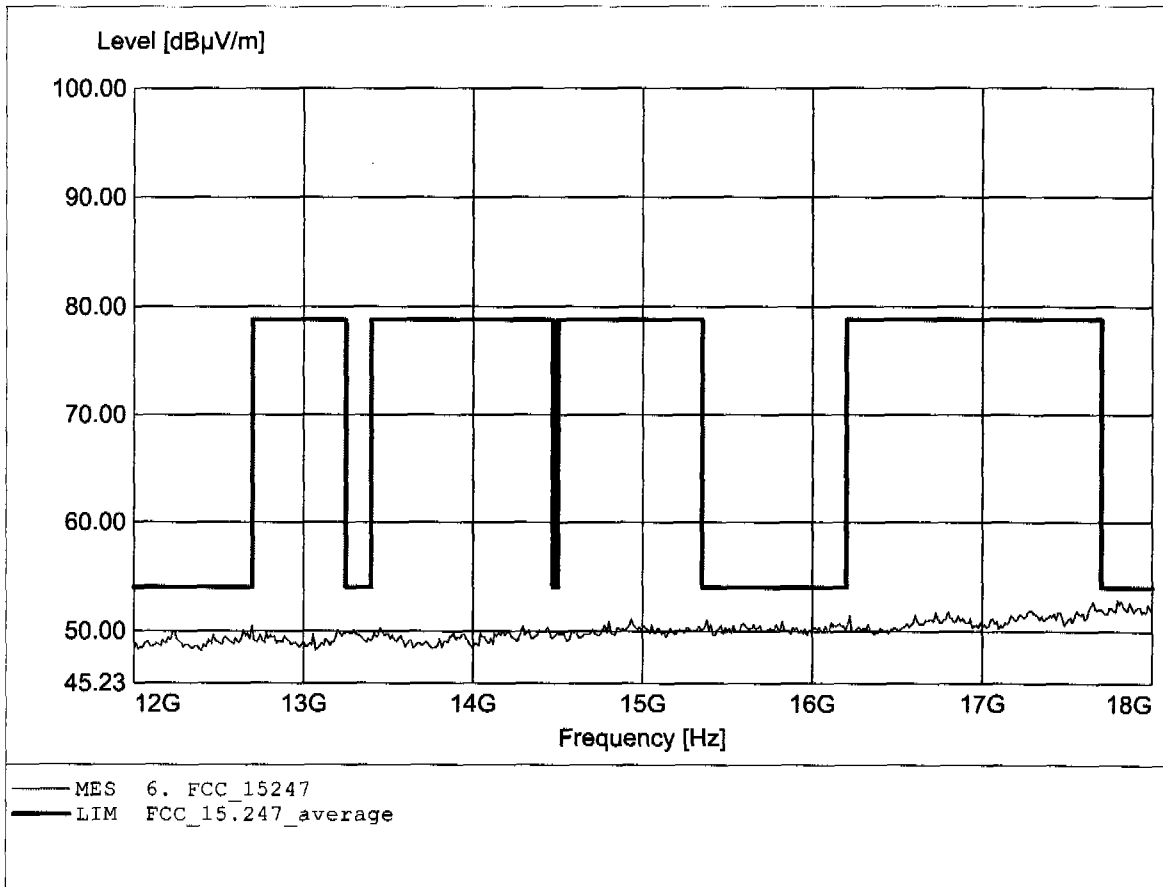
EUT: AP 11G CH11  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 10.525GHz, Emax: 49.23dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

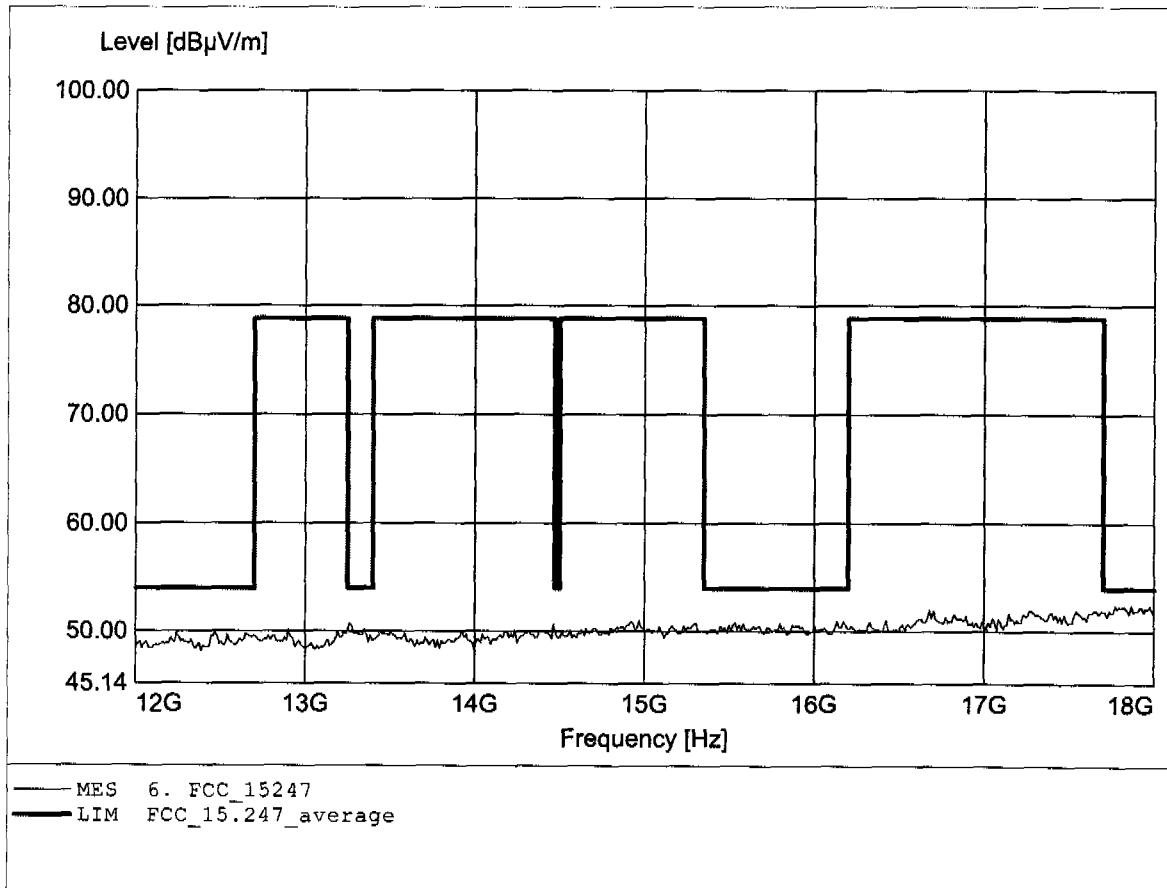
EUT: AP 11G CH11  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 17.796GHz, Emax: 52.86dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

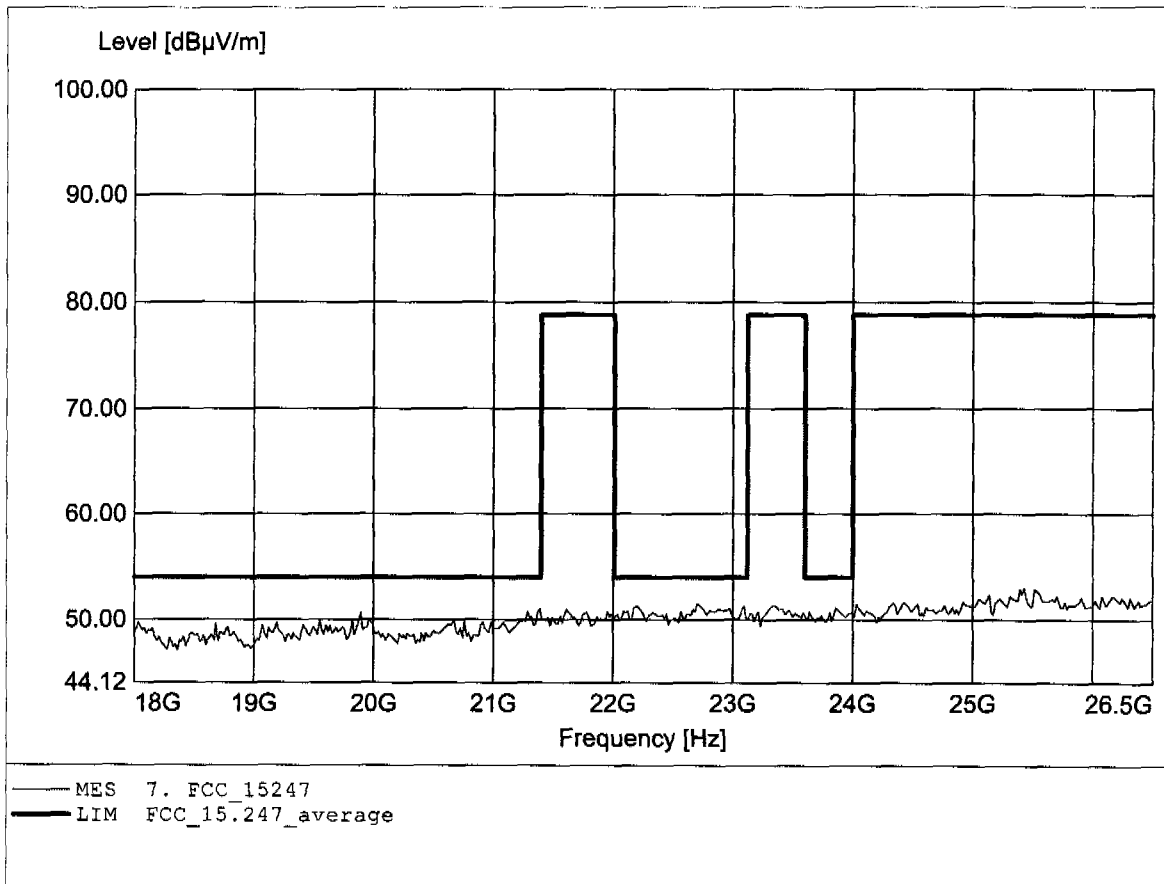
EUT: AP 11G CH11  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 17.868GHz, Emax: 52.49dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

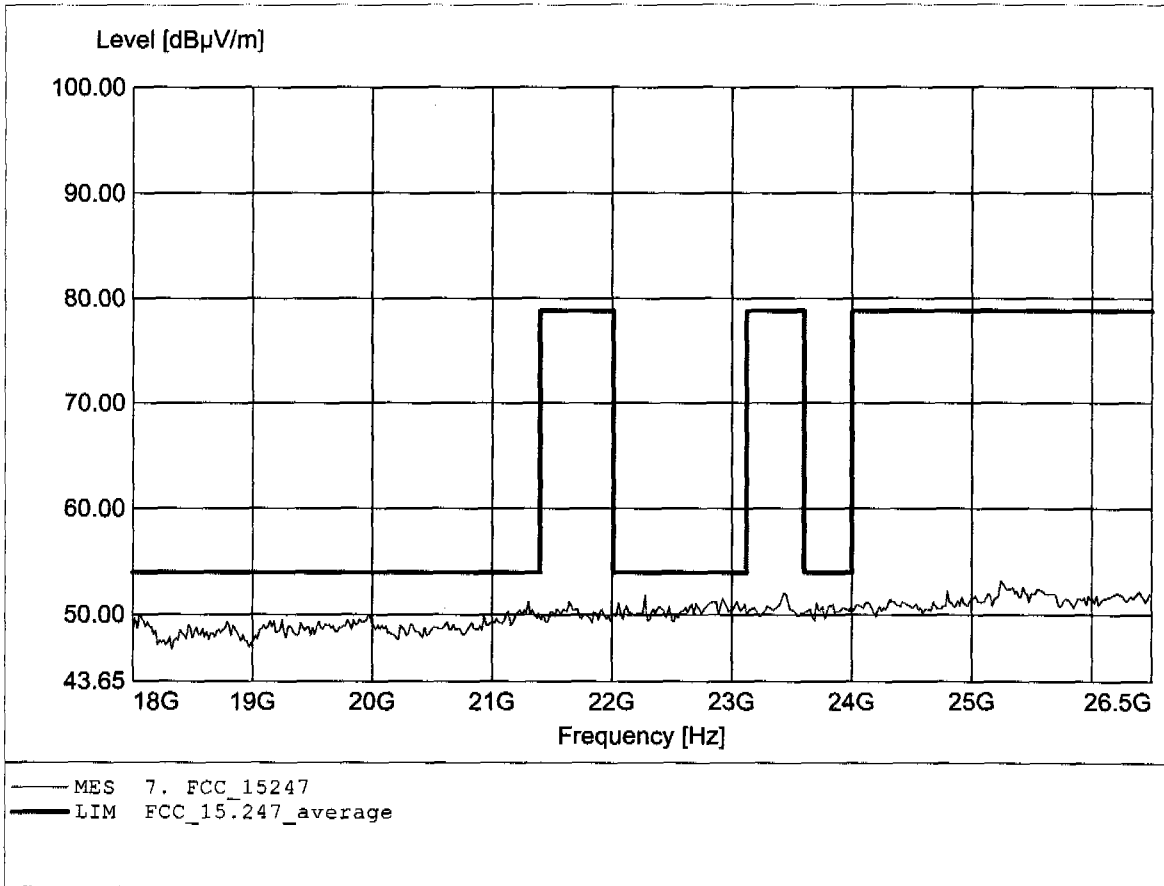
EUT: AP 11G CH11  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 25.427GHz, Emax: 53.05dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

EUT: AP 11G CH11  
MODEL NO.: AP51DA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / Ken Liu  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC ( AC/DC Adapter)  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 25.239GHz, Emax: 53.27dBµV/m, RBW: 1MHz





## Appendix D

Spurious Emissions conducted - Transmitter operating



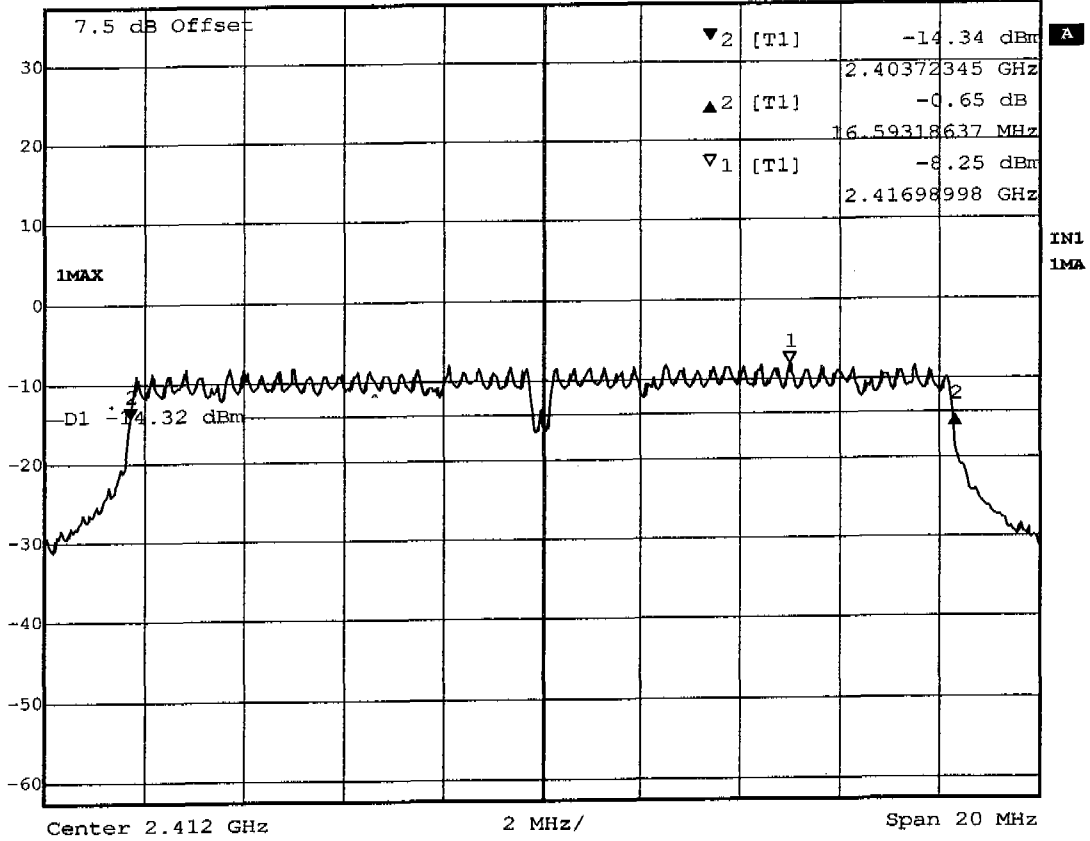


## Appendix E

Maximum 6 dB Bandwidth



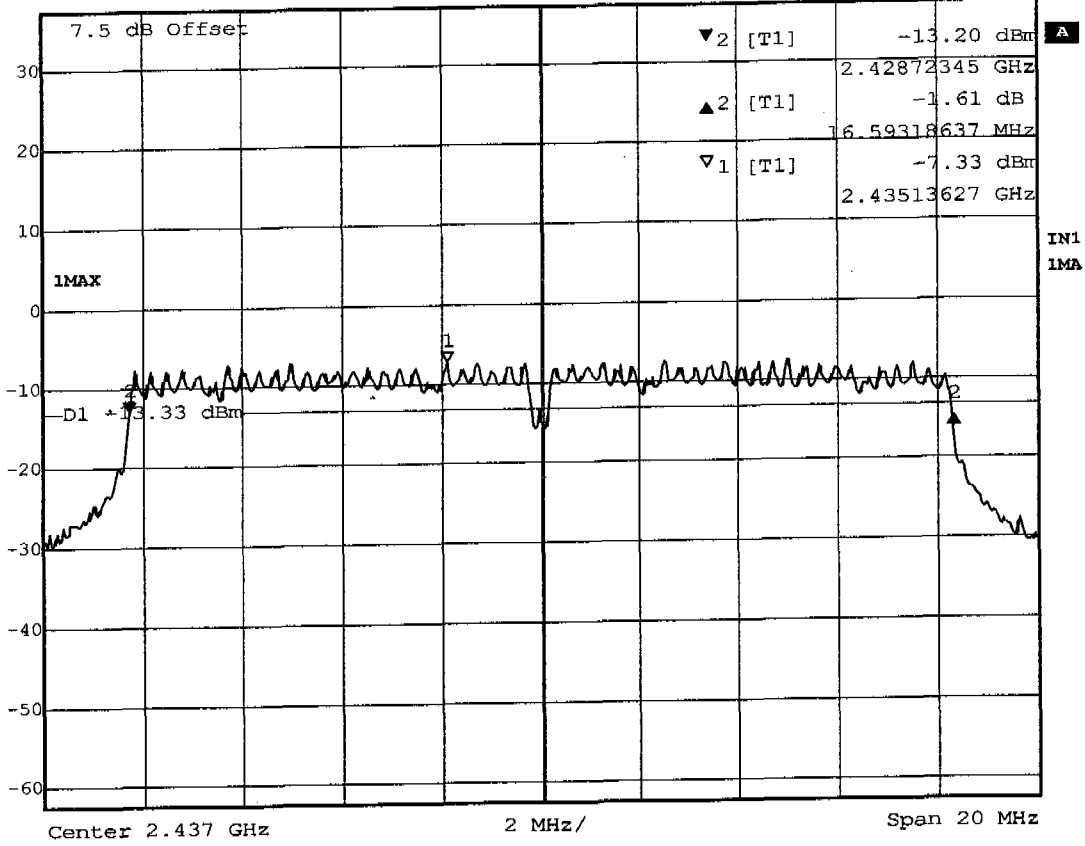
Delta 2 [T1] RBW 100 kHz RF Att 40 dB  
Ref Lvl -0.65 dB VBW 300 kHz  
37.5 dBm 16.59318637 MHz SWT 500 ms Unit dBm



Title: 11G CH1 BANDWIDTH  
Date: 2.MAR.2004 00:53:05



Delta 2 [T1] RBW 100 kHz RF Att 40 dB  
Ref Lvl -1.61 dB VBW 300 kHz  
37.5 dBm 16.59318637 MHz SWT 500 ms Unit dBm



Title: 11G CH6 BANDWIDTH  
Date: 2.MAR.2004 00:55:00



Delta 2 [T1]

RBW 100 kHz RF Att 40 dB

Ref Lvl 0.05 dB

VBW 300 kHz

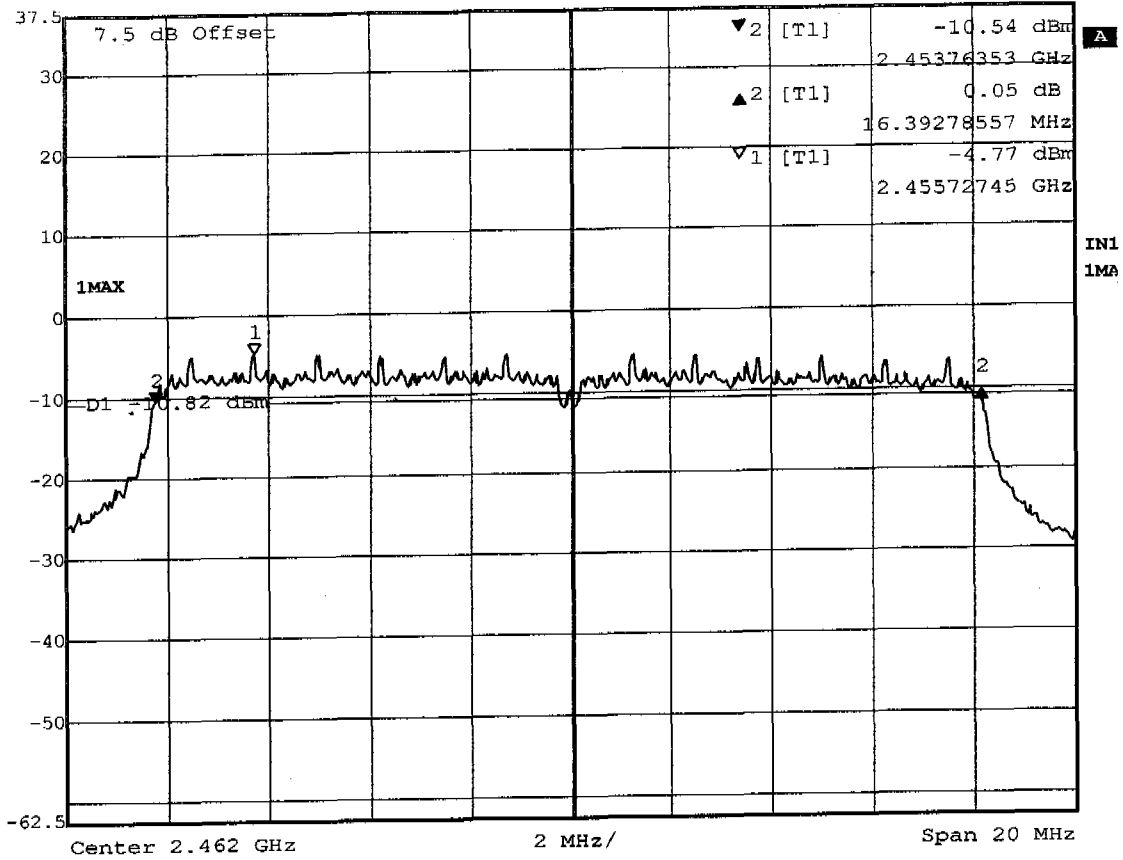
37.5 dBm

16.39278557 MHz

SWT 500 ms

Unit

dBm



Title: 11G CH11 BANDWIDTH  
 Date: 1.APR.2004 03:35:11



## Appendix F

Peak Power Spectral Density



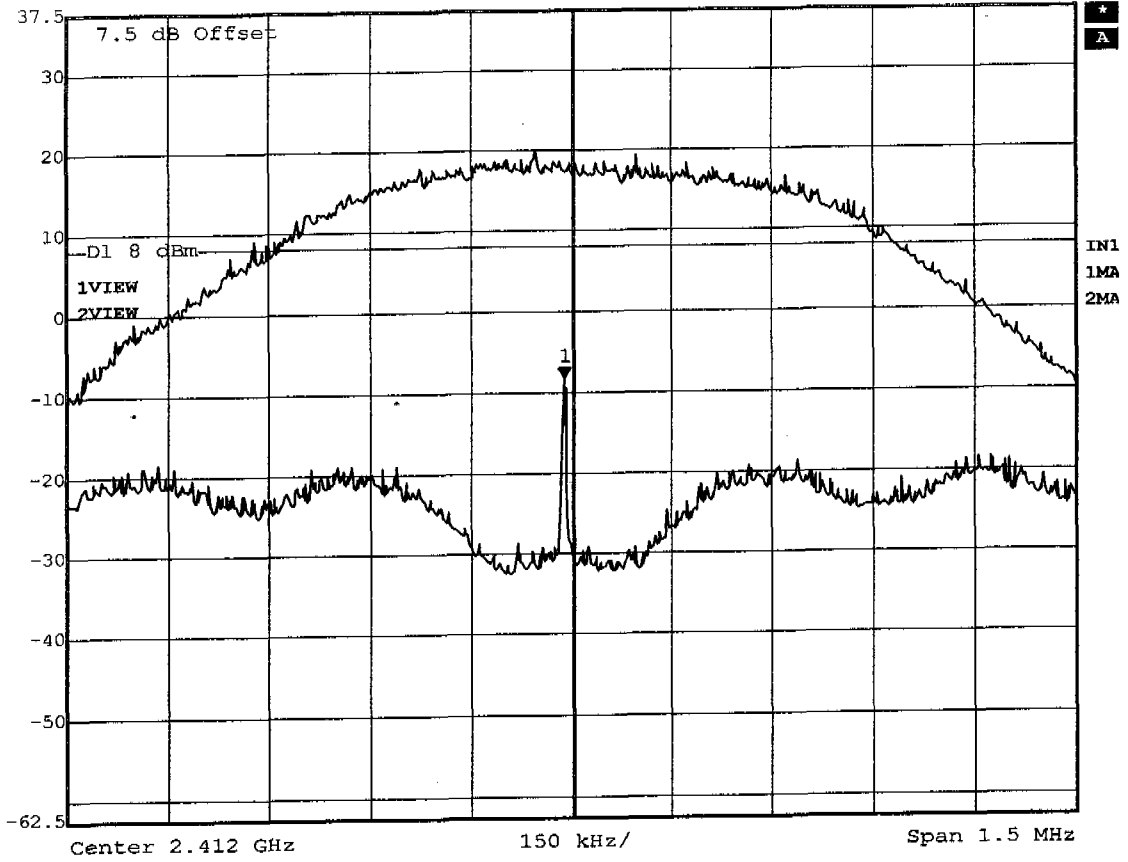
Marker 1 [T2]

RBW 3 kHz RF Att 40 dB

Ref Lvl -8.50 dBm  
37.5 dBm 2.41198948 GHz

VBW 100 kHz  
SWT 500 s

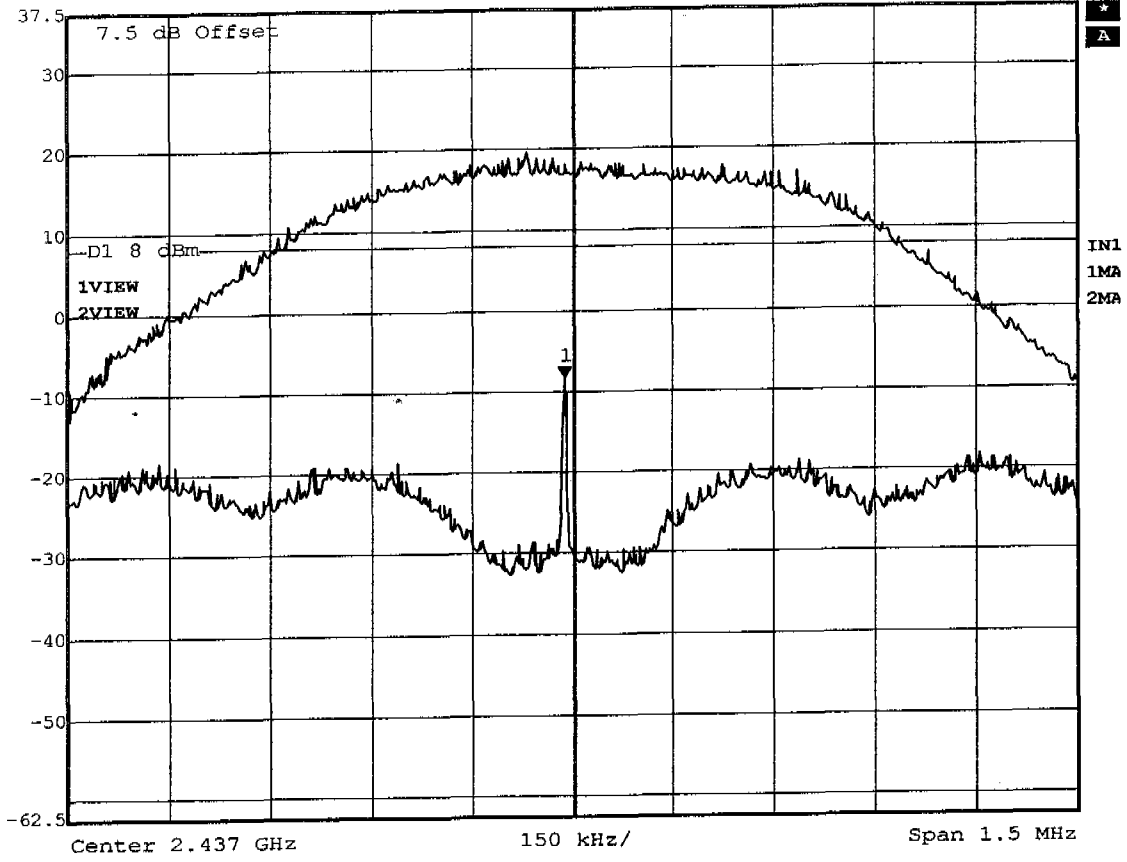
Unit dBm



Title: 11G CH1 POWER DENSITY  
Date: 30.MAR.2004 08:30:58



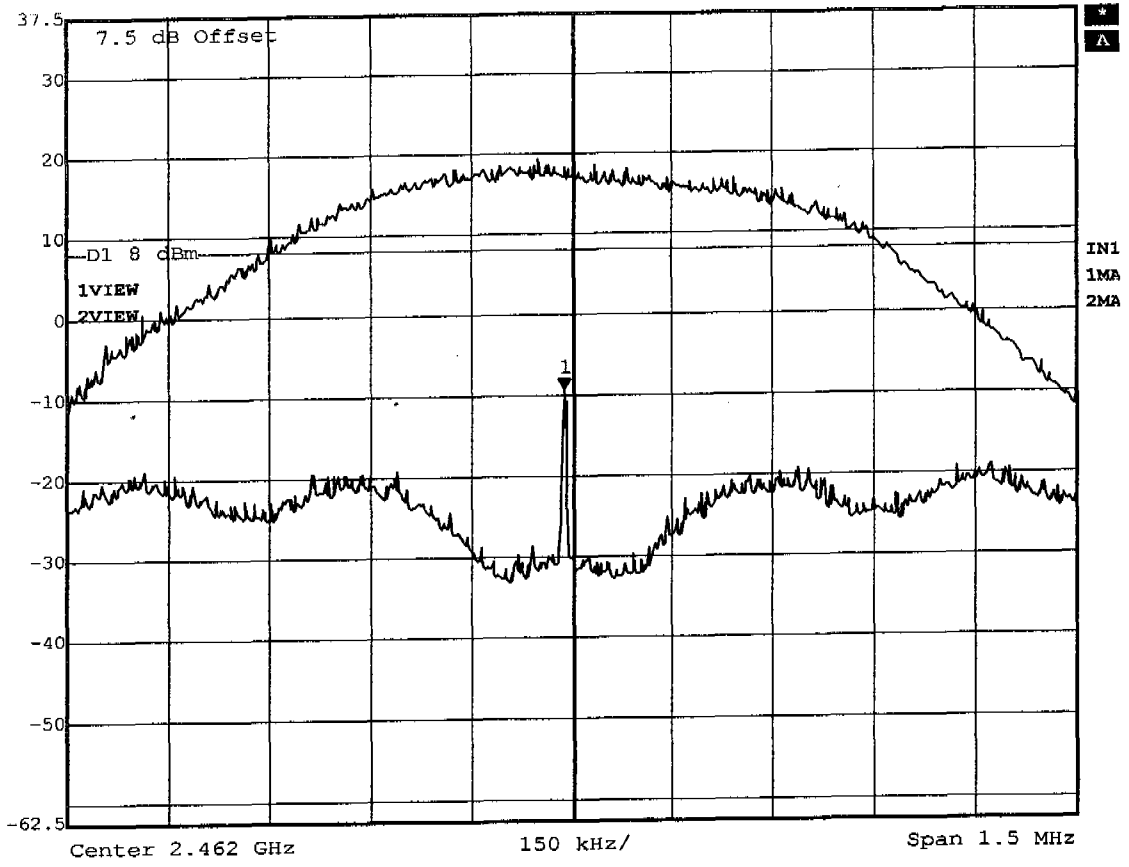
Marker 1 [T2] RBW 3 kHz RF Att 40 dB  
Ref Lvl -8.46 dBm VBW 100 kHz  
37.5 dBm 2.43698948 GHz SWT 500 s Unit dBm



Title: 11G CH6 POWER DENSITY  
Date: 30.MAR.2004 08:24:52



Marker 1 [T2] RBW 3 kHz RF Att 40 dB  
Ref Lvl -9.28 dBm VBW 100 kHz  
37.5 dBm 2.46198948 GHz SWT 500 s Unit dBm



Title: 11G CH11 POWER DENSITY  
Date: 30.MAR.2004 08:28:49



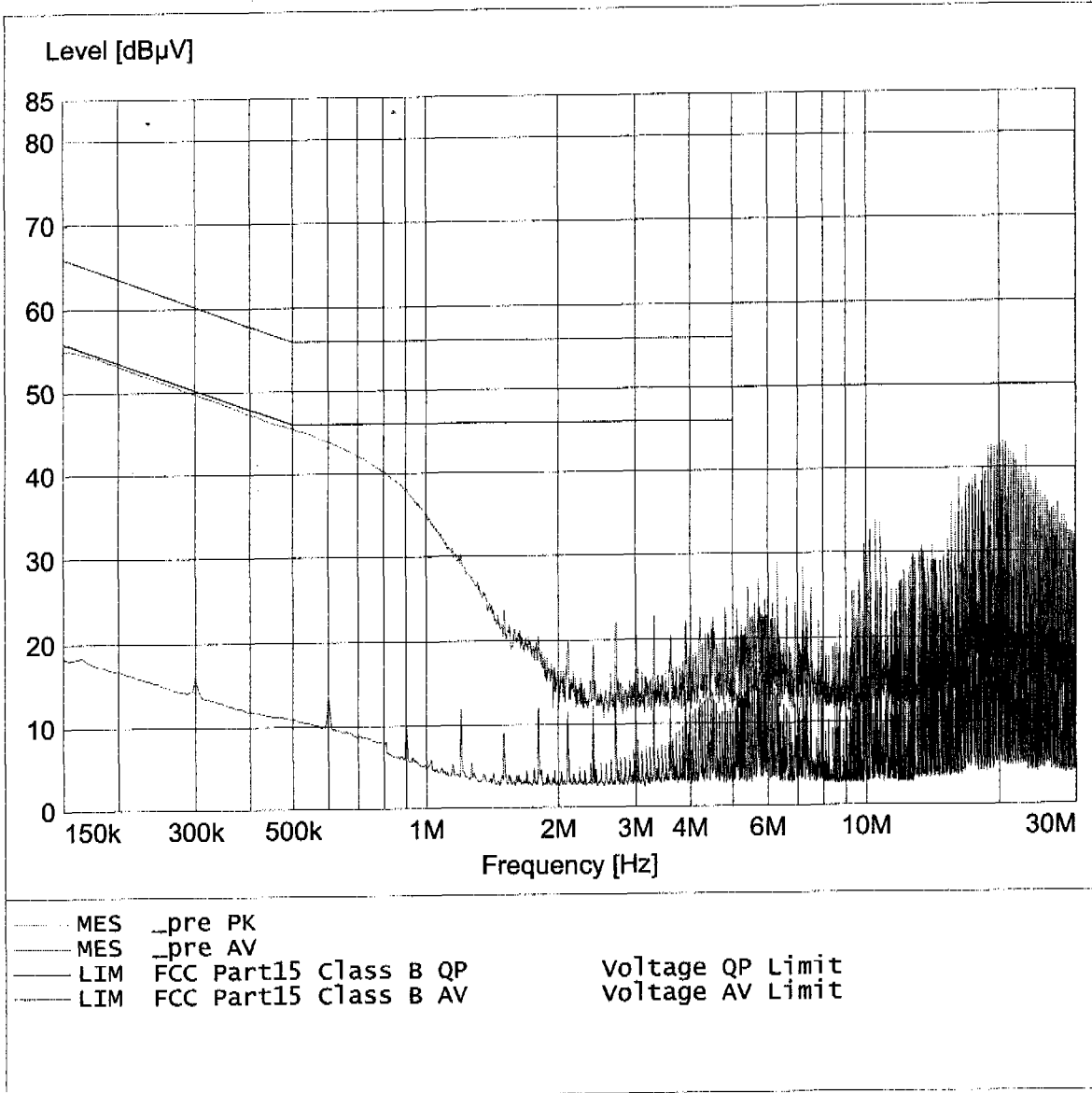


## Appendix G

Conducted Emission at (AC) Power Line

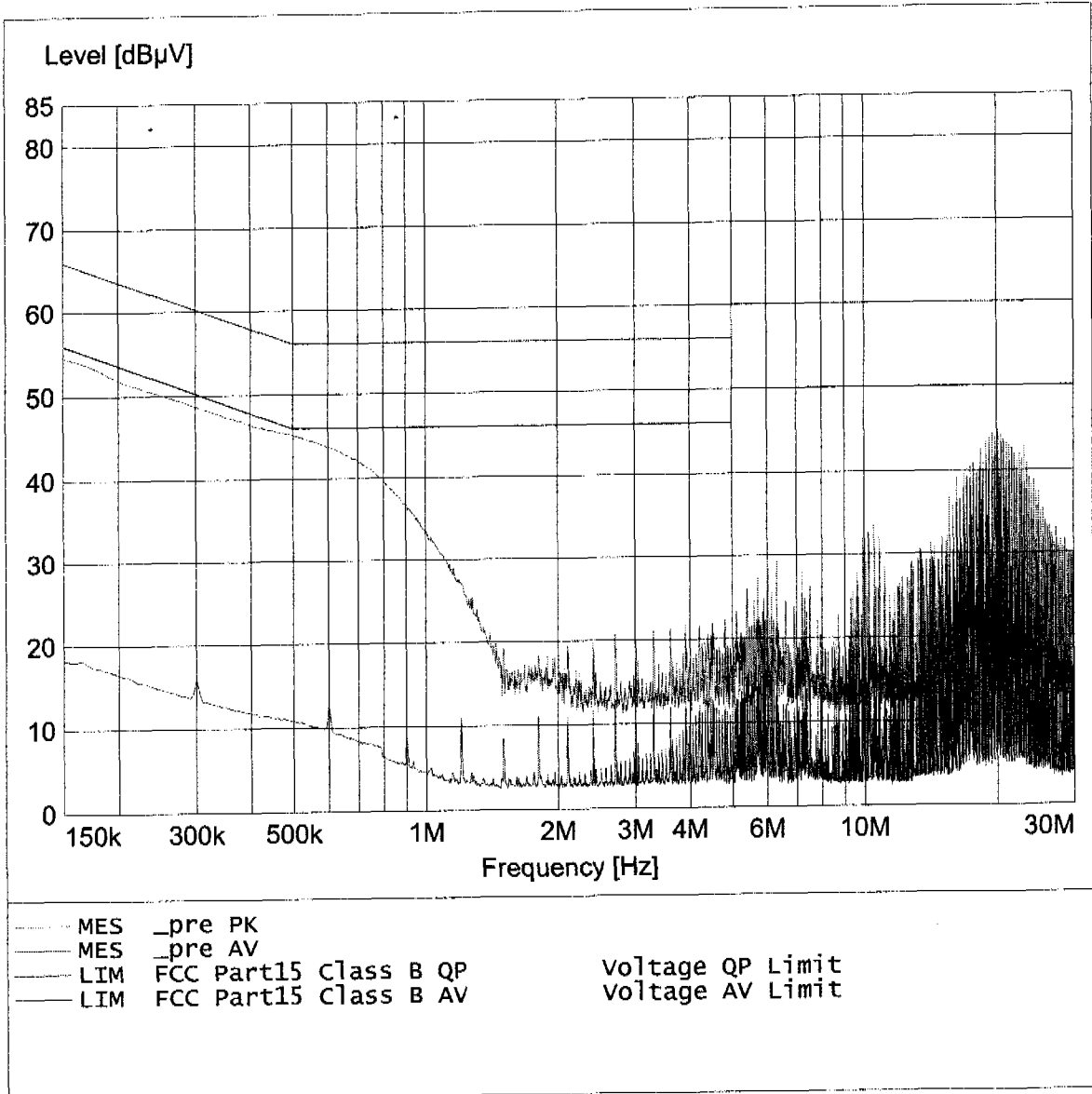
EMI voltage test in the ac-mains according to FCC Part15 Class B

EUT: AP 11G CH1  
Approval Holder: SerComm Corporation  
Operating Condition: Unom: 120VAC, Tnom: 25°C  
Test Site: ETS  
Operator: PIERCE PENG  
Test Specification: V-network: ESH3-Z5 L1  
Comment: model: AP51DA mode:active



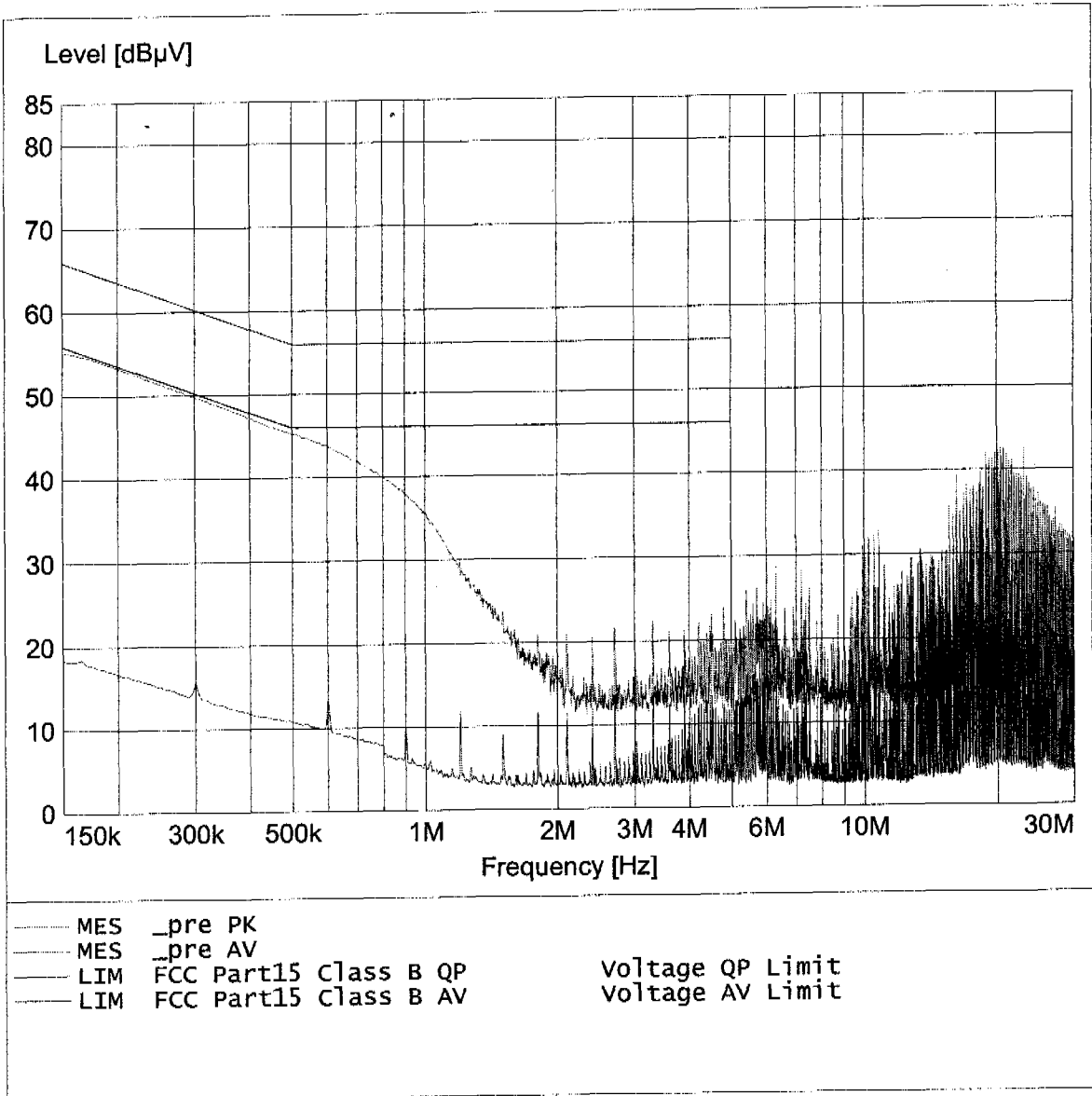
EMI voltage test in the ac-mains according to FCC Part15 Class B

EUT: AP 11G CH1  
Approval Holder: SerComm Corporation  
Operating Condition: Unom: 120VAC, Tnom: 25°C  
Test Site: ETS  
Operator: PIERCE PENG  
Test Specification: V-network: ESH3-Z5 N  
Comment: model: AP51DA mode:active



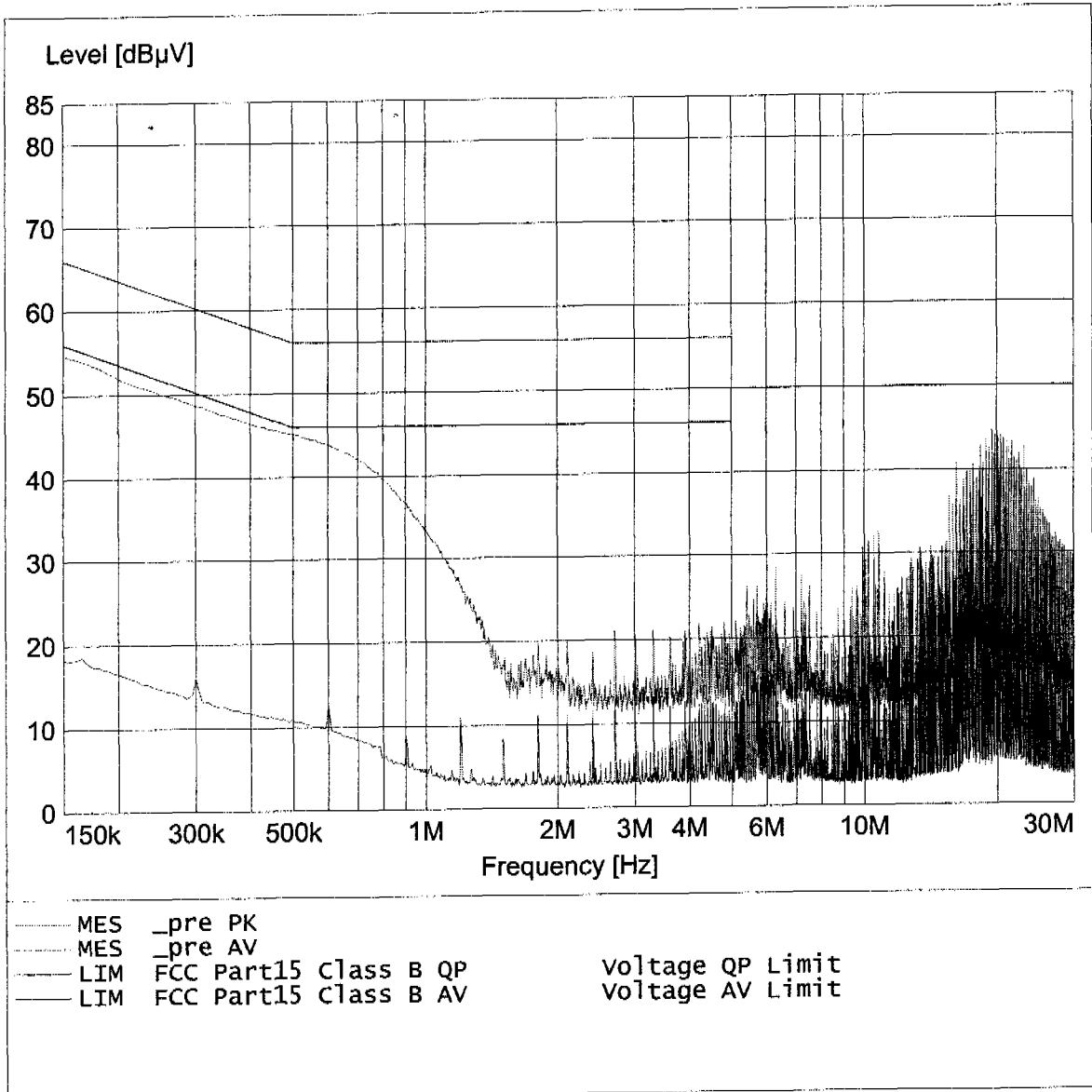
EMI voltage test in the ac-mains according to FCC Part15 Class B

EUT: AP 11G CH6  
Approval Holder: SerComm Corporation  
Operating Condition: Unom: 120VAC, Tnom: 25°C  
Test Site: ETS  
Operator: PIERCE PENG  
Test Specification: V-network: ESH3-Z5 L1  
Comment: model: AP51DA mode:active



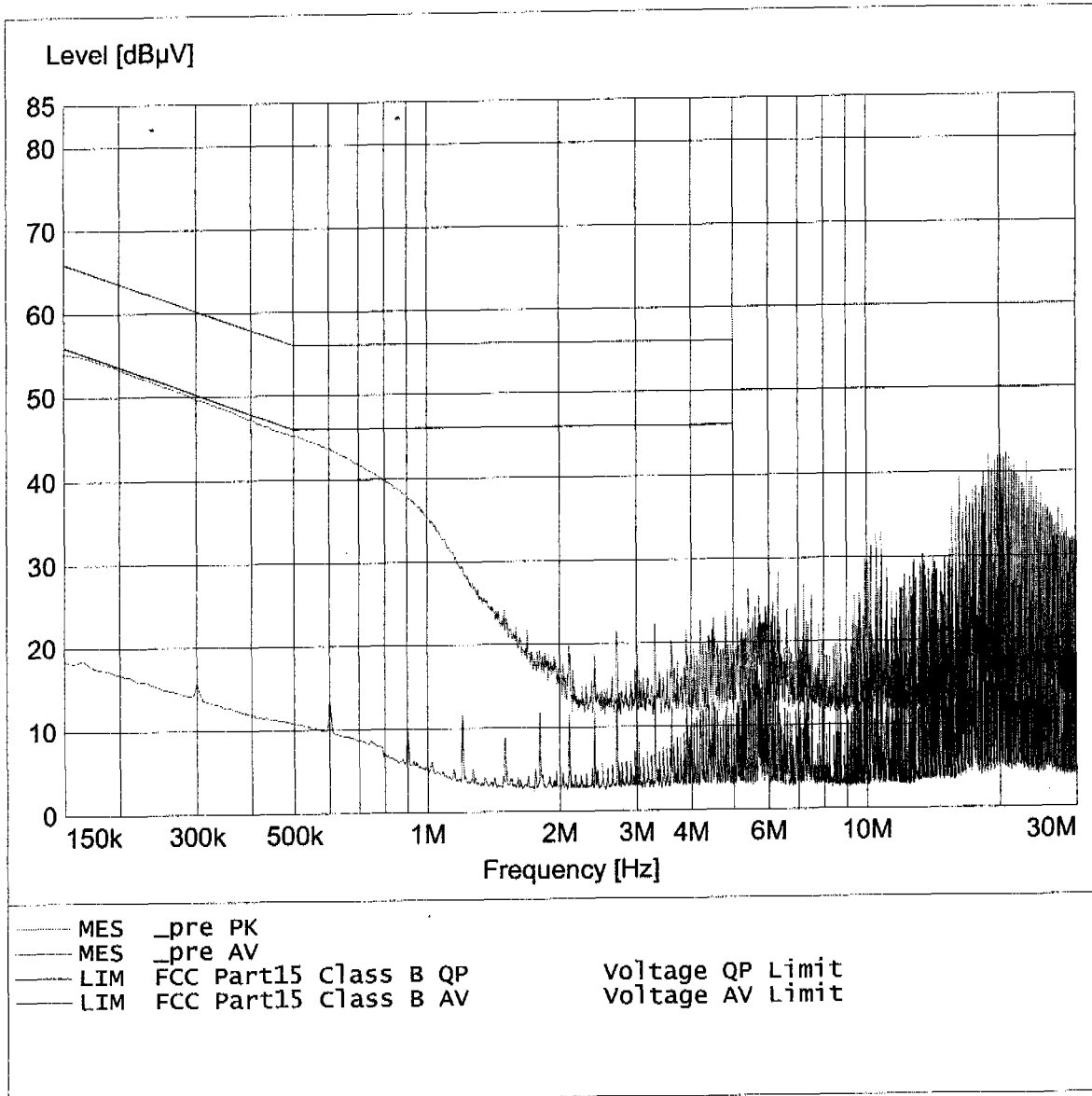
EMI voltage test in the ac-mains according to FCC Part15 Class B

EUT: AP 11G CH6  
Approval Holder: SerComm Corporation  
Operating Condition: Unom: 120VAC, Tnom: 25°C  
Test Site: ETS  
Operator: PIERCE PENG  
Test Specification: V-network: ESH3-Z5 N  
Comment: model: AP51DA mode:active



EMI voltage test in the ac-mains according to FCC Part15 Class B

EUT: AP 11G CH11  
Approval Holder: SerComm Corporation  
Operating Condition: Unom: 120VAC, Tnom: 25°C  
Test Site: ETS  
Operator: PIERCE PENG  
Test Specification: V-network: ESH3-Z5 L1  
Comment: model: AP51DA mode:active



EMI voltage test in the ac-mains according to FCC Part15 Class B

EUT: AP 11G CH11  
Approval Holder: SerComm Corporation  
Operating Condition: Unom: 120VAC, Tnom: 25°C  
Test Site: ETS  
Operator: PIERCE PENG  
Test Specification: V-network: ESH3-Z5 N  
Comment: model: AP51DA mode:active

